1. **Kazuyuki Matsumoto, Fuji Ren, Minoru Yoshida *and* Kenji Kita :** Refinement by Filtering Translation Candidates and Similarity Based Approach to Expand Emotion Tagged Corpus, Jan. 2017.
2. **Fuji Ren *and* Kazuyuki Matsumoto :** Natural Language Processing Capabilities Required for Humanoid Nursing Robots, Fukuro Shuppan Publishing, Mar. 2017.
3. **Kazuyuki Matsumoto :** The Current State of Performance and Development of Natural Language Processing Required for Humanoid Caring Robots, Fukuro Shuppan Publishing, Mar. 2017.
4. **Changqin Quan *and* Fuji Ren :** Textual Emotion Recognition for Enhancing Enterprise Computing, *Enterprise Information Systems,* **Vol.10,** *No.4,* 422-443, 2016.
5. **山越 幸太, 永田 裕一, 小野 功 :** TSPのためのGA-EAXにおける探索ステージ切換条件とマルチスタート戦略の提案, *計測自動制御学会論文集,* **Vol.52,** *No.4,* 242-248, 2016年.
6. **Sasayama Manabu *and* Kazuyuki Matsumoto :** Retrieving Vaguely Remembered Lyrics Using N-Gram Edit Distance, *International Journal of Advanced Intelligence (IJAI),* **Vol.8,** *No.1,* 1-11, 2016.
7. **Akira Fujisawa, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** An Illustration Image Classification Focusing on Infrequent Colors, *International Journal of Advanced Intelligence (IJAI),* **Vol.8,** *No.1,* 72-83, 2016.
8. **Kazuyuki Matsumoto, Minoru Yoshida, Seiji Tsuchiya, Kenji Kita *and* Fuji Ren :** Slang Analysis Based on Variant Information Extraction Focusing on the Time Series Topics, *International Journal of Advanced Intelligence (IJAI),* **Vol.8,** *No.1,* 84-98, 2016.
9. **Tian Chen, Xin Yi, Wei Wang, Jun Liu, Huaguo Liang, 任 福継 :** Low Power Multistage Test Data Compression Scheme, *ACTA ELECTRONICA SINICA,* **Vol.44,** *No.4,* 241-247, 2016年.
10. **任 福継, Yanqiu Li, Liangfeng Xu, Min Hu, Xiaohua Wang :** Face recognition method based on local mean pattern description and double weighted decision fusion for classification, *Journal of Image and Graphics,* **Vol.21,** *No.5,* 565-573, 2016年.
11. **Sun Yan, Fuji Ren, XIN KANG *and* Changqin Quan :** Developing a Japanese Adverb-Emotion Corpus to Investigate the Effect of Adverbs in Japanese Sentence Emotion Classification, *International Journal of Advanced Intelligence (IJAI),* **Vol.8,** *No.1,* 99-116, 2016.
12. **Xiao Sun, Jiaqi Yi *and* Fuji Ren :** Detecting Influenza States based on Hybrid Model with Personal Emotional Factors from Social Networks, *Neurocomputing,* **Vol.210,** 257-268, 2016.
13. **Fuji Ren *and* Chao Li :** Hybrid Chinese Text Classification Approach Using General Knowledge from Baidu Baike, *IEEJ Transactions on Electrical and Electronic Engineering (TEEE),* **Vol.11,** *No.5,* 488-498, 2016.
14. **Xiao Sun, Ting Pan *and* Fuji Ren :** Facial Expression Recognition Using ROI-KNN Deep Convolutional Neural Networks, *ACTA AUTOMATICA SINICA,* **Vol.42,** *No.6,* 883-891, 2016.
15. **Fuji Ren, Yu Wang *and* Changqin Quan :** A novel factored POMDP model for affective dialogue management, *Journal of Intelligent and Fuzzy Systems,* **Vol.31,** *No.1,* 127-136, 2016.
16. **Xiao Sun, Chongyuan Sun, Fuji Ren, Fang Tian *and* Kunxia Wang :** Emotional Element Detection and Tendency Judgment Based on Mixed Model with Deep Features, *15th IEEE/ACIS International Conference on Computer and Information Science,* 2016.
17. **Xiao Sun, Xiaoqi Peng *and* Fuji Ren :** Detect the Emotions of Whe Public Based on Cascade Neural Network Model, *15th IEEE/ACIS International Conference on Computer and Information Science,* 2016.
18. **Fei Gao, Xiao Sun, Kunxia Wang *and* Fuji Ren :** Chinese micro-blog sentiment analysis based on semantic features and PAD model, *15th IEEE/ACIS International Conference on Computer and Information Science,* 2016.
19. **Yiming Tang *and* Fuji Ren :** Variable Differently Implicational Inference for R- and S-Implications, *International Journal of Information Technology & Decision Making,* **Vol.15,** *No.5,* 1235-1264, 2016.
20. **任 福継, Yanqiu Li, Min Hu, Liangfeng Xu :** Face Recognition Method Based on Multi Features Description and Local Fusion Classification Decision, *Opto-Electronic Engineering,* **Vol.43,** *No.9,* 82-89, 2016年.
21. **Yu Gu, Lianghu Quan *and* Fuji Ren :** AAH: accurate activity recognition of human beings using WiFi signals, *Concurrency and Computation : Practice & Experience,* **Vol.28,** *No.14,* 3910-3926, 2016.
22. **Xiao Sun, Chengcheng LI *and* Fuji Ren :** Sentiment Analysis for Chinese Microblog based on Deep Neural Networks with Convolutional Extension Features, *Neurocomputing,* **Vol.210,** 227-236, 2016.
23. **Satoshi Tamura, Hiroshi Ninomiya, Norihide Kitaoka, Shin Osuga, Yurie Iribe *and* Kazuya Takeda :** Investigation of DNN-based audio-visual speech recognition, *IEICE Transactions on Information and Systems,* **Vol.E99-D,** *No.10,* 2016.
24. **Jun Liu, Tangya Wang, 任 福継 :** Bad-Die Recycling Technique for Yield Enhancement of Three-Dimensional Memories, *Microelectronics & Computer,* **Vol.33,** *No.10,* 7-12, 2016年.
25. **Wei Wang, Xia Zhu, Fang Fang, Zhenlu Qin, Erhui Guo, 任 福継 :** Optimal design of 3D chip scan chains based on cores-hierarchical-placement, *Journal of Electronic Measurement and Instrument,* **Vol.30,** *No.10,* 1482-1489, 2016年.
26. **Yu Gu, Fuji Ren *and* Jie Li :** PAWS: Passive Human Activity Recognition Based on WiFi Ambient Signals, *IEEE Internet of Things Journal,* **Vol.3,** *No.5,* 796-805, 2016.
27. **Xiaohua Wang, Ruijing Li, Min Hu, 任 福継 :** Occluded facial expression recognition based on the fusion of local features, *Journal of Image and Graphics,* **Vol.21,** *No.11,* 1473-1482, 2016年.
28. **Xiao Sun, Jiajin He, 任 福継 :** Ironically linguistic judgement based on hybrid neural network model via multi-feature fusion, *Journal of Chinese Information Processing,* **Vol.30,** *No.6,* 37-45, 2016年.
29. **Xiao Sun, Zhongyuan Sun, 任 福継 :** Biomedical Named Entity Recognition Based on Deep Conditional Random Fields, *Moshi Shibie yu Rengong Zhineng/Pattern Recognition and Artificial Intelligence,* **Vol.29,** *No.11,* 997-1008, 2016年.
30. **Bohan Chen, Norihide Kitaoka *and* Kazuya Takeda :** Impact of acoustic similarity on efficiency of verbal information transmission via subtle prosodic cues, *EURASIP Journal on Audio, Speech, and Music Processing,* **Vol.2016,** *No.19,* 2016.
31. **Xiao Sun, Fei Gao, 任 福継 :** Mining the impact of social news on the emotions of users based on Deep Model, *Journal of Chinese Information Processing,* 29-32, 2016年.
32. **Fuji Ren *and* Zhong Huang :** Automatic Facial Expression Learning Method Based on Humanoid Robot XIN-REN, *IEEE Transactions on Human-Machine Systems,* **Vol.46,** *No.6,* 810-821, 2016.
33. **Fuji Ren *and* Xiao Sun :** Current Situation and Development of Intelligence Robots, *ZTE,* **Vol.14,** *No.S1,* 25-34, 2016.
34. **Xiaohua Wang, Dengyong Hou, Min Hu, 任 福継 :** Dual-modality Emotion Recognition Model Based on Temporal-spatial LBP Moment and Dempster-Shafer Evidence Fusion, *Opto-Electronic Engineering,* **Vol.43,** *No.12,* 154-161, 2016年.
35. **Chao Li, Fuji Ren *and* XIN KANG :** Selectional Preferences Based on Distributional Semantic Model, *WSEAS Transactions on Computers,* **Vol.15,** 258-264, 2016.
36. **Xiaohua Wang, Xinyue Liu, Lingyun Li, Fuming Zhang, MIn Hu *and* Fuji Ren :** GlycCompSoft: Software for Automated Comparison of Low Molecular Weight Heparins Using Top-Down LC/MS Data, *PLoS ONE,* **Vol.11,** *No.12,* 2016.
37. **Zhong Huang *and* Fuji Ren :** Facial expression recognition method based on multi-regional D-S evidences theory fusion, *IEEJ Transactions on Electrical and Electronic Engineering (TEEE),* 2016.
38. **Xiao Sun, Chongyuan Sun, Changqin Quan, Fuji Ren, Fang Tian *and* Kunxia Wang :** Fine-Grained Emotion Analysis Based on Mixed Model for Product Review, *International Journal of Networked and Distributed Computing,* **Vol.5,** *No.1,* 1-11, 2017.
39. **Zhang Guodong, Jiang Peilin, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Reidentification of Persons Using Clothing Features in Real-Life Video, *Applied Computational Intelligence and Soft Computing,* **Vol.2017,** 1-9, 2017.
40. **松本 和幸, 土屋 誠司, 芋野 美紗子, 吉田 稔, 北 研二 :** 感性を考慮した日本語俗語の標準語変換, *人工知能学会論文誌,* **Vol.32,** *No.1,* WII-A\_1-12, 2017年.
41. **Min Hu, Zixi Yu, Xiaohua Wang, 任 福継, Lei He :** 顔認識のためのG-LBPと分散クロスプロジェクション機能, *Journal of Graphics,* **Vol.38,** *No.1,* 82-89, 2017年.
42. **Xiaohua Wang, Dengyong Hou, Min Hu, 任 福継 :** 複合時空間特徴に基づくデュアルモダリティ感情認識, *Journal of Image and Graphics,* **Vol.22,** *No.1,* 39-48, 2017年.
43. **Yiming Tang *and* Fuji Ren :** Fuzzy Systems Based on Universal Triple I Method and Their Response Functions, *International Journal of Information Technology & Decision Making,* **Vol.16,** *No.2,* 443-471, 2017.
44. **Xiao Sun, Fuji Ren *and* Jiaqi Ye :** Trends Detection of Flu based on Essemble Models with Emotional Factors from Social Networks, *IEEJ Transactions on Electrical and Electronic Engineering (TEEE),* **Vol.12,** *No.3,* 388-396, 2017.
45. **XIN KANG, Yunong Wu *and* Fuji Ren :** Disambiguating Users' Temporal Intent in Search Queries with Deep Neural Networks, *International Journal of Advanced Intelligence (IJAI),* **Vol.9,** *No.1,* 11-28, 2017.
46. **Jiawen Deng, Mingyu Huang *and* Fuji Ren :** Text Classification Based on Word Co-occurrence with Background knowledge, *International Journal of Advanced Intelligence (IJAI),* **Vol.9,** *No.1,* 29-42, 2017.
47. **Shun Nishide, Hidenobu Shibasaki, XIN KANG *and* Fuji Ren :** Generation of Humanlike Facial Expression for Natural Human-Robot Interaction System, *International Journal of Advanced Intelligence (IJAI),* **Vol.9,** *No.1,* 77-65, 2017.
48. **Min Hu, Yaona Zheng, Xiaoyin Huang *and* Fuji Ren :** FacialExpressionRecognitionBasedonMonogenicMulti-featureandFused SparseRepresentation, *International Journal of Advanced Intelligence (IJAI),* **Vol.9,** *No.1,* 111-126, 2017.
49. **Xun Feng, Hongjun Ni *and* Fuji Ren :** Voice conversion based on RBF neural network, *International Journal of Advanced Intelligence (IJAI),* **Vol.9,** *No.2,* 163-173, 2017.
50. **Norihide Kitaoka :** FOREWORD: Special section on recent advances in machine learning in spoken language processing, *IEICE Transactions on Information and Systems,* **Vol.E-99-D,** *No.10,* 2422, Oct. 2016.
51. **Yu Gu, Mengni Chen, Fuji Ren *and* Jie Li :** Handling Environmental Dynamics in Indoor WiFi Fingerprint Localization, *2016 IEEE Wireless Communications and Networking Conference (WCNC),* 1-6, Doha, Qatar, Apr. 2016.
52. **Yu Gu, Lianghu Quan, Fuji Ren *and* Jie Li :** Optimal parameter setting for indoor localization via big data analysis, *Computer Communications Workshops (INFOCOM WKSHPS), 2016 IEEE Conference on,* 1-6, San Francisco, CA, USA, Apr. 2016.
53. **Kazuyuki Matsumoto, Manabu Sasayama, Kohsuke Miyauchi, Minoru Yoshida *and* Kenji Kita :** Lyric Retrieval System Based on Word's Intimacy Value, *Advances in Engineering Research,* **Vol.24,** 84-87, May 2016.
54. **Yurie Iribe, Norihide Kitaoka *and* Shuhei Segawa :** Speech Corpus Spoken by Young-old, Old-old and Oldest-old Japanese, *Proc. LREC 2016,* 4674-4677, May 2016.
55. **XIN KANG *and* Fuji Ren :** Understanding Blog author's emotions with hierarchical Bayesian models, *2016 IEEE 13th International Conference on Networking, Sensing, and Control (ICNSC),* 1-6, Mexico City, Mexico, May 2016.
56. **XIN KANG, Yunong Wu *and* Fuji Ren :** KGO at the NTCIR-12 Temporalia Task: Exploring Temporal Information in Search Queries, *Proceedings of the 12th NTCIR Conference on Evaluation of Information Access Technologies,* 247-252, Tokyo, Jun. 2016.
57. **Ning Liu, Mengjia He, Chao Li, XIN KANG *and* Fuji Ren :** TUTA1 at the NTCIR-12 Temporalia Task, *Proceedings of the 12th NTCIR Conference on Evaluation of Information Access Technologies,* 258-261, Tokyo, Jun. 2016.
58. **Bin Zhang, Changqin Quan *and* Fuji Ren :** Study on CNN in the recognition of emotion in audio and images, *Computer and Information Science (ICIS), 2016 IEEE/ACIS 15th International Conference on,* 319-323, Okayama, Japan, Jun. 2016.
59. **Zhang Guoliang, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Face Identification based on Deep Learning Using Low Pixel Images, *International Conference on Engineering & Technology, Computer, Basic & Applied Sciences,* Jul. 2016.
60. **Inoue Yuta, Shun Nishide *and* Fuji Ren :** Facial Expression Recognition Adaptive to Face Pose Using RGB-D Camera, *Springer International Publishing Switzerland, IEA/AIE 2016,* **Vol.LNAI 9799,** 422-427, Aug. 2016.
61. **Watanabe Kanta, Shun Nishide, Gouko Manabu *and* Kim Hae Chyon :** Fully Automated Learning for Position and Contact Force of Manipulated Object with Wired Flexible Finger Joints, *Springer International Publishing Switzerland, IEA/AIE 2016,* **Vol.LNAI 9799,** 753-767, Aug. 2016.
62. **Yanqiu Li, Fuji Ren *and* Min Hu :** Facial Expression Recognition based on DT-CWT and Weighted Inverse Cloud Model, *Modelling, Simulation and Identification / 841: Intelligent Systems and Control,* Campinas, Brazil, Aug. 2016.
63. **Zhong Huang, Fuji Ren *and* Yanwei Bao :** Human-like facial expression imitation for humanoid robot based on recurrent neural network, *International Conference on Advanced Robotics and Mechatronics (ICARM),,* Aug. 2016.
64. **Norihide Kitaoka, Shuhei Segawa *and* Kazuya Takeda :** Emotion recognition from speech using a physical model, *Proc. ICA2016,* Sep. 2016.
65. **Yuichi Nagata :** Population Diversity Measures Based on Variable-Order Markov Models for the Traveling Salesman Problem, *Proceedings of the 14th International Conference on Parallel Problem Solving from Nature (PPSN 2016),* 973-983, Sep. 2016.
66. **Kazuyuki Matsumoto, Seiji Tsuchiya, Minoru Yoshida *and* Kenji Kita :** Judgment of Slang Based on Character Feature and Feature Expression Based on Slangs Context Feature, *Communications in Computer and Information Science,* **Vol.652,** 280-288, Kuala Lumpur, Sep. 2016.
67. **Kazuyuki Matsumoto, Minoru Yoshida, Kenji Kita, Yunong Wu *and* Iwasa Fumihiro :** Effect of Users Attribute on Emotion Estimation from Twitter, *Proceedings of the 2nd IEEE International Conference on Computer and Communications,* **Vol.3,** 1186-1190, Oct. 2016.
68. **Fuji Ren :** Robot Evolution and Humanitarian Intelligence, *Institute of Automation, Chinese Academy of Sciences,* Oct. 2016.
69. **Fuji Ren :** IQ and EQ of The future robot, *World Robot Conference 2016,* Oct. 2016.
70. **Takuma Nakagawa *and* Norihide Kitaoka :** Multimodal control system for autonomous vehicles using speech and gesture recognition, *5th ASA/ASJ Joint Meeting,* Nov. 2016.
71. **Eichi Seto *and* Norihide Kitaoka :** Example-based spoken chat system which can be cutomized for each user, *5th ASA/ASJ Joint Meeting,* Nov. 2016.
72. **Fuji Ren :** On measures against aged society based on advanced intelligence, *2,* Nov. 2016.
73. **Fenfen Chen, Lujia Wang, Jue Lu, Fuji Ren, Yang Wang, Xi Zhang *and* Changzhong Xu :** A Smart Cloud Robotic System Based on Cloud Computing Services, *Cloud Computing and Big Data (CCBD), 2016 7th International Conference on,* Macau, China, Nov. 2016.
74. **Fuji Ren :** Affective Computing and Human Robot Interaction, *Peking University Shenzhen Graduate School,* Nov. 2016.
75. **Minoru Yoshida, Kazuyuki Matsumoto *and* Kenji Kita :** Table Topic Models for Hidden Unit Estimation, *Proceedings of the 12th Asia Information Retrieval Societies Conference (AIRS2016), LNCS 9994,* 302-307, Dec. 2016.
76. **Akira Fujisawa, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Improvement of the Histogram for Infrequent Color-Based Illustration Image Classification, *Fuzzy Systems and Data Mining II, Frontiers in Artificial Intelligence and Applications,* **Vol.293,** 299-305, Dec. 2016.
77. **Yang Wang, Shuibing He, Fuji Ren, Lujia Wang *and* Changzhong Xu :** On Autonomous Service Migrations in the Cloud for Mobile Accesses, *Parallel and Distributed Systems (ICPADS), 2016 IEEE 22nd International Conference on,* Las Vegas, Dec. 2016.
78. **Kazuyuki Matsumoto, Tanaka Satoshi, Minoru Yoshida, Kenji Kita *and* Fuji Ren :** Ego-state Estimation from Short Texts Based on Sentence Distributed Representation, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Dec. 2016.
79. **Fuji Ren :** Advanced Intelligence and Multisource Imaging Model, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
80. **XIN KANG, Yunong Wu *and* Fuji Ren :** Disambiguating Users' Temporal Intent in Search Queries with Deep Neural Networks, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* 1, Okinawa, Dec. 2016.
81. **Chao Li *and* Fuji Ren :** Classification of Biological Contacts and Crystal Contacts Using Deep Learning Model, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
82. **Xiao Sun, Man Lv, Changqin Quan, Fang Tian *and* Fuji Ren :** Facial Expression Recognition Based on Hybrid Deep-learning and Shallow Features, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
83. **Shun Nishide, Hidenobu Shibasaki, XIN KANG *and* Fuji Ren :** Generation of Humanlike Facial Expression for Natural Human-Robot Interaction System, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
84. **Hiroki Urakami, Shun Nishide *and* Fuji Ren :** Towards a Developmental Human-Robot Interaction System Using Robot Facial Expressions From Human Feedback, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
85. **Jiawen Deng, Mingyu Huang *and* Fuji Ren :** Text classification based on word co-occurrence with background knowledge, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
86. **Xun Feng, Hongjun Ni *and* Fuji Ren :** Voice conversion based on RBF neural network, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
87. **Zhichao Cui, Yuehu Liu *and* Fuji Ren :** Integration of Homography Constraints and Feature Correspondences in the Image Sequences for Traffic Sign Localization, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
88. **Penlin Jiang, Ziqin Wang, Fei Wang, Xuetao Zhang *and* Fuji Ren :** Salient Object Detection from Global to Local, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
89. **Ma Lei, Jiang Bitao *and* XIN KANG :** Shorthand Character Recognition based on Leap Motion Sensor, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* **Vol.0,** *No.0,* 1, Okinawa, Dec. 2016.
90. **Shuda Xing, Yang Cao *and* Fuji Ren :** Human-robot emotion interaction via human skeleton tracking, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
91. **Kai Yang, Quan Shi *and* Fuji Ren :** Speech emotion recognition based on MFCC and D-MFCC, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
92. **Yindong Dong, Fuji Ren, Fang Fang *and* Wei Wang :** An improved clustering algorithm for EEG-based Emotion feature selection, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
93. **Changqin Quan, Lei Hua, Xiao Sun *and* Fuji Ren :** Improve question type classification by integrating rich representation through neural networks, *The 11th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'16),* Okinawa, Dec. 2016.
94. **Kenji Kita, Kazuyuki Matsumoto, Minoru Yoshida *and* Yunong Wu :** A Comparison of Face Recognition Features Derived from Convolutional Neural Networks, *Conference Abstracts of the 2017 International Conference on Frontiers of Image Processing,* 17, Kathmandu, Nepal, Mar. 2017.
95. **Fuji Ren :** Mental Health Computing and Emotional Robotic, *The Fourth Military Medical Universit,* Xian, China, Mar. 2017.
96. **Fuji Ren :** Health Computing and Emotional Robots, *Xi'an Fourth Military Medical University,* Xian, China, Mar. 2017.
97. **吉田 稔, 松本 和幸, 北 研二 :** 表形式のトピックモデルとその数値単位推定への応用, *情報処理学会自然言語処理研究会研究報告,* **Vol.2016-NL-226,** *No.16,* 1-6, 2016年5月.
98. **藤澤 日明, 松本 和幸, 吉田 稔, 北 研二 :** 画像特徴量を用いたアスキーアートからの顔文字検出, *人工知能学会全国大会2016講演論文集,* 1-2, 2016年6月.
99. **田中 聡, 松本 和幸, 吉田 稔, 北 研二 :** 情報推薦のための Twitter ユーザの性格分析手法, *人工知能学会全国大会2016発表予稿集,* 1-4, 2016年6月.
100. **藤岡 亮太, 吉田 稔, 松本 和幸, 北 研二 :** Twitterから抽出したユーザの発言に基づく健康状態の推定, *人工知能学会全国大会2016発表予稿集,* 2016年6月.
101. **松田 紘伸, 吉田 稔, 松本 和幸, 北 研二 :** Twitterを用いた病気の事実性解析及び知識ベース構築, *人工知能学会全国大会2016講演論文集,* 2016年6月.
102. **林 知樹, 北岡 教英, 戸田 智基, 武田 一哉 :** Deep Neural Networkに基づく日常生活行動認識における適応手法, *映像情報メディア学会技術報告,* **Vol.SP-2016,** *No.27,* 1-6, 2016年8月.
103. **藤澤 日明, 松本 和幸, 吉田 稔, 北 研二 :** 出現頻度の低い色に注目した作風に基づくイラスト画像の分類, *第15回情報科学技術フォーラム講演論文集,* **Vol.3,** 87-88, 2016年9月.
104. **長房 慶, 松本 和幸, 吉田 稔, 北 研二 :** Deep Convolutional Neural Network による顔画像からの表情識別, *第15回情報科学技術フォーラム講演論文集,* **Vol.3,** 293-294, 2016年9月.
105. **中川 拓磨, 北岡 教英 :** 音声と指差しを用いた自動運転車とのマルチモーダルインタラクション, *日本音響学会講演論文集,* **Vol.3-Q-11,** 2016年9月.
106. **瀬戸 栄地, 北岡 教英 :** 単語の分散表現を用いた雑談対話システムの事例適, *日本音響学会講演論文集,* **Vol.2-Q-8,** 2016年9月.
107. **永井 浩紀, 藤澤 日明, 松本 和幸, 吉田 稔, 北 研二 :** 深層学習に基づく顔画像によるアニメキャラクタの分類, *平成28年度電気関係学会四国支部連合大会講演論文集,* 178, 2016年9月.
108. **藤岡 佑樹, 吉田 稔, 松本 和幸, 北 研二 :** 8bit 音源に対する自動採譜システムに関する研究, *平成28年度電気関係学会四国支部連合大会講演論文集,* 17-5, 2016年9月.
109. **康 鑫 :** 言語処理に基づく感情認識, *エンジニアリングフェスティバル 2016,* 2016年9月.
110. **齋藤 誠, 小野 典彦, 永田 裕一 :** 騙し構造をもつ最適化問題への 適用を考慮したニッチングGAの提案, *計測自動制御学会 システム・情報部門 学術講演会 2016,* 2016年12月.
111. **沖 展彰, 小野 典彦, 永田 裕一 :** 実問題制約付き車両配送問題に対する配送計画システムの提案, *進化計算学会 進化計算シンポジウム2016,* 2016年12月.
112. **今宮 明則, 小野 典彦, 永田 裕一 :** GA を用いた絵画的迷路の自動生成, *進化計算学会 進化計算シンポジウム2016,* 2016年12月.
113. **西村 悠哉, 小野 典彦, 永田 裕一 :** 解構造のシームレスな変異と集団の多様性維持に基づくリカレントニューラルネットの進化的設計, *進化計算学会 進化計算シンポジウム2016,* 2016年12月.
114. **寺尾 圭一郎, 小野 典彦, 永田 裕一 :** 差分データを用いた巡回セールスマン問題のための GA-EAX の効率的並列化, *進化計算学会 進化計算シンポジウム2016,* 2016年12月.
115. **永田 裕一 :** 可変長マルコフモデルに基づく巡回セールスマン問題に対する GA の多様性指標の提案, *進化計算学会 進化計算シンポジウム2016,* 2016年12月.
116. **吉田 稔, 松本 和幸, 北 研二 :** 表形式からの分散表現獲得, *情報処理学会自然言語処理研究会研究報告,* **Vol.2016-NL-229,** *No.19,* 1-6, 2016年12月.
117. **田浦 拓, 小野 典彦, 永田 裕一 :** 進化計算を用いた非球面カメラレンズ設計, *第29回自律分散システム・シンポジウム,* 2017年1月.
118. **山吹 卓也, 小野 典彦, 永田 裕一 :** 同卓スケジューリング問題のモデル化とメタ戦略を用いた近似解法の開発, *第29回自律分散システム・シンポジウム,* 2017年1月.
119. **太田 健吾, 丸本 理貴人, 北岡 教英 :** ユーザ発話の音響情報に基づく雑談対話システムの応答種別選択, *日本音響学会講演論文集,* **Vol.3-5-4,** 2017年3月.
120. **冬野 雄三, 北岡 教英 :** 対話システムとのタスク指向型・非タスク指向型対話における特徴と嗜好の関係分析, *日本音響学会講演論文集,* **Vol.2-P-13,** 2017年3月.
121. **澤田 優希, 入部 百合絵, 北岡 教英 :** マルチモーダル情報を用いた運転中におけるシステム向け発話の推定, *日本音響学会講演論文集,* **Vol.2-P-6,** 149-150, 2017年3月.
122. **黒川 有紀, 入部 百合絵, 北岡 教英 :** 音響的特徴を利用した高齢者の認知症傾向の分析, *日本音響学会研究発表会講演論文集,* **Vol.1-Q-36,** 313-314, 2017年3月.
123. **中川 拓磨, 大須 賀晋, 北岡 教英 :** 音声・指差し・視線認識を用いた自動運転車とのマルチモーダルインタラクション, *電子情報通信学会総合大会講演論文集,* **Vol.D-14-4,** 2017年3月.
124. **三宅 剛史, 松本 和幸, 吉田 稔, 北 研二 :** 分散表現を用いた有害表現判別に基づく炎上予測, *人工知能学会インタラクティブ情報アクセスと可視化マイニング研究会(第15回),* 1-6, 2017年3月.
125. **松本 流星, 吉田 稔, 松本 和幸, 北 研二 :** Twitter を用いた感染症発生動向の視覚化, *人工知能学会インタラクティブ情報アクセスと可視化マイニング研究会(第15回),* 48-53, 2017年3月.
126. **松本 和幸, 任 福継, 吉田 稔, 北 研二 :** 感情表出傾向の分析による対話破綻検出, *言語処理学会第23回年次大会発表論文集,* 158-161, 2017年3月.
127. **Jiawen Deng *and* Fuji Ren :** Sentiment analysis of Chinese corpus based on emotional lexicon, *2017年電子情報通信学会総合大会,* D-5-2-29, Mar. 2017.
128. **石丸 善康, 伊藤 伸一, 宇野 剛史, 岡村 康弘, 大平 健司, 小野 公輔, 掛井 秀一, 金西 計英, 澤田 麻衣子, 蓮沼 徹, 古屋 S. 玲, 松浦 健二, 松本 和幸, 土岐 順子, 阿部 香織, 山﨑 紅, 辰巳 丈夫, 勝村 幸博 :** 情報科学入門, 日経BP社, 東京, 2017年4月.
129. **Fuji Ren, Shun Nishide, Kazuyuki Matsumoto, XIN KANG, Duo Feng *and* Mengjia He :** Artificial Intelligence with Uncertainty, NTS, Jun. 2017.
130. **Kazuyuki Matsumoto, Hayato Shimizu, Minoru Yoshida *and* Kenji Kita :** Time-Series Analysis of Video Comments on Social Media, Worlds largest Science, Technology & Medicine Open Access book publisher, Jul. 2017.
131. **Yu Gu, Min Peng, Fuji Ren *and* Jie Li :** Smart Technologies for Emergency Response and Disaster Management (Chaoter 3, WiFi Fingerprint Localization for Emergency Response: Harvesting Environmental Dynamics for a Rapid Setup), IGI Global, Jan. 2018.
132. **谷岡 広樹, 康 鑫 :** いちばんやさしい ディープラーニング 入門教室, 株式会社ソーテック, 東京, 2018年2月.
133. **Kazuyuki Matsumoto, Satoshi Tanaka, Minoru Yoshida, Kenji Kita *and* Fuji Ren :** Ego-state Estimation from Short Texts Based on Sentence Distributed Representation, *International Journal of Advanced Intelligence (IJAI),* **Vol.9,** *No.2,* 145-161, 2017.
134. **Hiroki Urakami, Shun Nishide *and* Fuji Ren :** Towards a Developmental Human-Robot Interaction System Using Robot Facial Expressions From Human Feedback, *International Journal of Advanced Intelligence (IJAI),* **Vol.9,** *No.2,* 127-136, 2017.
135. **Fuji Ren *and* Lei Wang :** Sentiment analysis of text based on three-way decisions, *Journal of Intelligent and Fuzzy Systems,* **Vol.33,** *No.1,* 245-254, 2017.
136. **Changqin Quan, Bin Zhang, Xiao Sun *and* Fuji Ren :** A combined cepstral distance method for emotional speech recognition, *International Journal of Advanced Robotic Systems,* **Vol.14,** *No.4,* 1-9, 2017.
137. **Jun Liu, Jin Li, Wei Wang, 任 福継 :** A Stacking Scheme Using Adjacent Redundancy Across Dies for 3D-stacked Memory, *Microelectronics & Computer,* **Vol.34,** *No.7,* 1-6, 2017年.
138. **Zhang Guodong, Jiang Peiling, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** An Improvement of Pedestrian Detection Method with Multiple Resolutions, *Journal of Computer and Communications,* **Vol.5,** *No.9,* 102-116, 2017.
139. **Heng Zhang, Shupeng Liu, Xiangfei Yang, Na Chen, Fufei Pang, Zhenyi Chen, Tingyun Wang, Jianshe Zhou, Fuji Ren, Xiaoyin Xu *and* Taihao Li :** LED Phototherapy With Gelatin Sponge Promotes Wound Healing in Mice, *Photochemistry and Photobiology,* 2017.
140. **Xiao Sun, Xiaoqi Peng, Min Hu, 任 福継 :** Extended Multi-modality Features and Deep Learning Based Microblog Short Text Sentiment Analysis, *Journal of Electronics and Information Technology,* **Vol.39,** *No.9,* 2048-2055, 2017年.
141. **Yunong Wu, Kenji Kita, Kazuyuki Matsumoto, XIN KANG *and* Fuji Ren :** Constructing A Short Text Conversation system Based on the Relations Between Posts and Comments, *International Journal of Advanced Intelligence (IJAI),* **Vol.9,** *No.3,* 369-380, 2017.
142. **Kazuyuki Matsumoto, Akira Fujisawa, Minoru Yoshida *and* Kenji Kita :** Emotion Recognition of Emoticon Based on Character Embedding, *Journal of Software,* **Vol.12,** *No.11,* 849-857, 2017.
143. **Yu Gu, Jinhai Zhan, Yusheng Ji, Jie Li, Fuji Ren *and* Shangbin Gao :** MoSense: An RF-Based Motion Detection System via Off-the-Shelf WiFi Devices, *IEEE Internet of Things Journal,* **Vol.4,** *No.6,* 2326-2341, 2017.
144. **Xiao Sun, Man LV, Changqin Quan, Fang Tian, Fuji Ren *and* Kunxia Wang :** Fine-Grained Emotion Elements Extraction and Tendency Judgment Based on Mixed Model, *Information Engineering Express,* **Vol.3,** *No.4,* 21-32, 2017.
145. **Kazuyuki Matsumoto, Fuji Ren, Minoru Yoshida *and* Kenji Kita :** Review Score Estimation Based on Transfer Learning of Different Media Review Data, *International Journal of Advanced Intelligence (IJAI),* **Vol.9,** *No.4,* 541-555, 2017.
146. **Fuji Ren, Yanqiu Li *and* Min Hu :** Multi-classifier ensemble based on dynamic weights, *Multimedia Tools and Applications,* **Vol.9,** *No.2,* 1-15, 2017.
147. **Minjia Li, Lun Xie, Zhiliang Wang *and* Fuji Ren :** Emotion and Cognitive Reappraisal Based on GSR Wearable Sensor, *ZTE Communications,* **Vol.15,** *No.S2,* 18-22, 2017.
148. **Fuji Ren *and* Kazuyuki Matsumoto :** Emotion Analysis on Social Big Data, *ZTE Communications,* **Vol.15,** *No.S2,* 30-37, 2017.
149. **Taihao Li, Tuya Naren, Jianshe Zhou, Fuji Ren *and* Shupeng Liu :** An Improved K Means Algorithm Based on Initial Clustering Center Optimization, *ZTE Communications,* **Vol.15,** *No.S2,* 43-46, 2017.
150. **Tomoki Hayashi, Masafumi Nishida, Norihide Kitaoka, Tomoki Toda *and* Kazuya Takeda :** Daily Activity Recognition with Large-scaled Real-life Recording Datasets Based on Deep Neural Network using Multi-modal Signals, *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences,* **Vol.E101-A,** *No.1,* 199-210, 2018.
151. **XIN KANG, Fuji Ren *and* Yunong Wu :** Exploring latent semantic information for textual emotion recognition in Blog articles, *IEEE/CAA Journal of Automatica Sinica,* **Vol.5,** *No.1,* 204-216, 2018.
152. **任 福継 :** About unclear power of artificial intelligence, *Communication of Chinese Association for Artificial Inteigence,* **Vol.8,** *No.1,* 6-9, 2018年.
153. **Yuichi Nagata :** Random Partial Neighborhood Search for the Post-Enrollment Course Timetabling Problem, *Computers & Operations Research,* **Vol.90,** 84-96, 2018.
154. **Yuichi Nagata *and* Isao Ono :** A Guided Local Search with Iterative Ejections of Bottleneck Operations for the Job Shop Scheduling Problem, *Computers & Operations Research,* **Vol.90,** 60-71, 2018.
155. **Kazuyuki Matsumoto, Seiji Tsuchiya, Miyake Takeshi, Minoru Yoshida *and* Kenji Kita :** Flame Prediction Based on Harmful Expression Judgement Using Distributed Representation, *International Journal of Technology and Engineering Studies,* **Vol.4,** *No.1,* 7-15, 2018.
156. **Xiao Sun, Chen Zhang, Guoqiang Li, Daniel Sun, Fuji Ren, Albert Zomaya *and* Rajiv Ranjan :** Detecting Users' Anomalous Emotion Using Social Media for Business Intelligence, *Journal of Computational Science,* **Vol.25,** 193-200, 2018.
157. **山吹 卓矢, 小野 典彦, 永田 裕一 :** 同卓スケジューリング問題のモデル化とその動的スケジューリング, *計測自動制御学会論文集,* **Vol.54,** *No.3,* 346-356, 2018年.
158. **Xiaohua Wang, Chen Xia, Min Hu, 任 福継 :** ビデオシーケンスにおける時空間特徴の融合に基づく表情認識, *Journal of Electronics and Information Technology,* **Vol.40,** *No.3,* 626-632, 2018年.
159. **Hirokimi Fukuda, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Index Generation of BGM Video Based on Distinctive Comments, *International Journal of Advanced Intelligence (IJAI),* **Vol.10,** *No.1,* 113-119, 2018.
160. **Fujino Naoya, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Emotion Estimation Adapted to Gender of User Based on Deep Neural Networks, *International Journal of Advanced Intelligence (IJAI),* **Vol.10,** *No.1,* 121-133, 2018.
161. **Jing Zhang, Degen Huang, Kaiyu Huang, Zhuang Liu *and* Fuji Ren :** Corpus Expansion for Neural CWS on Microblog-Oriented Data with λ-Active Learning Approach, *IEICE Transactions on Information and Systems,* **Vol.E101-D,** *No.3,* 778-785, 2018.
162. **Jun Liu, Chengqiang Zhu, Xi Wu, Wei Wang *and* Fuji Ren :** Yield Optimization Technique for Three Dimensional Memory Based on Redundancy Sharing Among Adjacent Layers, *ACTA Electronica Sinica,* **Vol.46,** *No.3,* 629-635, 2018.
163. **Norihide Kitaoka, Shuhei Segawa, Ryota Nishimura *and* Kazuya Takeda :** Recognizing emotions from speech using a physical model, *Acoustical Science and Technology,* **Vol.39,** *No.2,* 167-170, 2018.
164. **藤澤 日明, 松本 和幸, 奥村 紀之, 吉田 稔, 北 研二 :** アスキーアートへの挑戦 - 画像特徴量によるアプローチ -, *人工知能学会誌(-2013),* **Vol.32,** *No.3,* 364-370, 2017年5月.
165. **入部 百合絵, 北岡 教英 :** 音声認識にむけた超高齢者音声のコーパス構築, *日本音響学会誌,* **Vol.73,** *No.5,* 303-310, 2017年5月.
166. **Fuji Ren *and* Yu Gu :** Motion and Emotion Sensing Driven by Big Data, *ZTE Communications,* **Vol.15,** *No.S2,* 1-2, Dec. 2017.
167. **Minoru Yoshida, Kazuyuki Matsumoto *and* Kenji Kita :** Acceleration of Similar Word Search in Distributed Representation, *Proceedings of the 18th International Conference on Computational Linguistics and Intelligent Text Processing (CICLING 2017) (poster),* Apr. 2017.
168. **Minoru Yoshida, Kazuyuki Matsumoto *and* Kenji Kita :** Distributed Representations for Words on Tables, *Proceedings of the 21st Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD 2017), Part-I (LNAI 10234),* 135-146, May 2017.
169. **Yu Gu, Jinhai Zhan, Fuji Ren *and* Xiaoyan Wang :** ``Silence is Golden'': Exploring Ambient Signals for Detecting Motions in a Real-time Manner, *IEEE VTC-fall 2017 (IEEE 86th Vehicular Technology Conference),* Toronto, Jun. 2017.
170. **Yu Gu, Jianwen Tian, Liwen Zhang, Zhi Liu, Fuji Ren *and* Xiaoyan Wang :** Activity Recognition via Channel Response: From Theoretical Analysis to Real-world Experiments, *IEEE 85th Vehicular Technology Conference: VTC2017-Spring,* Toronto, Jun. 2017.
171. **Shuda Xin, Yang Cao *and* Fuji Ren :** Numerical simulation of VAWT on the effects of rotation cylinder, *ACMME 2017 5th Asia Conference on Mechanical and Materials Engineering, No.99,* 1-5, Tokyo, Japan, Jun. 2017.
172. **Fuji Ren :** Affective Computing and Intelligent Robots, *2017 World Intellgence Conference,* Tianjin, China, Jun. 2017.
173. **Zhao Han, Duoqian Miao, Fuji Ren *and* Hongyun Zhang :** Discernibility Matrix and Rules Acquisition Based Chinese Question Answering System, *Lecture Notes in Computer Science (Conference: International Joint Conference on Rough Sets),* 239-248, OLSZTYN, Poland, Jul. 2017.
174. **Xiao Sun, Xiaoqi Peng, Fuji Ren *and* Yun Xue :** Human-Machine Conversation Based on Hybrid Neural Network, *Computational Science and Engineering (CSE) and Embedded and Ubiquitous Computing (EUC), 2017 IEEE International Conference on,* 1-11, Guangzhou, China, Jul. 2017.
175. **Eichi Seto *and* Norihide Kitaoka :** User adaptation of input-response pairs in an example-based dialog system using distributed reporesentations of words, *Proc. ICAICTA2017,* Aug. 2017.
176. **Fuji Ren :** Affective Computing and Emotional Robot, *Beijing University of Posts and Telecommunications,* Beijing, China, Aug. 2017.
177. **Yanqiu Li, Fuji Ren *and* Min Hu :** A Fusion Decision Method Based on the Dynamic Fuzzy Density Assignment, *2017 International Conference on Advances in Image Processing,* 28-32, Bangkok, Thailand, Aug. 2017.
178. **Kazuyuki Matsumoto, Miyake Takeshi, Seiji Tsuchiya, Minoru Yoshida *and* Kenji Kita :** Flame Prediction Based on Harmful Expression Judgement Using Distributed Representation, *Book of Abstracts Proceeding of Engineering & Technology, Computer, Basic and Applied Sciences (ECBA-2017),* **Vol.3,** *No.16,* 11, Taipei, Sep. 2017.
179. **Kenji Kita, Kazuyuki Matsumoto *and* Minoru Yoshida :** Face Identification Based on Deep Convolutional Neural Networks, *9th International Conference on Graphic and Image Processing,* Oct. 2017.
180. **Takuma Nakagawa, Ryota Nishimura, Yurie Iribe, Yoshio Ishiguro, Shin Ohsuga *and* Norihide Kitaoka :** A Human Machine Interface Framework for Autonomous Vehicle Control, *2017 IEEE 6th Global Conference on Consumer Electronics, GCCE 2017,* 413-415, Nagoya, Oct. 2017.
181. **Xiaohua Wang, Chen Xia, Min Hu *and* Fuji Ren :** Facial Expression Recognition under Partial Occlusion Based on Fusion of Global and Local Features, *The 9th International Conference on Graphic and Image Processing,* Qingdao, China, Oct. 2017.
182. **Fuji Ren :** Advanced Natural Processing, *Tongji University,* Shanghai, China, Oct. 2017.
183. **Xiao Sun, Man Lv, Changqin Quan *and* Fuji Ren :** Improved Facial Expression Recognition Method Based on ROI Deep Convolutional Neutral Network, *7th International Conference on Affective Computing and Intelligent Interaction (ACII2017),* 256-261, Texas, USA, Oct. 2017.
184. **Kazuyuki Matsumoto, Akira Fujisawa, Minoru Yoshida *and* Kenji Kita :** Emotion Recognition of Emoticon Based on Character Embedding, *9th International Conference on Software Technology and Engineering (ICSTE2017),* Hong Kong, Oct. 2017.
185. **Takeshi Kusumoto, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Gender Estimation from Facial Images by Deep Neural Network, *Proceedings of Annual Conference on Engineering and Applied Science,* Nov. 2017.
186. **Fuji Ren :** Mental Health Computing and Emotional Robots, *Nanzhou University,* Nanzhou, China, Nov. 2017.
187. **Akira Fujisawa, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Facial Expression Classification Based on Shape Feature of Emoticons, *Proceedings of 1st International Conference on Machine Learning and Data Engineering (iCMLDE2017),* 29-34, Sydney, Nov. 2017.
188. **Yanqiu Li, Fuji Ren *and* Min Hu :** Facial Expression Recognition Based on Dynamic Fuzzy Density, *The 3rd International Conference on Fuzzy Systems and Data Mining,* Hualien, Taiwan, Nov. 2017.
189. **XIN KANG, Yunong Wu *and* Fuji Ren :** TUA1 at the NTCIR-13 Actionable Knowledge Graph Task: Sampling Related Actions from Online Searching, *Proceedings of the 13th NTCIR Conference on Evaluation of Information Access Technologies,* 346-353, Tokyo, Dec. 2017.
190. **Chao Li, XIN KANG *and* Fuji Ren :** Medweb Task: Identify Multi-Symptoms from Tweets Based on Active Learning and Semantic Information, *Proceedings of the 13th NTCIR Conference on Evaluation of Information Access Technologies,* 75-80, Tokyo, Dec. 2017.
191. **Mengjia He, XIN KANG *and* Fuji Ren :** TUA1 at the NTCIR-13 OpenLiveQ Task, *Proceedings of the 13th NTCIR Conference on Evaluation of Information Access Technologies,* 105-107, Tokyo, Dec. 2017.
192. **Yunong Wu, XIN KANG, Kenji Kita *and* Fuji Ren :** TUA1 at NTCIR-13 Short Text Conversation 2 Task, *Proceedings of the 13th NTCIR Conference on Evaluation of Information Access Technologies,* 211-214, Tokyo, Dec. 2017.
193. **Naoya Fujino, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Emotion Estimation Adapted to Gender of User Based on Deep Neural Networks, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering(NLP-KE'17),* 166-178, Dec. 2017.
194. **Hirokimi Fukuda, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Index Generation of BGM Video Based on Distinctive Comments, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering(NLP-KE'17),* 179-184, Dec. 2017.
195. **Kazuyuki Matsumoto, Fuji Ren, Minoru Yoshida *and* Kenji Kita :** Review Score Estimation Based on Transfer Learning of Different Media Review Data, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering(NLP-KE'17),* 185-199, Dec. 2017.
196. **Yasuda Tadayoshi, Yamashita Maki, Shun Nishide, XIN KANG *and* Fuji Ren :** Learning Efficient Drawing Sequence Through Training of Recurrent Neural Network Model, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE17),* 65-76, Chengdu, Dec. 2017.
197. **Ruixue Xia, Fuji Ren, XIN KANG *and* Shun Nishide :** RESEARCH ON CONSTRUCTION AND ANALYSIS OF JAPANESE-CHINESE EMOTIONAL EXPRESSION CORPUS, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE17),* 216-223, Chengdu, Dec. 2017.
198. **Yunong Wu, Kenji Kita, Kazuyuki Matsumoto, XIN KANG *and* Fuji Ren :** Exploring the Relations Between Posts and Comments for Short Text Conversation, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE17),* 228-238, Chengdu, Dec. 2017.
199. **Jie Shen, Ziyun Jiao, Fuji Ren, XIN KANG, Shun Nishide, Suichun Qu *and* Yi Yang :** Realization and Improvement of Robot Object Recognition, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE17),* 251-263, Chengdu, Dec. 2017.
200. **Qian Zhang, Fuji Ren, XIN KANG, Shun Nishide, Shibing Zhang *and* Xiaoge Zhang :** Building Emotional Corpus for Microblogging Emoticons, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE17),* 289-303, Chengdu, Dec. 2017.
201. **Yuming Xu, Fuji Ren, XIN KANG, Shun Nishide *and* Ping Jiang :** Human Pose Recognition in Robots Based on Angle of Joint Vector, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE17),* 304-315, Chengdu, Dec. 2017.
202. **Qianlu Huang, Fuji Ren, XIN KANG, Shun Nishide *and* Qiang Wang :** Recognizing facial emotions in the video, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE17),* 316-327, Chengdu, Dec. 2017.
203. **XIN KANG, Yunong Wu *and* Fuji Ren :** Mining Actionable Intents to Facilitate Search Engine Users' Actions, *Proceedings of The 12th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE17),* 343-351, Chengdu, Dec. 2017.
204. **Fuji Ren :** Emotion Robot and Advanced Intelligence, *The 12th International Conference on Natural Language Processing and Knowledge Engineering,* Chengdu, China, Dec. 2017.
205. **Yu Gu, Yantong Wang, Tao Liu *and* Fuji Ren :** Your WiFi Knows How You Feel: Leveraging Commodity WiFi Devices for Emotion Sensing, *The 12th International Conference on Natural Language Processing and Knowledge Engineering,* Chengdu, China, Dec. 2017.
206. **Duo Feng *and* Fuji Ren :** Selected LBP-TOP based Dynamic Facial Expression Recognition on Ren-VFEdb, *The 12th International Conference on Natural Language Processing and Knowledge Engineering,* Chengdu, China, Dec. 2017.
207. **Xiaohua Wang, Muzi Peng, Min Hu *and* Fuji Ren :** Facial Expression Recognition with Convolutional Neural Networks Based on Joint Loss, *The 12th International Conference on Natural Language Processing and Knowledge Engineering,* Chengdu, China, Dec. 2017.
208. **Haowen Wang, Min Hu, Fuji Ren *and* Xiaohua Wang :** An improved algorithm of human-robot interaction oriented text similarity calculation, *The 12th International Conference on Natural Language Processing and Knowledge Engineering,* Chengdu, China, Dec. 2017.
209. **Ning Liu *and* Fuji Ren :** Multi-label Emotion Computing Using Dense Neural Network Based on Distance Feature Represented Ren\_CECps, *The 12th International Conference on Natural Language Processing and Knowledge Engineering,* Chengdu, China, Dec. 2017.
210. **Fuji Ren :** IQ and EQ for Evolutionary robot, *Sichuan University,* Chengdu, China, Dec. 2017.
211. **Kengo Ohta, Rikito Marumoto, Ryota Nishimura *and* Norihide Kitaoka :** Selecting Type of Response for Chat-like Spoken Dialogue Systems Based on Acoustic Features of User Utterances, *Proceedings of APSIPA Annual Summit and Conference 2017, No.December,* 1-5, Kuala Lumpur, Dec. 2017.
212. **Fuji Ren :** Intellectual business society and Jobless society: Unclear power of artificial intelligence, *2017 GLOBAL UNMANNED SYSTEM CONFERENCE,* Zhuhai, China, Dec. 2017.
213. **Norihide Kitaoka, Nakagawa Takuma, Ryota Nishimura, Ishiguro Yoshio, Kojima Shin'ichi *and* Ohsuga Shin :** A multimodal control system for autonomous vehicles using speech, gesture, and gaze recognition, *DSP in vehicles 2018,* 2018.
214. **Akira Fujisawa, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Visual Similarity for ASCII Arts Using Image Features, *Proceedings of the 2018 2nd International Conference on Machine Vision and Information Technology (CMVIT 2018),* 17, Hong Kong, Feb. 2018.
215. **Kenji Kita, Yunong Wu, Kazuyuki Matsumoto *and* Minoru Yoshida :** The Effectiveness of Image Data Augmentation for Deep Learning, *Conference Abstract of the 3rd International Conference on Multimedia and Image Processing,* 19, Mar. 2018.
216. **Jirela Dilixiati, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Predicting facial expression from emoticon based on convolutional neural networks, *4th International Forum on Advanced Technologies (IFAT 2018),* Mar. 2018.
217. **Xiaohua Wang, Muzi Peng, Min Hu, Chunhua Jin *and* Fuji Ren :** Combination of valence-sensitive loss with restrictive center loss for facial expression recognition, *10th International Conference on Advanced Computational Intelligence,* 528-533, Xiamen, China, Mar. 2018.
218. **Yoshie Setsu, 康 鑫, 西出 俊, 任 福継 :** Extraction emotion from spoken language based on the language information, *The 31st Annual Conference of the Japanese Society for Artificial Intelligence,* 1-2, 2017年5月.
219. **薛 佳恵, 康 鑫, 西出 俊, 任 福継 :** 言語情報に基づく話言葉の感情抽出に関する研究, *人工知能学会全国大会第31回,* **Vol.0,** *No.0,* 1-2, 2017年5月.
220. **藤澤 日明, 松本 和幸, 吉田 稔, 北 研二 :** 画像特徴量を用いた大型アスキーアートの分類手法の提案, *第31回人工知能学会全国大会予稿集,* 1-2, 2017年5月.
221. **福田 寛公, 松本 和幸, 吉田 稔, 北 研二 :** 楽曲に特徴的なコメントに基づく作業用BGMからのインデックス作成, *第31回人工知能学会全国大会予稿集,* 1-2, 2017年5月.
222. **藤野 尚也, 松本 和幸, 吉田 稔, 北 研二 :** ユーザの性別と感情表出傾向との関連, *第31回人工知能学会全国大会予稿集,* 1-4, 2017年5月.
223. **瀬戸 栄地, 西村 良太, 北岡 教英 :** 回想法を指向した事例ベース雑談音声対話システムにおける単語の分散表現を用いたユーザへの事例適応, *電子情報通信学会技術研究報告,* **Vol.117,** 23-28, 2017年10月.
224. **太田 健吾, 西村 良太, 北岡 教英 :** 発話の分散表現に基づく雑談音声対話システムの応答種別選択, *電子情報通信学会技術研究報告, No.SP2017-55,* 1-5, 2017年12月.
225. **永田 裕一 :** 一般化距離尺度を用いたエッシャー風タイリング問題の網羅的解法, *計算学会進化計算シンポジウム2017,* 2017年12月.
226. **今宮 明則, 小野 典彦, 永田 裕一 :** MAを用いた絵画的迷路の自動生成, *第12回コンピューテーショナル・インテリジェンス研究会,* 2017年12月.
227. **織田 雄大, 小野 典彦, 永田 裕一 :** 車両配送問題における追加注文を考慮した配送計画システムの提案, *第12回コンピューテーショナル・インテリジェンス研究会,* 2017年12月.
228. **吉田 稔, 松本 和幸, 北 研二 :** プロフィール情報を用いたテキストの視点分類, *情報処理学会研究報告,* **Vol.2017-NL-234,** *No.11,* 1-5, 2017年12月.
229. **横井 拓矢, 下村 亮太, 永田 裕一, 小野 典彦 :** 進化型ニューラルネットへの適用を考慮したニッチングGAに関する実験的考察, *平成29年度 計測自動制御学会関西支部・システム制御情報学会 若手研究発表会,* 2018年1月.
230. **富田 健市, 永田 裕一, 小野 典彦 :** 共進化的ニッチング世代交代モデルによる対戦型ゲーム戦略の獲得, *平成29年度 計測自動制御学会関西支部・システム制御情報学会 若手研究発表会,* 2018年1月.
231. **芳賀 俊秀, 永田 裕一, 小野 典彦 :** ボナンザメソッドによるシミュレーション方策の学習とそのモンテカルロ大貧民への応用, *平成29年度 計測自動制御学会関西支部・システム制御情報学会 若手研究発表会,* 2018年1月.
232. **下田平 真輝, 永田 裕一, 小野 典彦 :** 構造進化型リカレントニューラルネットANS-TWEANNとその追跡問題への適用, *平成29年度 計測自動制御学会関西支部・システム制御情報学会 若手研究発表会,* 2018年1月.
233. **瀬戸 栄地, 西村 良太, 北岡 教英 :** 単語の分散表現に基づく事例ベース雑談音声対話システムのユーザ適応, *日本音響学会講演論文集,* **Vol.2-8-8,** 49-52, 2018年3月.
234. **川島 愛美, 入部 百合絵, 北岡 教英 :** 高齢者の対話音声から抽出した言語的・音響的特徴に基づく認知症傾向の判別, *日本音響学会講演論文集,* 1-2, 2018年3月.
235. **中川 拓磨, 西村 良太, 入部 百合絵, 石黒 祥生, 大須賀 晋, 北岡 教英 :** 自動運転車の操作におけるマルチモーダルインタラクション, *日本音響学会講演論文集,* 1-4, 2018年3月.
236. **太田 健吾, 西村 良太, 北岡 教英 :** 単語順を考慮したLSTM-RNN に基づく雑談音声対話システムの応答種別選択, *日本音響学会講演論文集,* **Vol.2-8-7,** 45-48, 2018年3月.
237. **西村 良太, 陳 伯翰, 北岡 教英 :** 音声認識における言語モデルへの未知語登録法の検討, *日本音響学会講演論文集,* **Vol.1-Q-23,** 127-130, 2018年3月.
238. **梶並 和明, 西村 良太, 北岡 教英 :** 音声対話破綻検出手法の開発に向けた対話データベースの構築, *日本音響学会講演論文集,* **Vol.2-Q-14,** 177-180, 2018年3月.
239. **片岡 麻輝, 篠山 学, 松本 和幸 :** 歌詞感情コーパスの拡張についての検討, *人工知能学会第82回SLUD(言語・音声理解と対話処理)研究会予稿集,* **Vol.B5,** *No.3,* 1-6, 2018年3月.
240. **高田 優子, 西出 俊, 康 鑫, 任 福継 :** リカレントニューラルネットワークモデルを用いた図形の描画系列学習, *情報処理学会全国大会講演論文集,* 2-489-2-490, 2018年3月.
241. **松本 和幸, 任 福継, 吉田 稔, 北 研二 :** 絵文字を手がかりとした俗語感情コーパスの拡張, *言語処理学会 第24回年次大会 発表論文集,* 797-800, 2018年3月.
242. **杉本 祐貴, 任 福継, 西出 俊, 康 鑫 :** 心的状態遷移ネットワークに基づく感情会話システムの構築, *言語処理学会年次大会,* 658-661, 2018年3月.
243. **安田 伊慶, 西出 俊, 康 鑫, 任 福継 :** 神経回路モデルを用いたプリミティブの階層的学習, *情報処理学会全国大会講演論文集,* 2-219-2-220, 2018年3月.
244. **浦上 浩希, 西出 俊, 康 鑫, 任 福継 :** 連続感情空間上の感情状態遷移に基づく人間・ロボット対話システム, *情報処理学会全国大会講演論文集,* 2-399-2-400, 2018年3月.
245. **Dilixiati Jirela, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Emotion Recognition from Emoticons based on Deep Neural Netwotks, *2018年電子情報通信学会総合大会ISS特別企画学生ポスターセッション予稿集,* Mar. 2018.
246. **横山 翔太, 松本 和幸 :** ゲームクリエイトプロジェクトの活動を通じて得られたこと, *平成29年度全学FD推進プログラム 大学教育カンファレンス in 徳島,* 36-37, 2018年1月.
247. **石丸 善康, 伊藤 伸一, 宇野 剛史, 岡村 康弘, 大平 健司, 小野 公輔, 掛井 秀一, 金西 計英, 澤田 麻衣子, 蓮沼 徹, 古屋 S. 玲, 松浦 健二, 松本 和幸, 土岐 順子, 阿部 香織, 山﨑 紅, 辰巳 丈夫, 勝村 幸博 :** 情報科学入門, 日経BP社, 東京, 2018年4月.
248. **Yu Gu, Tao Liu, Jie Li, Fuji Ren, Zhi Liu, Xiaoyan Wang *and* Peng Li :** EmoSense: Data-driven Emotion Sensing via Off-the-shelf WiFi Devices, IEEE, Kansas City, USA, May 2018.
249. **Takahiro Uchiya, Ryota Nishimura, Takahiro Hirano *and* Masaru Sakurai :** Design of Reminiscence Therapy System for Elderly People with Dementia, Springer, Nov. 2018.
250. **Xiaohua Wang, Muzi Peng, Lijuan Pan, Min Hu, Chunhua Jin *and* Fuji Ren :** Two-Level Attention with Multi-task Learning for Facial Emotion Estimation, Springer-Verlag, Dec. 2018.
251. **寺尾 圭一郎, 小野 典彦, 永田 裕一 :** 全プロセスによる同一集団を維持したGA-EAXの並列化, *進化計算学会論文誌,* **Vol.8,** *No.3,* 100-110, 2018年.
252. **Yiming Tang, Youcheng Zhang, 任 福継, Xianghua Hu, Xiaocheng Song, Gangyong Feng :** ファジィ推論のFMT対称I \*法, *Journal of Nanjing University (Natural Science),* **Vol.54,** *No.4,* 706-713, 2018年.
253. **Yiming Tang, Gangyong Feng, 任 福継, Xianghui Hu, Youcheng Zhang :** 複雑性構造を持つデータセットに直面するファジィクラスタリング妥当性指数, *Journal of Electronic Measurement and Instrument,* **Vol.32,** *No.4,* 119-127, 2018年.
254. **Xiao Sun, Chen Zhang, 任 福継 :** ソーシャルメディアに基づくユーザ感情モデリングと異常検出, *Journal oc Chinese Information Processing,* **Vol.32,** *No.4,* 120-129, 2018年.
255. **Fuji Ren *and* Ning Liu :** Emotion computing using Word Mover's Distance features based on Ren\_CECps, *PLoS ONE,* **Vol.13,** *No.4,* 1-17, 2018.
256. **Liangfeng Xu, Yonghai Liu, Min Hu, Xiaohua Wang, 任 福継 :** スペクトログラム画像の改良された完全局所二値パターンに基づく音声感情認識, *Journal of Electronic Measurement and Instrument,* **Vol.32,** *No.5,* 25-32, 2018年.
257. **韓 朝, Duoqian Miao, 任 福継, Hongyun Zhang :** ラフ集合知識発見に基づくオープンドメイン中国語質問回答検索, *Journal of Computer Research and Development,* **Vol.55,** *No.5,* 958-967, 2018年.
258. **松本 和幸, 秋田 恭佑, 任 福継, 吉田 稔, 北 研二 :** 演劇台本における登場人物間の親密度推定手法, *知能と情報,* **Vol.30,** *No.3,* 591-604, 2018年.
259. **Tian Chen, Jiawei Wang, Xin An, 任 福継 :** マルチコアとマルチレイヤを持つ三次元チップのための並列テストスケジューリング最適化法, *Journal of Computer Applications,* **Vol.38,** *No.6,* 1795-1800, 2018年.
260. **韓 朝, Duoqian Miao, 任 福継 :** Rough Set Based Knowledge Predicate Analysis of Chinese Knowledge Based Question Answering, *COMPUTER SCIENCE,* **Vol.45,** *No.6,* 183-186, 2018年.
261. **Mingxing Jiang, Min Hu, Xiaohua Wang, 任 福継, Haowen Wang :** ビデオシーケンスにおける顔の表情と体位に基づく二重モード感情認識, *Laser & Optoelectronics Progress,* **Vol.55,** 161-168, 2018年.
262. **Li Quan, Zhiliang Wang *and* Fuji Ren :** A Novel Two-Layered Reinforcement Learning for Task Of oading with Tradeoff between Physical Machine Utilization Rate and Delay, *Future Internet,* **Vol.60,** *No.10,* 1-17, 2018.
263. **Min Hu, Keke Zhang, Xiaohua Wang, 任 福継 :** スライディングウィンドウ動的タイムワープとCNNを組み合わせたビデオ表情認識, *Journal of Image and Graphics,* **Vol.23,** *No.8,* 1143-1153, 2018年.
264. **Xiaohua Wang, Ying Chen, Min Hu, 任 福継 :** 非対称領域局所記述子とブロック類似性重み付けに基づく隠れた表情認識, *Laser & Optoelectronics Progress,* **Vol.55,** *No.4,* 1-8, 2018年.
265. **Mei Chen, Qingmei Xiao, Kazuyuki Matsumoto, Minoru Yoshida, Kenji Kita *and* Xin Luo :** Similarity Analysis and Repeating Pattern Detection in Fingerprint Features, *Journal of Computational Methods in Sciences and Engineering,* **Vol.18,** *No.3,* 553-562, 2018.
266. **Fuji Ren, Yindong Dong *and* Wei Wang :** Emotion recognition based on physiological signals using brain asymmetry index and echo state network, *Neural Computing & Applications,* 2018.
267. **Kazuyuki Matsumoto, Akira Fujisawa, Minoru Yoshida *and* Kenji Kita :** ASCII Art Classification based on Deep Neural Networks Using Image Feature of Characters, *Journal of Software,* **Vol.13,** *No.10,* 559-572, 2018.
268. **Tian Chen, Sihang Ju, Xiaohui Yuan, Mohamed Elhoseny, Fuji Ren *and* Mingyan Fan :** Emotion recognition using empirical mode decomposition and approximation entropy, *Computers & Electrical Engineering,* **Vol.72,** *No.1,* 383-392, 2018.
269. **Zhao Han, Fuji Ren *and* Duoqian Miao :** Sentiment Analysis Method Based on an Improved Modifying-MatrixLanguage Model, *IEEJ Transactions on Electrical and Electronic Engineering (TEEE),* **Vol.13,** *No.10,* 1446-1453, 2018.
270. **Ryota Nishimura, Daisuke Yamamoto, Takahiro Uchiya *and* Ichi Takumi :** Web-based environment for user generation of spoken dialog for virtual assistants, *EURASIP Journal on Audio, Speech, and Music Processing,* **Vol.2018,** *No.1,* 1-13, 2018.
271. **Fuji Ren *and* Jiawen Deng :** Background Knowledge Based Multi-Stream Neural Network for Text Classification, *Applied Sciences, No.1,* 1-18, 2018.
272. **Kazuyuki Matsumoto, Fuji Ren, Masaya Matsuoka, Minoru Yoshida *and* Kenji Kita :** Slang Feature Extraction by Analyzing Topic Change on Social Media, *CAAI Transactions on Intelligence Technology,* 2019.
273. **XINHUA CAO, TAIHAO Li, HONGLI LI, SHUNREN XIA, Fuji Ren, YE SUN *and* XIAOYIN XU :** A Robust Parameter-Free Thresholding Method for Image Segmentation, *IEEE Access,* **Vol.7,** *No.1,* 3448-3458, 2019.
274. **Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Emotion Recognition for Japanese Short Sentences Including Slangs Based on Bag of Concepts Feature Trained by Large Web Text, *Current Analysis on Instrumentation and Control,* **Vol.2019,** *No.2,* 9-18, 2019.
275. **Xiaoxia Liu, Degen Huang, Zhangzhi Yin *and* Fuji Ren :** Recognition of Collocation Frames from Sentences, *IEICE Transactions on Information and Systems,* **Vol.E102-D,** *No.3,* 620-627, 2019.
276. **Ryota Nishimura, Daisuke Yamamoto, Takahiro Uchiya *and* Ichi Takumi :** MMDAE: Dialog scenario editor for MMDAgent on the web browser, *ICT Express,* **Vol.5,** *No.1,* 47-51, 2019.
277. **西村 良太, 檜垣 美帆, 北岡 教英 :** RNN-LSTMによる音響ベクトル空間と文書ベクトル空間とのマッピング, *知能と情報,* **Vol.30,** *No.4,* 628-633, 2018年.
278. **西村 良太, 長尾 拓海, 一万田 郁仁, 北岡 教英 :** 高齢者の音声知覚特性に基づいた音声の明瞭化加工法の研究, *知能と情報,* **Vol.30,** *No.6,* 840-845, 2018年.
279. **Norihide Kitaoka, Yurie Iribe *and* Hiromitsu Nishizaki :** Construction of a corpus of elderly Japanese spech for analysis and recognition, *LREC2018,* May 2018.
280. **Ryusei Matsumoto, Minoru Yoshida, Kazuyuki Matsumoto, Hironobu Matsuda *and* Kenji Kita :** Visualization of the occurrence trend of infectious diseases using Twitter, *Proceedings of the 11th edition of the Language Resources and Evaluation Conference (LREC 2018), (poster),* 511-514, May 2018.
281. **Xiao Sun, Xinmiao Chen, Zhengmeng Pei *and* Fuji Ren :** Emotional Human Machine Conversation Generation Based on SeqGAN, *First Asian Conference on Affective Computing and Intelligent Interaction,* 1-6, Beijing, China, May 2018.
282. **Minjia Li, Lun Xie, Zhiling Tan, Zhiliang Wang *and* Fuji Ren :** Emotional Contagion System By Perceiving Human Emotion Based on Physiological Signals, *First Asian Conference on Affective Computing and Intelligent Interaction,* 1-6, Beijing, China, May 2018.
283. **Xudong Zhang, Guoqing Wu *and* Fuji Ren :** Searching Audio-Visual Clips for Dual-mode Chinese Emotional Speech Database, *First Asian Conference on Affective Computing and Intelligent Interaction,* 1-6, Beijing, China, May 2018.
284. **Fuji Ren :** Emotional interaction and intelligent robot, *Shanghai Jiaotong University,* Shanghai, Jun. 2018.
285. **Yunong Wu, XIN KANG, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Sentence Emotion Classification for Intelligent Robotics Based on Word Lexicon and Emoticon Emotions, *Proceedings of the International Conference of Intelligent Robotic and Control Engineering,* 38-41, Aug. 2018.
286. **Kajinami Kazuaki, Ryota Nishimura *and* Norihide Kitaoka :** Construction of dialog database for development of spoken dialog breakdown detection methods, *ICAICTA-2018,* 91-95, Aug. 2018.
287. **Fuji Ren :** Progress of emotional robot and its application, *Tongji University,* Shanghai, China, Aug. 2018.
288. **Nakao Hidetoshi, Jirela Dilixiati, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Emotion Recognition from Emoticons using Convolutional Neural Networks, *Proceedings of 2nd Technological Competency as Caring in the Health Sciences 2018,* 72, Aug. 2018.
289. **Yuichi Nagata :** Escherization with a Distance Function Focusing on the Similarity of Local Structure, *Proceedings of the 15th International Conference on Parallel Problem Solving from Nature (PPSN 2018), LNCS 11101,* 108-120, Sep. 2018.
290. **Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Classification of Emoji Categories from Tweet Based on Deep Neural Networks, *Proceedings of the 2nd International Conference on Natural Language Processing and Information Retrieval (NLPIR2018),* 17-25, Bangkok, Sep. 2018.
291. **Fuji Ren :** Progress of emotional robot, *Harvard Medical School,* Boston, MA, Sep. 2018.
292. **Fuji Ren :** Advanced AI and Its Future, *Intelligent robot and its industrialization,* Shanghai, Sep. 2018.
293. **Xinyue Cao, Xiao Sun *and* Fuji Ren :** Speech Data Enhancement Based on hybrid Neural Network, *Advances in Multimedia Information Processing PCM 2018,* **Vol.11164,** *No.3,* 362-372, Hefei, Sep. 2018.
294. **Bo Shu, Fuji Ren *and* Yanwei Bao :** Investigating Lstm with k-Max Pooling for Text Classification, *2018 11th International Conference on Intelligent Computation Technology and Automation (ICICTA),* Changsha, China, Sep. 2018.
295. **Fuji Ren :** Advanced intelligent robot, *Xihua University,* Chengdu, China, Sep. 2018.
296. **Zhou Yangyang, XIN KANG *and* Fuji Ren :** Employing Inception-Resnet-v2 and Bi-LSTM for Medical Domain Visual Question Answering, *CEUR Workshop Proceedings (CEUR-WS.org),* **Vol.2125,** 1-11, Sep. 2018.
297. **Liu Ning, Zhou Zheng, XIN KANG *and* Fuji Ren :** TUA1 at eRisk 2018, *CEUR Workshop Proceedings (CEUR-WS.org),* **Vol.2125,** 1-7, Sep. 2018.
298. **Ryota Nishimura, Miho Higaki *and* Norihide Kitaoka :** Mapping Acoustic Vector Space and Document Vector Space by RNN-LSTM, *2018 IEEE 7th Global Conference on Consumer Electronics, GCCE2018,* 698-699, Nara, Oct. 2018.
299. **Meiko Fukuda, Ryota Nishimura, Hiromitsu Nishizaki *and* Norihide Kitaoka :** Construction of a Corpus for Elderly Japanese Speech Recognition, *2018 IEEE 7th Global Conference on Consumer Electronics GCCE2018,* 259-262, Nara, Oct. 2018.
300. **Kanta Kiyohara, Ryota Nishimura *and* Norihide Kitaoka :** Multi-modal Geometry Tutoring System Using Speech and Touchscreen Figure Tracing, *2018 IEEE 7th Global Conference on Consumer Electronics, GCCE2018,* 252-256, Nara, Oct. 2018.
301. **Shun Nishide *and* Fuji Ren :** Improvement of Developmental Drawing Imitation Using Recurrent Neural Network Through Incorporation of AVITEWRITE Model, *Proceedings of IEEE International Conference on Systems, Man, and Cybernetics,* 1-5, Oct. 2018.
302. **Tian Chen, Chenxin Lin, Huaguo Liang *and* Fuji Ren :** A Dictionary-Based Test Data Compression Method Using Tri-State Coding, *IEEE 27th Asian Test Symposium,* 528-533, Hefei, China, Oct. 2018.
303. **任 福継 :** Facing the essence of artificial intelligence, *清華大学,* 南京, 2018年10月.
304. **Fuji Ren :** About emotional robots in responding to aging society, *Japan-China Science and Technology Forum on the Aging Society by Utilizing ICT Technology,* Qingdao, China, Oct. 2018.
305. **Yunong Wu, XIN KANG, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Emoticon-based emotion analysis for Weibo articles in sentence level, *Lecture Notes in Computer Science,* **Vol.11248,** 104-112, Oct. 2018.
306. **XIN KANG, Yunong Wu *and* Fuji Ren :** Progressively improving supervised emotion classification through active learning, *Lecture Notes in Computer Science,* **Vol.11248,** 49-57, Oct. 2018.
307. **Bando Koji, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Twitter User's Hobby Estimation Based on Sequential Statements Using Deep Neural Networks, *2018 10th International Conference on Software Technology and Engineering,* Oct. 2018.
308. **Tianhao She, XIN KANG, Shun Nishide *and* Fuji Ren :** Improving LEO Robot Conversational Ability via Deep Learning Algorithms for Children with Autism, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2018),* 416-420, Nov. 2018.
309. **Yoshie Setsu, XIN KANG, Shun Nishide *and* Fuji Ren :** Emotion recognition for Twitter language based on lingual and expressional information, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2018),* 730-734, Nov. 2018.
310. **Seto Eichi, Ryota Nishimura *and* Norihide Kitaoka :** Customization of an example-based dialog system with user data and distributed word representations, *APSIPA ASC 2018, No.8659459,* 1718-1724, Nov. 2018.
311. **Takahiro Uchiya, Ryota Nishimura, Takahiro Hirano *and* Masaru Sakurai :** Design of Reminiscence Therapy System for Elderly People with Dementia, *Advances on Broad-Band Wireless Computing, Communication and Applications: Proceedings of the 12th International Conference on Broad-Band Wireless Computing, Communication and Applications (BWCCA-2017),* 844-853, Nov. 2018.
312. **Kazuyuki Matsumoto, Manabu Sasayama, Minoru Yoshida, Kenji Kita *and* Fuji Ren :** Transfer Learning Based on Utterance Emotion Corpus for Lyric Emotion Estimation, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS),* 699-703, Nanjing, Nov. 2018.
313. **Akira Fujisawa, Kazuyuki Matsumoto, Ohta Kazuki, Minoru Yoshida *and* Kenji Kita :** ASCII Art Category Classification based on Deep Convolutional Neural Networks, *Proceedings the 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS),* 345-349, Nanjing, Nov. 2018.
314. **Duo Feng *and* Fuji Ren :** Dynamic Facial Expression Recognition based on Two-Stream-CNN with LBP-TOP, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS),* 355-359, Nanjing, Nov. 2018.
315. **Mengjia He *and* Fuji Ren :** ADAPTIVE CONVERSATION SYSTEM BASED ON SCRIPT, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS),* 562-566, Nanjing, Nov. 2018.
316. **Yu Gu, Yifan Zhang, Mengmeng Huang *and* Fuji Ren :** Your WiFi Knows You Fall: A Channel Data Driven Device-free Fall Sensing System, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS),* 943-947, Nanjing, Nov. 2018.
317. **Fuji Ren :** Advanced AI and Its Future, *IEEE CCIS and NLP-KE,* Nanjing, Nov. 2018.
318. **Jiawen Deng *and* Fuji Ren :** Text classification with keywords and co-occurred words in two-stream neural network, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2018),* 456-460, Nanjing, Nov. 2018.
319. **Siyuan Xue *and* Fuji Ren :** Dialogue Act Recognition for Open-Domain Based on Word-level Sequence Annotation with CRF, *IEEE International Conference on Software Engineering and Service Science,* 36-40, Beijing, Nov. 2018.
320. **ZiyunJiao Jiao, Yi Yang, Hairong Zhu *and* Fuji Ren :** Realization and Improvement of Object Recognition System on Raspberry Pi 3B+, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2018),* 465-469, Nanjing, Nov. 2018.
321. **Jinghan Xu, Fuji Ren *and* Yanwei Bao :** EEG Emotion Classification Based On Baseline Strategy, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2018),* 43-46, Nanjing, Nov. 2018.
322. **Jinliang Guo, Fang Fang, Wei Wang *and* Fuji Ren :** EEG Emotion Recognition Basedon Granger Causality and Caps Net Neural Network, *Proceedings of 2018 5th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2018),* 47-52, Nanjing, Nov. 2018.
323. **Minoru Yoshida, Kazuyuki Matsumoto *and* Kenji Kita :** Modeling Relations Between Profiles and Texts, *Proceedings of the 14th the Asia Information Retrieval Societies Conference (AIRS 2018), LNCS 11292,* 103-109, Taipei, Nov. 2018.
324. **Feng Zhihua, Luo Xin, Yang Tao *and* Kenji Kita :** An object Detection System Based on YOLOv2 in Fashion Apparel, *2018 IEEE 4th International Conference on Computer and Communications (ICCC),* Dec. 2018.
325. **Kazuyuki Matsumoto *and* Manabu Sasayama :** Lyric Emotion Estimation Using Word Embedding Learned from Lyric Corpus, *Proceedings of the 4th IEEE International Conference on Computer and Communications,* **Vol.VI,** 2295-2301, Chengdu, Dec. 2018.
326. **Kataoka Asaki, Sasayama Manabu *and* Kazuyuki Matsumoto :** Data Augmentation for Lyric Emotion Estimation, *2018 International Conference on Creativity, Innovation, and Invention in Digital Technology (CIIDT2018),* Dec. 2018.
327. **Horikawa Haruki, Minoru Yoshida, Kenji Kita *and* Kazuyuki Matsumoto :** Extended Dataset for Food Image Classification Based on Twitter, *Hong Kong International Conference on Engineering and Applied Science (HKICEAS 2018),* Dec. 2018.
328. **Fuji Ren :** Direction of artificial intelligence in the next 30 years, *Tongji University,* Shanghai, China, Feb. 2019.
329. **西村 良太, 檜垣 美帆, 北岡 教英 :** RNNに基づく音響ベクトル時系列の文書ベクトルへのマッピング, *電子情報通信学会技術研究報告, No.SP2018-2,* 1-6, 2018年6月.
330. **松本 和幸, 藤澤 日明, 吉田 稔, 北 研二 :** アスキーアート分類手法の比較検討, *第32回人工知能学会全国大会講演論文集,* 1-4, 2018年6月.
331. **山本 泰暉, 西村 良太, 三崎 正之, 北岡 教英 :** LSTM Neural Networkを用いた連続発話中のMagic Word検出手法, *日本音響学会講演論文集,* **Vol.1-R-21,** 1009-1012, 2018年9月.
332. **小橋 優矢, 西村 良太, 北岡 教英 :** Twitter中の使用単語の変化に基づく未知語の発見とそれに基づく音声認識用言語モデルの適応, *日本音響学会講演論文集,* **Vol.1-R-24,** 1017-1020, 2018年9月.
333. **下笠 元暉, 西崎 博光, 福田 芽衣子, 西村 良太, 北岡 教英 :** 超高齢者の自然発話音声のための音声認識モデルの検討, *日本音響学会講演論文集,* **Vol.1-R-10,** 977-978, 2018年9月.
334. **清原 侃太, 西村 良太, 北岡 教英 :** 指差しと口述説明を理解する幾何学問題学習支援システム, *第17回情報科学技術フォーラム (FIT2018),* **Vol.J-011,** 1-2, 2018年9月.
335. **太田 万稀, 松本 和幸, 藤澤 日明, 吉田 稔, 北 研二 :** 深層畳み込みニューラルネットワークによるアスキーアートの分類, *平成30 年度電気関係学会四国支部連合大会 講演論文集,* 155, 2018年9月.
336. **松本 和幸 :** ソーシャルメディアの感性分析とその応用, *社会産業理工学研究交流会2018,* 2018年9月.
337. **福田 寛公, 松本 和幸, 吉田 稔, 北 研二 :** Comment Mover's Distanceを用いた類似動画検索, *IDRユーザフォーラム 2018,* 2018年11月.
338. **永田 裕一, 今宮 明則, 小野 典彦 :** 絵画的迷路生成問題に対する遺伝的アルゴリズムの開発と最長経路問題への適用, *2018進化計算シンポジウム,* 2018年12月.
339. **下村 亮太, 永田 裕一, 小野 典彦 :** 共進化的なCMA-ESによる対戦型ゲーム戦略の学習, *第31回自律分散システム・シンポジウム資料,* 2019年1月.
340. **安部 昌俊, 永田 裕一, 小野 典彦 :** ゲーム木上の最善手に着目したシミュレーション方策の効果的な強化のための質の高い訓練データ生成手法の提案, *第31回自律分散システム・シンポジウム資料,* 2019年1月.
341. **太田 健吾, 西村 良太, 北岡 教英 :** LSTM によるマルチタスク学習を用いた雑談音声対話システムの応答種別選択, *日本音響学会研究発表会講演論文集,* **Vol.2-P-3,** 953-956, 2019年3月.
342. **川岸 成輝, 岡田 直也, 永田 裕一, 小野 典彦 :** モンテカルロ大貧民プレイヤの自己対戦を用いた良好な棋譜データの抽出とシミュレーション方策の学習, *第46回知能システムシンポジウム資料,* 2019年3月.
343. **梅原 靖之, 西村 良太, 北岡 教英 :** 様々な対話戦略を統合した音声対話システムの構築法, *日本音響学会研究発表会講演論文集,* **Vol.2-P-1,** 945-948, 2019年3月.
344. **梶並 和明, 西村 良太, 入部 百合絵, 北岡 教英 :** 音声対話破綻検出手法の開発に向けた音声対話データ収録システム, *日本音響学会研究発表会講演論文集,* **Vol.2-P-2,** 949-952, 2019年3月.
345. **清原 侃太, 西村 良太, 北岡 教英 :** 幾何問題における音声と指差しを用いた学習支援システムの構築と評価, *日本音響学会研究発表会講演論文集,* **Vol.2-P-17,** 989-992, 2019年3月.
346. **石川 卓実, 永田 裕一, 小野 典彦 :** CMA-ESを用いたリカレントニューラルネットの構造と重みの同時最適化に関する実験的考察, *第46回知能システムシンポジウム資料,* 2019年3月.
347. **羽田 優太, 松本 和幸, 吉田 稔, 北 研二 :** リプライを用いたバズツイートの分類, *言語処理学会第25回年次大会(NLP2019),* 237-240, 2019年3月.
348. **藤野 尚也, 松本 和幸, 吉田 稔, 北 研二 :** Word Mover's Distanceを用いたコーパス拡張による感情推定精度向上の検討, *言語処理学会第25回年次大会(NLP2019),* 129-131, 2019年3月.
349. **野中 柚希, 西出 俊, 康 鑫, 任 福継 :** ペンの持ち上げを考慮した神経力学モデルによる手書き漢字の学習, *情報処理学会全国大会講演論文集,* 2-255-2-256, 2019年3月.
350. **森 美咲, 西出 俊, 康 鑫, 任 福継 :** 神経力学モデルを用いた部分描画系列からの描画図形予測, *情報処理学会全国大会講演論文集,* 2-285-2-286, 2019年3月.
351. **天羽 水穂, 西出 俊, 康 鑫, 任 福継 :** 音符・コード系列に注目した神経力学モデルによる音楽情報の階層的学習, *情報処理学会全国大会講演論文集,* 2-375-2-376, 2019年3月.
352. **安村 亮祐, 西出 俊, 康 鑫, 任 福継 :** アームロボットのための発達的な描画学習モデルの基盤システム構築, *情報処理学会全国大会講演論文集,* 2-313-2-314, 2019年3月.
353. **乾 祥大, 西出 俊, 康 鑫, 任 福継 :** 深層学習を用いた人の行動認識と感情生成, *情報処理学会全国大会講演論文集,* 2-517-2-518, 2019年3月.
354. **近藤 健介, 西出 俊, 康 鑫, 任 福継 :** Kinectを用いた神経力学モデルによる人の身体動作のクラスタリング, *情報処理学会全国大会講演論文集,* 2-519-2-520, 2019年3月.
355. **石田 翔太, 松本 和幸 :** ゲーム開発プロジェクトの活動から得られたこと, *平成30年度全学FD推進プログラム 大学教育カンファレンス in 徳島,* 28-29, 2018年12月.
356. **石丸 善康, 伊藤 伸一, 宇野 剛史, 岡村 康弘, 大平 健司, 小野 公輔, 掛井 秀一, 金西 計英, 澤田 麻衣子, 蓮沼 徹, 古屋 S. 玲, 松浦 健二, 松本 和幸, 土岐 順子, 阿部 香織, 山﨑 紅, 辰巳 丈夫, 勝村 幸博 :** 情報科学入門, 日経BP社, 東京, 2019年4月.
357. **任 福継, 松本 和幸 :** 言語・音声・顔表情・脳波を総合利用した感情測定システム, 株式会社 シーエムシー出版, 2019年8月.
358. **Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Analysis of Information Spreading by Social Media based on Emotion and Empathy, InTechOpen, Sep. 2019.
359. **Norihide Kitaoka, nakagawa takuma, Ryota Nishimura, Ishiguro Yoshio, Kojima Shin'ichi *and* Ohsuga Shin :** A Multimodal Control System for Autonomous Vehicles Using Speech, Gesture, and Gaze Recognition, Walter de Gruyter & Co., 2020.
360. **Koji Bando, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Twitter User's Hobby Estimation Based on Sequential Statements Using Deep Neural Networks, *International Journal of Machine Learning and Computing,* **Vol.9,** *No.2,* 108-114, 2019.
361. **沖 展彰, 小野 典彦, 永田 裕一 :** 実制約付き車両配送問題に対する即時配送を考慮した動的配送計画システムの提案, *計測自動制御学会論文集,* **Vol.55,** *No.4,* 313-323, 2019年.
362. **XIN KANG, Yunong Wu *and* Fuji Ren :** Toward action comprehension for searching: Mining actionable intents in query entities, *Journal of the Association for Information Science and Technology,* 2019.
363. **Xiao Sun, Tao Hong, Changliang Li *and* Fuji Ren :** Hybrid Spatiotemporal Models for Sentiment Classification Via Galvanic Skin Response, *Neurocomputing,* **Vol.358,** 385-400, 2019.
364. **Tian Chen, Zhangang Chen, Xiaohui Yuan, Sihang Ju, 任 福継 :** Emotion Recognition Method Based on Instantaneous Energy of Electroencephalography, *Computer Engineering,* **Vol.45,** *No.4,* 196-204, 2019年.
365. **Xiaohua Wang, Muzi Peng, Lijuan Pan, Min Hu, Chunhua Jin *and* Fuji Ren :** Two-level attention with two-stage multi-task learning for facial emotion recognition, *Journal of Visual Communication and Image Representation,* **Vol.62,** *No.1,* 217-225, 2019.
366. **Tian Chen, Yongsheng Zuo, Xin An, 任 福継 :** Test data compatible compression method based on tri-state signal, *Journal of Computer Applications,* **Vol.39,** *No.6,* 1863-1868, 2019年.
367. **JUAN LIU, ZHONG HUANG, Fuji Ren *and* LEI HUA :** Drug-Drug Interaction Extraction Based on Transfer Weight Matrix and Memory Network, *IEEE Access,* **Vol.7,** *No.1,* 101260-101268, 2019.
368. **Yu Gu, Xiang Zhang, Zhi Liu *and* Fuji Ren :** BeSense: Leveraging WiFi Channel Data and Computational Intelligence for Behavior Analysis, *IEEE Computational Intelligence Magazine,* **Vol.14,** *No.4,* 31-41, 2019.
369. **MIN HU, YAQIN ZHANG, CHUNJIAN YANG, XIAOHUA WANG, LEI HE, Fuji Ren *and* XIAOYIN XU :** Facial Expression Recognition Using Fusion Features Based on Center-Symmetric Local Octonary Pattern, *IEEE Access,* **Vol.7,** *No.1,* 29882-29890, 2019.
370. **MIN HU, CHUNJIAN YANG, YAQIN ZHENG, XIAOHUA WANG, LEI HE *and* Fuji Ren :** Facial Expression Recognition Based on Fusion Features of Center-Symmetric Local Signal Magnitude Pattern, *IEEE Access,* **Vol.7,** *No.1,* 118435-118445, 2019.
371. **Fuji Ren, WenJie Liu *and* Guoqing Wu :** Feature Reuse Residual Networks for Insect Pest Recognition, *IEEE Access,* **Vol.7,** 122758-122768, 2019.
372. **Xinyu He, Lishuang Li, Xingchen Song, Degen Huang *and* Fuji Ren :** Multi-Level Attention Based BLSTM Neural Network for Biomedical Event Extraction, *IEICE Transactions on Information and Systems,* **Vol.E102-D,** *No.9,* 1842-1850, 2019.
373. **Jun Liu, Peng Dong *and* Fuji Ren :** Diagonal-based for TSV Fault Tolerance Design, *Microelectronics & Computer,* 2019.
374. **中尾 英俊, 今岡 真和, 岡 健司, 肥田 光正, 森藤 武, 橋本 雅至, 松本 和幸, 北 研二 :** 健常者の足背高測定による足部アーチ評価とアーチ高に影響を及ぼす因子, *バイオメカニズム学会誌,* **Vol.43,** *No.4,* 256-262, 2019年.
375. **Tian Chen, Yongsheng Zuo, Xin An *and* Fuji Ren :** A variable-length compatible compression scheme based on tristate signals, *The Journal of Supercomputing,* 1-14, 2019.
376. **Hongjun Ni, Jiaqiao Zhang, Nansheng Zhao, Chusen Wang, Shuaishuai Lv, Fuji Ren *and* Xingxing Wang :** Design on the Winter Jujubes Harvesting and Sorting Device, *Applied Sciences, No.1,* 1-17, 2019.
377. **中尾 英俊, 今岡 真和, 岡 健司, 森藤 武, 橋本 雅至, 松本 和幸, 北 研二 :** SVM-RFEを用いた足部アーチ高比の低下を有する人の関連要因分析, *生体医工学,* **Vol.57,** *No.6,* 190-197, 2019年.
378. **Xiaohua Wang, Muzi Peng, Lijuan Pan, MIn Hu, Chunhua Jin *and* Fuji Ren :** Two-Level Attention with Multi-task Learning for Facial Emotion Estimation, *Lecture Notes in Computer Science,* **Vol.11295,** 227-238, 2019.
379. **Zhichao Cui, Yuehu Liu *and* Fuji Ren :** Homography-based traffic sign localisation and pose estimation from image sequence, *IET Image Processing,* **Vol.13,** *No.14,* 2829-2839, 2019.
380. **Kazuyuki Matsumoto, Seiji Tsuchiya, Takumi Kojima, Hiroya Kondo, Minoru Yoshida *and* Kenji Kita :** Classification of Smartphone Application Reviews Using Small Corpus Based on Bidirectional LSTM Transformer, *International Journal of Machine Learning and Computing,* **Vol.10,** *No.1,* 148-157, 2020.
381. **Xiaohua Wang, Lijuan Pan, Muzi Peng, Min Hu, Chunhua Jin, 任 福継 :** Video Emotion Recognition Based on Hierarchical Attention Model, *Journal of Computer-Aided Design & Computer Graphics,* **Vol.32,** *No.1,* 27-35, 2020年.
382. **佐久田 祐子, 津野邉 純一, 松本 和幸, 吉田 稔, 北 研二 :** Earth Mover's Distanceを用いた画像の印象推定, *日本感性工学会論文誌,* **Vol.19,** *No.1,* 97-104, 2020年.
383. **OMAR AHMED, Fuji Ren, AMMAR HAWBANI *and* YASER AL-SHARABI :** Energy Optimized Congestion Control Based Temperature Aware Routing Algorithm For Software Defined Wireless Body Area Networks, *IEEE Access,* **Vol.8,** 41085-41099, 2020.
384. **Tian Chen, Yang Zhou, 任 福継, Xin An, Huyin Zhao :** Improved run-length codes compression method based on tri-state signal, *Computer Engineering,* 1-8, 2020年.
385. **Xiuyun Wang, Jun Liu, 任 福継 :** TSVs crosstalk fault grouping test and diagnostic strategy, *MICROELECTRONICS & COMPUTER,* **Vol.37,** *No.2,* 30-36, 2020年.
386. **Fuji Ren *and* Yangyang Zhou :** CGMVQA: A New Classification and Generative Model for Medical Visual Question Answering, *IEEE Access,* **Vol.8,** *No.1,* 50626-50636, 2020.
387. **Yu Zhao, Anxiang Zhang, Huali Feng, Qing Li, Patrick Gallinari *and* Fuji Ren :** Knowledge graph entity typing via learning connecting embeddings, *Knowledge-based Systems, No.1,* 2020.
388. **Yuichi Nagata, Akinori Imamiya *and* Norihiko Ono :** A genetic algorithm for the picture maze generation problem, Computers & Operations research, *Computers & Operations Research,* **Vol.115,** 313-323, 2020.
389. **Yuichi Nagata *and* Shinji Imahori :** An Efficient Exhaustive Search Algorithm for the Escherization Problem, *Algorithmica,* **Vol.82,** *No.9,* 2502-2534, 2020.
390. **Asaki Kataoka, Manabu Sasayama *and* Kazuyuki Matsumoto :** Data Augmentation for Lyrics Emotion Estimation, *ASM Science Journal,* **Vol.13,** *No.SI3,* 11-16, 2020.
391. **Fuji Ren :** Artificial Intelligence · Current Situation of Emotional Robot · Future Direction, *University of Electronic Science and Technology of China,* Chengdu, China, Apr. 2019.
392. **Fuji Ren :** Artificial Intelligence and Emotional Robot, *Nandong University,* Nandong, China, Apr. 2019.
393. **Hidetoshi Nakao, Masakazu Imaoka, Kenji Oka, Mitsumasa Hida, Takeshi Morifuji, Masashi Hashimoto, Kazuyuki Matsumoto *and* Kenji Kita :** Body Factors of Low Arch of Foot for Middle and Senior Age, *World Confederation for Physical Therapy (WCPT2019), No.PO-E-30-SUN2,* May 2019.
394. **Fuji Ren :** 5G's 5WH and 5G + AI usher in a life revolution, *The Second International Workshop on 5G Networking Technologies,* kunshan, China, May 2019.
395. **Mengmeng Huang, Jun Liu, Yu Gu, Yifan Zhang *and* Fuji Ren :** Your WiFi Knows You Fall: A Channel Data-driven Device-free Fall Sensing System, *the 53rd IEEE International Conference on Communications (ICC),* Shanghai, May 2019.
396. **Fuji Ren :** Advanced Intelligence and Emotional Robot, *Tongji University,* Shanghai, China, May 2019.
397. **Hidetoshi Nakao, Masakazu Imaoka, Kenji Oka, Mitsumasa Hida, Takeshi Morifuji, Masashi Hashimoto, Kazuyuki Matsumoto *and* Kenji Kita :** Factor Affecting Low-Arch and High-Arch of Foot, *13th International Society of Physical and Rehabilitation Medicine (ISPRM 2019), No.P3-447,* Jun. 2019.
398. **Liu Zheng, Fuji Ren *and* XIN KANG :** Research on the Effect of Different Speech Segment Lengths on Speech Emotion Recognition Based on LSTM, *Proceedings of 2019 the 9th International Workshop on Computer Science and Engineering (WCSE 2019),* 491-499, Hong Kong, Jun. 2019.
399. **Lu Yitian, Jiang Ping, Shun Nishide, XIN KANG *and* Fuji Ren :** Traffic Sign Recognition Based on Up-sampling Convolution, *Proceedings of 2019 the 9th International Workshop on Computer Science and Engineering (WCSE 2019),* 136-142, Hong Kong, Jun. 2019.
400. **Lu Qingqing, Zhang Xiaomei, XIN KANG *and* Fuji Ren :** Feature Fusion Based on Neural Image Captioning with Spatial Attention, *Proceedings of 2019 the 9th International Workshop on Computer Science and Engineering (WCSE 2019),* 195-200, Hong Kong, Jun. 2019.
401. **Zhou Yangyang, Liu Zheng, XIN KANG, Yunong Wu *and* Fuji Ren :** TUA1 at the NTCIR-14 STC-3 Task, *Proceedings of the 14th NTCIR Conference,* 338-345, Jun. 2019.
402. **Fuji Ren :** On the evolution of artificial intelligence and its topics, *Harbin Institute of Technology,* Harbin, China, Jun. 2019.
403. **Kojima Takumi, Minoru Yoshida, Kazuyuki Matsumoto *and* Kenji Kita :** Research on statements in tweets and sleep time of classification, *the 3rd International Conference on Natural Language Processing and Information Retrieval,* Tokushima, Japan, Jun. 2019.
404. **Kazuyuki Matsumoto, Manabu Sasayama, Minoru Yoshida *and* Kenji Kita :** Personality Analysis on Dialogue System for Emotional Interaction Robot, *Conference Proceedings of Asia Pacific Society for Computing and Information Technology 2019 Annual Meeting (APSCIT 2019 Annual Meeting),* Jul. 2019.
405. **Tang Jingwei, Yao Xingtian, XIN KANG, Shun Nishide *and* Fuji Ren :** Position-Free Hand Gesture Recognition Using Single Shot MultiBox Detector Based Neural Network, *Proceedings of 2019 IEEE International Conference on Mechatronics and Automation (ICMA),* 2251-2256, Tianjin, Aug. 2019.
406. **Fu Kangwei, Sun Ling, XIN KANG *and* Fuji Ren :** Text Detection for Natural Scene based on MobileNet V2 and U-Net, *Proceedings of 2019 IEEE International Conference on Mechatronics and Automation (ICMA),* 1560-1564, Tianjin, Aug. 2019.
407. **Yuxiang Zhou, Ni Hongjun, Fuji Ren *and* XIN KANG :** Face and Gender Recognition System Based on Convolutional Neural networks, *Proceedings of 2019 IEEE International Conference on Mechatronics and Automation (ICMA),* 1091-1095, Tianjin, Aug. 2019.
408. **Chuanzheng Wei, Xiao Sun, Feng Tian *and* Fuji Ren :** Speech Emotion Recognition with Hybrid Neural Network, *The 5th International Conference on Big Data Computing and Communications,* 298-302, Qingdao, China, Aug. 2019.
409. **Tao Hong, Xiao Sun, Feng Tian *and* Fuji Ren :** Sentiment Classification and Personality Detection Via Galvanic Skin Response Based on Deep Learning Models, *The 5th International Conference on Big Data Computing and Communications,* 313-317, Qingdao, China, Aug. 2019.
410. **Fuji Ren :** AI knows your own better than you, *International Artificial Intelligence Education Forum,* Hefei, China, Aug. 2019.
411. **Kazuyuki Matsumoto, Yuta Hada, Minoru Yoshida *and* Kenji Kita :** Analysis of Reply-Tweets for Buzz Tweet Detection, *Proceedings of 33rd Pacific Asia Conference on Language, Information and Computation (PACLIC33),* 138-146, Sep. 2019.
412. **Zhou Yangyang, XIN KANG *and* Fuji Ren :** TUA1 at ImageCLEF 2019 VQA-Med: a Classification and Generation Model based on Transfer Learning, *Working Notes of CLEF (2019),* **Vol.2380,** 1-7, Lugano, Sep. 2019.
413. **Zhou Yitao, Fuji Ren, Shun Nishide *and* XIN KANG :** Facial Sentiment Classification Based on Resnet-18 Model, *Proceedings of 2019 International Conference on Electronic Engineering and Informatics (EEI),* 463-466, Sep. 2019.
414. **Fuji Ren :** Big Intelligence Education and Big Intelligence Health, *Tsuinghua University,* Beijing, China, Sep. 2019.
415. **Fuji Ren :** Can artificial intelligence ride the vast wilderness of big education and big health?, *Nanzhou University,* Nanzhou, China, Sep. 2019.
416. **Yamamoto Taiki, Ryota Nishimura, Misaki Masayuki *and* Norihide Kitaoka :** Small-Footprint MagicWord Detection Method Using Convolutional LSTM Neural Network, *Proc INTERSPEECH,* **Vol.2019-Septe,** 2035-2039, Graz, Sep. 2019.
417. **Kazuyuki Matsumoto, Mopaa Ryu, Minoru Yoshida *and* Kenji Kita :** Emotion Analysis on Weblog of Lifestyle Diseases, *Proceedings of the 2019 International Symposium on Signal Processing Systems (SSPS2019),* 142-148, Beijing, Sep. 2019.
418. **Akira Fujisawa, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** An Approach for Conversion of Japanese Emoticons into Emoji Based on Character-Level Neural Autoencoder, *Frontiers in Artificial Intelligence and Applications,* **Vol.320,** 635-644, Oct. 2019.
419. **Yuko Sakuta, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Kansei Mapping of Color Images Using Earth Mover's Distance, *International Conference on Software Technology and Engineering (ICSTE2019),* Oct. 2019.
420. **Komatsu Akihisa, Ryota Nishimura *and* Norihide Kitaoka :** Environmental Sounds Recognition with Convolutional-LSTM, *2019 IEEE 8th Global Conference on Consumer Electronics, GCCE 2019,* 717-719, Osaka, Oct. 2019.
421. **Fuji Ren :** Advanced Intelligence in Big Education, *The 1st World Science and Technology Development Forum,* Beijing, Oct. 2019.
422. **Meiko Fukuda, Ryota Nishimura, Nishizaki Hiromitsu, Iribe Yurie *and* Norihide Kitaoka :** A New Corpus of Elderly Japanese Speech for Acoustic Modeling, and a Preliminary Investigation of Dialect Dependent Speech Recognition, *Proceedings of The 22nd Conference of the Oriental COCOSDA (Oriental-COCOSDA2019),* 1-6, Sebu, Oct. 2019.
423. **Obashi Yuya, Ryota Nishimura *and* Norihide Kitaoka :** Automatic Conversion of Written Language into Spoken Language Using a Sequence-to-Sequence Model Trained with a Parallel Corpus, *Proceedings of The 22nd Conference of the Oriental COCOSDA (Oriental-COCOSDA2019),* 1-5, Sebu, Oct. 2019.
424. **Jin Qiuzi, Luo Xin, Shi Youqun *and* Kenji Kita :** Image Generation Method Based on Improved Condition GAN, *International Conference on Systems and Informatics (ICSAI2019),* 1290-1294, Shanghai, Nov. 2019.
425. **Yun Gao, Haitao Yu, XIN KANG *and* Fuji Ren :** TUA1 at the TREC 2019: Deep Learning Track, *Proceedings of 28th Text Retrieval Conference (TREC 2019),* **Vol.1250,** 1-3, Nov. 2019.
426. **Zhou Zheng, XIN KANG, Shun Nishide *and* Fuji Ren :** Capture Important Information for Reading andReasoning by A Two-Pass Attention Mechanism in Dynamic Memory Network, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* Dec. 2019.
427. **Hu Junlin, XIN KANG, Shun Nishide *and* Fuji Ren :** Text multi-label sentiment analysis based on Bi-LSTM, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* 16-20, Singapore, Dec. 2019.
428. **Dou Rongyu, Shun Nishide, Fuji Ren *and* XIN KANG :** ExploringUncertain Samples through Active Learning To Enhance Text Emotion Classification, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* 26-30, Singapore, Dec. 2019.
429. **Lu Xin, XIN KANG, Shun Nishide *and* Fuji Ren :** Object detection based on SSD-ResNet, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* 89-92, Singapore, Dec. 2019.
430. **Li Jiaen, Fuji Ren, Shun Nishide *and* XIN KANG :** Character action recognition based on deep convolutional neural network and action sequence, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* 149-153, Singapore, Dec. 2019.
431. **Yasumura Ryosuke, Shun Nishide, XIN KANG *and* Fuji Ren :** Constructing a Fundamental DevelopmentalDrawing Learning Model Using an Arm Robot, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* 185-189, Singapore, Dec. 2019.
432. **Chen Haiyan, Liu Zheng, XIN KANG, Shun Nishide *and* Fuji Ren :** Investigating voice features for Speech emotion recognition based on four kinds of machine learning methods, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* 195-199, Singapore, Dec. 2019.
433. **Fei Ding, Zhijing Guan *and* Fuji Ren :** A Fast Optimization Algorithm for Nearest Neighbor Architecture Based on Quantum Weight, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* 73-78, Singapore, Dec. 2019.
434. **Jiaqiao Zhang, Fuji Ren, Hongjun Ni, Zhenya Zhang *and* Kaixuan Wang :** Research on Information Recognition of VAT Invoice Based on Computer Vision, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* 126-130, Singapore, Dec. 2019.
435. **Xi Wan, Fuji Ren *and* Yong Deng :** Using Inception-Resnet V2 for Face-based Age Recognition in Scenic Spots, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems (CCIS2019),* 159-163, Singapore, Dec. 2019.
436. **Yu Gu, Xiang Zhang, Zhi Liu *and* Fuji Ren :** WiFi-based Real-time Breathing and Heart Rate Monitoring during Sleep, *IEEE Global Communications Conference (GLOBECOM),* Waikoloa, HI, USA, Dec. 2019.
437. **Kazuyuki Matsumoto, Manabu Sasayama, Minoru Yoshida *and* Kenji Kita :** Emotional State Estimation by Dialogue History and Sentence Distributed Representation, *Proceedings of 2019 6th IEEE International Conference on Cloud Computing and Intelligence Systems(CCIS2019),* 31-35, Singapore, Dec. 2019.
438. **Qian Chu, Min Hu, Xiaohua Wang, Yu Gu, Fuji Ren *and* Tian Chen :** Facial Expression Recognition Based on Contextual Generative Adversarial Network, *the 6th IEEE International Conference on Cloud Computing and Intelligence Systems(CCIS2019),* Singapore, Dec. 2019.
439. **Jiahao Chen, Ryota Nishimura *and* Norihide Kitaoka :** E2E Streaming Speech Recognition Using CTC and Local Attention, *Proc. NCSP'20,* 1-4, Feb. 2020.
440. **Liu Maobo, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Construction of lifestyle disease weblog corpus and evaluation of keyword classification model, *International Forum on Advanced Technologies 2020 (IFAT2020),* Mar. 2020.
441. **津野邉 純一, 佐久田 祐子, 松本 和幸, 吉田 稔, 北 研二 :** 深層学習に基づく配色イメージの感性マッピング, *第18回情報科学技術フォーラム (FIT2019), No.J-004,* 2019年9月.
442. **安村 亮祐, 西出 俊, 康 鑫, 任 福継 :** アームロボットを用いた発達的描画モデルの構築, *日本ロボット学会学術講演会,* 2019年9月.
443. **﻿小橋 優矢, 西村 良太, 北岡 教英 :** ﻿Sequence-to-Sequence modelを用いた話し言葉音声認識用言語モデルのための書き言葉から話し言葉へのテキスト変換, *日本音響学会研究発表会講演論文集,* **Vol.1-3-8,** 807-810, 2019年9月.
444. **陳 家浩, 西村 良太, 北岡 教英 :** CTCとAttention を用いたEnd-to-end ストリーミング音声認識, *日本音響学会研究発表会講演論文集,* **Vol.1-P-16,** 871-874, 2019年9月.
445. **福田 芽衣子, 西村 良太, 西崎 博光, ﻿入部 百合絵, 北岡 教英 :** 高齢者音声認識のための音声コーパス構築と方言への適応の効果, *日本音響学会研究発表会講演論文集,* **Vol.1-P-17,** 875-878, 2019年9月.
446. **﻿山本 泰暉, 西村 良太, 三崎 正之 :** Convolutional LSTM を用いた省メモリMagic Word 検出, *日本音響学会研究発表会講演論文集,* **Vol.2-3-4,** 819-822, 2019年9月.
447. **小松 明久, 西村 良太, 北岡 教英 :** CNNとCLSTMを用いた環境音認識, *日本音響学会研究発表会講演論文集,* **Vol.2-Q-17,** 925-928, 2019年9月.
448. **佐久田 祐子, 津野邉 純一, 松本 和幸, 吉田 稔, 北 研二 :** Earth Mover's Distance を用いた画像の印象推定, *第21回日本感性工学会大会, No.13A2-02,* 2019年9月.
449. **三好 人正, 北 研二, 高山 哲治 :** 人工知能(AI)による機械学習解析を用いた食道扁平上皮癌の血中microRNA新規AI診断モデルの構築., *JDDW2019(第27回日本消化器関連学会週間),* 2019年11月.
450. **松本 稔, 永田 裕一, 小野 典彦 :** ガウスベルヌーイ制限付きボルツマンマシンのエネルギー関数による最適化に関する考察, *2019年度計測自動制御学会関西支部・システム制御情報学会シンポジウム,* 2020年1月.
451. **山見 悠太, 永田 裕一, 小野 典彦 :** 個別的な突然変異による進化型深層強化学習, *2019年度計測自動制御学会関西支部・システム制御情報学会シンポジウム,* 2020年1月.
452. **松本 和幸 :** 徳島大学における人工知能を用いた共同研究の取り組み事例, *令和元年度第5回四国オープンイノベーションワークショップ講演資料集,* 2020年1月.
453. **鳥井 浩平, 松本 和幸, 吉田 稔, 鶴木 次郎, 小林 健一郎, 北 研二 :** 深層学習を用いたパントモ画像からのインプラント体検出, *電子情報通信学会2020年総合大会学生ポスターセッション, No.ISS-A-060,* 2020年3月.
454. **MAIERHABA AIERKEN, 鳥井 浩平, 松本 和幸, 吉田 稔, 北 研二 :** 深層ニューラルネットワークに基づくテキストと画像間のクロスメディア検索, *電子情報通信学会2020年総合大会学生ポスターセッション, No.ISS-A-076,* 2020年3月.
455. **松本 和幸, 篠山 学, 寺園 嶺, 吉田 稔, 北 研二 :** インタビュー対話コーパスにおける発話の意図および感性の分析, *日本感性工学会春季大会,* 1-6, 2020年3月.
456. **篠山 学, 松本 和幸 :** インタビュー対話コーパスの構築と発話意図タグの設計, *情報処理学会全国大会講演論文集,* 2-51-2-52, 2020年3月.
457. **真砂 光志, 西出 俊, 康 鑫, 任 福継 :** リカレントニューラルネットワークを用いた未学習のコードからの楽譜生成, *情報処理学会全国大会講演論文集,* 2-279-2-280, 2020年3月.
458. **久保野 雄亮, 西出 俊, 康 鑫, 任 福継 :** ペンの持ち上げを考慮した神経力学モデルによる描画図形予測と生成, *情報処理学会全国大会講演論文集,* 2-283-2-284, 2020年3月.
459. **野本 楓晟, 西出 俊, 康 鑫, 任 福継 :** 構造に注目した神経力学モデルを用いた漢字の筆跡ダイナミクスの学習, *情報処理学会全国大会講演論文集,* 2-281-2-282, 2020年3月.
460. **川野 真子, 西出 俊, 康 鑫, 任 福継 :** 深層モデルを用いた画像系列の特徴量自己組織化と映像生成, *情報処理学会全国大会講演論文集,* 2-289-2-290, 2020年3月.
461. **高野 翔吾, 松本 和幸, 吉田 稔, 北 研二 :** 文書分散表現を用いた音楽アーティストの特徴分類に関する研究, *情報処理学会第82回全国大会講演論文集,* 477-478, 2020年3月.
462. **児嶋 拓己, 吉田 稔, 松本 和幸, 北 研二 :** ツイート内容による夜間活動休止時間の推定に関する研究, *情報処理学会第82回全国大会講演論文集,* 469-470, 2020年3月.
463. **清原 ﻿侃太, 西村 良太, 北岡 教英 :** ﻿音声と指差しの統合理解によるマルチモーダル幾何問題解答システムの構築, *情報処理学会全国大会講演論文集, No.5F-03,* 4-5-4-6, 2020年3月.
464. **五藤 智晃, 西村 良太, 北 研二 :** 深層学習モデルによる音響ベクトル系列から文書ベクトル系列へのメディア横断マッピング, *情報処理学会全国大会講演論文集, No.4Q-05,* 2-181-2-182, 2020年3月.
465. **永田 裕一 :** 遺伝的アルゴリズムによる絵画的迷路作成迷路の作成, *電気学会システム研究会,* 2020年3月.
466. **陳 家浩, 西村 良太, 北岡 教英 :** Uni-directional LSTMとLocal Attention を用いたストリーミング音声認識, *日本音響学会研究発表会講演論文集,* **Vol.2-Q-12,** 943-946, 2020年3月.
467. **福田 芽衣子, 西崎 博光, 入部 百合絵, 西村 良太, 北岡 教英 :** ﻿高齢者音声コーパス構築と音声認識への年齢・方言の影響の分析, *日本音響学会研究発表会講演論文集,* **Vol.2-Q-13,** 947-950, 2020年3月.
468. **﻿小橋 優矢, 西村 良太, 北岡 教英 :** 書き言葉から話し言葉へのテキスト変換を用いた話し言葉音声認識用言語モデルの評価, *日本音響学会研究発表会講演論文集,* **Vol.2-Q-14,** 951-954, 2020年3月.
469. **森 雷太, 西村 良太, 北岡 教英 :** 自由発話に対応した照応解析を備えた音声対話システム, *日本音響学会研究発表会講演論文集,* **Vol.3-P-13,** 1023-1026, 2020年3月.
470. **門田 尚之, 康 鑫, 西出 俊, 任 福継 :** ロボット教師における特定分野のQAシステムの構築, *電子情報通信学会総合大会講演論文集,* 2020年3月.
471. **寺尾 渉吾, 康 鑫, 西出 俊, 任 福継 :** ロボット教師における特定人物の音声の自動生成, *電子情報通信学会総合大会講演論文集,* 2020年3月.
472. **房登 淳平, 康 鑫, 西出 俊, 任 福継 :** 単語の感情属性を活かしたロボット教師の表情生成, *電子情報通信学会総合大会講演論文集,* 2020年3月.
473. **山崎 直登, 康 鑫, 西出 俊, 任 福継 :** ロボット教師による特定分野の記述式問題の判定について, *電子情報通信学会総合大会講演論文集,* 2020年3月.
474. **ZOLZAYA BYAMBADORJ, 西村 良太, Ayush Altangerel, 北岡 教英 :** スペルチェッカー付きSEQ2SEQモデルを用いた翻訳語の正規化, *言語処理学会発表論文集,* **Vol.E5-3,** 1133-1136, 2020年3月.
475. **Kazuyuki Matsumoto :** Utterance Emotion Estimation by Using Feature of Syntactic Pattern, IntechOpen, Mar. 2021.
476. **Fuji Ren *and* Qian Zhang :** An Emotion Expression Extraction Method for Chinese Microblog Sentences, *IEEE Access,* **Vol.8,** *No.1,* 69244-69255, 2020.
477. **Siyuan Xue *and* Fuji Ren :** Knowledge Graph based Question and Answer System for Cosmetic Domain, *International Journal of Advanced Intelligence (IJAI),* **Vol.11,** *No.1,* 15-28, 2020.
478. **Fuji Ren *and* Siyuan Xue :** Intention Detection Based on Siamese Neural Network With Triplet Loss, *IEEE Access,* **Vol.8,** *No.1,* 82242-82254, 2020.
479. **Yu Gu, Jinhai Zhan, Jie Li, Yusheng Ji, Xin An *and* Fuji Ren :** Sleepy: Wireless Channel Data Driven Sleep Monitoring via Commodity WiFi Devices, *IEEE Transactions on Big Data,* **Vol.6,** *No.2,* 258-268, 2020.
480. **Yu Gu, Yantong Wang, Tao Liu, Yusheng Ji, Zhi Liu, Peng Li, Xiaoyan Wang, Xin Ai *and* Fuji Ren :** EmoSense: Computational Intelligence Driven Emotion Sensing via Wireless Channel Data, *IEEE Transactions on Emerging Topics in Computational Intelligence,* **Vol.4,** *No.3,* 216-226, 2020.
481. **Leyuan Jia, Yu Gu, Ken Cheng, Huan Yan *and* Fuji Ren :** BeAware: Convolutional neural network(CNN) based user behavior understanding through WiFi channel state information, *Neurocomputing,* **Vol.397,** 457-463, 2020.
482. **Zheng Liu, XIN KANG, Shun Nishide *and* Fuji Ren :** Vowel priority lip matching scheme and similarity evaluation model based on humanoid robot Ren-Xin, *Journal of Ambient Intelligence and Humanized Computing,* 2020.
483. **Jun Liu, Xiuyun Wang, 任 福継 :** Test Strategy for 2.5D ICs Using Auxiliary Interposer and E-fuses, *Computer Engineering and Applications,* **Vol.39,** *No.6,* 1863-1868, 2020年.
484. **Norihide Kitaoka, seto eichi *and* Ryota Nishimura :** Example Phrase Adaptation Method for Customized, Example-Based Dialog System Using User Data and Distributed Word Representations, *IEICE Transactions on Information and Systems,* **Vol.E103-D,** *No.11,* 2332-2339, 2020.
485. **Betriana Feni, Kyoko Osaka, Kazuyuki Matsumoto, Tetsuya Tanioka *and* Rozzano De Castro Locsin :** Relating Moris Uncanny Valley in generating conversations with artificial affective communication and natural language processing, *Nursing Philosophy,* **Vol.22,** *No.2,* e12322, 2020.
486. **Yangyang Zhou *and* Fuji Ren :** CERG: Chinese Emotional Response Generator with Retrieval Method, *Research : A Science Partner Journal,* **Vol.2020,** *No.1,* 1-8, 2020.
487. **XIAOHUA WANG, JIANQIAO GONG, MIN HU, YU GU *and* Fuji Ren :** LAUN Improved StarGAN for Facial Emotion Recognition, *IEEE Access,* **Vol.8,** *No.1,* 161509-161518, 2020.
488. **Jiaqiao Zhang, XIN KANG, Hongjun Ni *and* Fuji Ren :** Surface defect detection of steel strips based on classification priority YOLOv3-dense network, *Ironmaking and Steelmaking,* **Vol.8,** 1-12, 2020.
489. **Degen Huang, Anil Ahmed, Yasser Syed Arafat, Iftekhar Khawaja Rashid, Qasim Abbas *and* Fuji Ren :** Sentence-Embedding and Similarity via Hybrid Bidirectional-LSTM and CNN Utilizing Weighted-Pooling Attention, *IEICE Transactions on Information and Systems,* **Vol.E103-D,** *No.10,* 2216-2227, 2020.
490. **Tian Chen, Sihang Ju, Fuji Ren, Minhyan Fan *and* Yu Gu :** EEG emotion recognition model based on the LIBSVM classifier, *Measurement,* **Vol.164,** 1-7, 2020.
491. **Tian Chen, Mingyan Fan, 任 福継, Hongfang Yin :** Emotion recognition using pupil position, *Application Research of Computers,* **Vol.38,** *No.5,* 1-6, 2020年.
492. **JiaHao Chen, Ryota Nishimura *and* Norihide Kitaoka :** End-to-end recognition of streaming Japanese speech using CTC and local attention, *APSIPA Transactions on Signal and Information Processing,* **Vol.9,** *No.e25,* 1-7, 2020.
493. **Yuichi Nagata :** High-Order Entropy-based Population Diversity Measures in the Traveling Salesman Problem, *Evolutionary Computation,* **Vol.28,** *No.4,* 595-619, 2020.
494. **Zhong Huang, Fuji Ren, Min Hu *and* Sugen Chen :** Facial Expression Imitation Method for Humanoid Robot Based on Smooth-Constraint Reversed Mechanical Model (SRMM), *IEEE Transactions on Human-Machine Systems,* **Vol.50,** *No.6,* 538-549, 2020.
495. **Yindong Dong *and* Fuji Ren :** Multi-reservoirs EEG signal feature sensing and recognition method based on generative adversarial networks, *Computer Communications,* **Vol.164,** 177-184, 2020.
496. **Jiawen Deng *and* Fuji Ren :** Multi-label Emotion Detection via Emotion-Specified Feature Extraction and Emotion Correlation Learning, *IEEE Transactions on Affective Computing,* **Vol.8,** *No.1,* 2020.
497. **wenjie Liu, Wu Guoqing, Fuji Ren *and* XIN KANG :** DFF-ResNet: An Insect Pest Recognition Model based on Residual Networks, *Big Data Mining and Analytics,* **Vol.3,** *No.4,* 300-310, 2020.
498. **Fei Wang, Quan Wang, Feiping Ne, Zhongheng Li, Weizhong Yu *and* Fuji Ren :** A linear multivariate binary decision tree classifier based on K-means splitting, *Pattern Recognition,* **Vol.107,** *No.3,* 1-13, 2020.
499. **Fuji Ren *and* Yanwei Bao :** A Review on Human-Computer Interaction and Intelligent Robots, *International Journal of Information Technology & Decision Making,* **Vol.19,** *No.1,* 5-47, 2020.
500. **Zhichao Cui, yaochen Li, Chi Zhang, Yuehu Liu *and* Fuji Ren :** Coarse-to-Fine 3D Road Model Registration for Traffic Video Augmentation, *IET Image Processing,* 2020.
501. **Ziyun Jiao *and* Fuji Ren :** WRGAN: Improvement of RelGAN with Wasserstein Loss for Text Generation, *Electronics,* 1-14, 2021.
502. **Jiawen Deng *and* Fuji Ren :** Hierarchical Network with Label Embedding for Contextual Emotion Recognition, *Research : A Science Partner Journal,* **Vol.2021,** *No.1,* 1-9, 2021.
503. **Min Hu, Fei Qian, Dong Guo, Xiaohua Wang, Lei He *and* Fuji Ren :** ETA-rPPGNet: Effective Time-Domain Attention Network for Remote Heart Rate Measurement, *IEEE Transactions on Instrumentation and Measurement,* **Vol.70,** 1-12, 2021.
504. **Minoru Yoshida, Kojima Takumi, Kazuyuki Matsumoto *and* Kenji Kita :** Toward Analyzing Relations between Sleep Time and Social Networking Service Texts: Prediction of the Tweet Time Span Using the Last Tweet of the Day, *International Journal of Advanced Intelligence (IJAI),* **Vol.12,** *No.1,* 1-9, 2021.
505. **Jun Liu, Tingting Wang, 任 福継 :** Lock Isolation Security Architecture for Reconfigurable Scanning Networks, *Journal of Computer-Aided Design & Computer Graphics,* **Vol.33,** *No.3,* 1-7, 2021年.
506. **Yuki Obayashi, Feni Betriana, Tetsuya Tanioka, Tomoya Yokotani, Ryuichi Tanioka, Chihiro Kawai, Hirokazu Ito, Yuko Yasuhara, Rozzano De Castro Locsin, Kyoko Osaka, Kazuyuki Matsumoto, Fuji Ren *and* Yoshihiro Kai :** Developmental Issues of Communication for Robot Applications in Older People Care: An Integrative Review, *International Journal of Advanced Intelligence (IJAI),* **Vol.12,** *No.1,* 53-67, 2021.
507. **Hirokazu Ito, Kazuyuki Matsumoto, XIN KANG, Tetsuya Tanioka, Yuko Yasuhara, Rozzano De Castro Locsin *and* Fuji Ren :** The AI Development Through Transforming Tacit Knowledge to Explicit Knowledge of Nurses' Dialogue for Patients with Dementia, *International Journal of Advanced Intelligence (IJAI),* **Vol.12,** *No.1,* 11-21, 2021.
508. **Tanioka Ryuichi, Kazuyuki Matsumoto, Sugawara Kenichi, Takase Kensaku, Kai Yoshihiro, Masahito Tomotake, Tetsuya Tanioka *and* Rozzano De Castro Locsin :** Practical issues in Developing Natural Language Processing Applications for Healthcare Robot Motivation of Older Persons Physical Rehabilitation, *International Journal of Advanced Intelligence (IJAI),* **Vol.12,** *No.1,* 83-90, 2021.
509. **Yokotani Tomoya, Tanioka Ryuichi, Kawai Chihiro, Betriana Feni, Hirokazu Ito, Yuko Yasuhara, Tetsuya Tanioka, Rozzano De Castro Locsin, Kazuyuki Matsumoto *and* Fuji Ren :** Human Psychological Burden and Thinking Process while Operating a Humanoid Robot Conversation App Program, *International Journal of Advanced Intelligence (IJAI),* **Vol.12,** *No.1,* 23-35, 2021.
510. **Meiko Fukuda, Nishizaki Hiromitsu, Iribe Yurie, Ryota Nishimura *and* Norihide Kitaoka :** Improving Speech Recognition for the Elderly: A New Corpus of Elderly Japanese Speech and Investigation of Acoustic Modeling for Speech Recognition, *Proceedings of the 12th Conference on Language Resources and Evaluation (LREC 2020),* 6578-6585, May 2020.
511. **Sumida Hiroaki, Fuji Ren, Shun Nishide *and* XIN KANG :** Environment Recognition Using Robot Camera, *2020 5th IEEE International Conference on Big Data Analytics (ICBDA),* 282-286, May 2020.
512. **zheng liu, XIN KANG, Shun Nishide *and* Fuji Ren :** A Chinese-Japanese Vowel Priority Lip Matching Scheme Based on Humanoid Robot Ren-Xin, *In Proceedings of 2020 5th International Symposium on Artificial Intelligence and Robotics (ISAIR2020),* Jun. 2020.
513. **Masago Koji, Amo Mizuho, Shun Nishide, XIN KANG *and* Fuji Ren :** Generation of Musical Scores from Chord Sequences Using Neurodynamic Model, *International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems,* 638-648, Sep. 2020.
514. **Ryu Mopuaa, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Construction of Annotated TOBYO Blog Corpus for Lifestyle Disease Analysis of Diabetic Patient, *Proceedings of The 15th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE20),* 77, Oct. 2020.
515. **jiaqiao zhang, XIN KANG, Hongjun Ni *and* Fuji Ren :** Surface Defects Classification of Steel Strips based on Transfer Learning and Naive Bayes Model, *Proceedings of The 15 th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE20),* 22-23, Oct. 2020.
516. **Mawoneke Felix Kudzai, Luo Xin, Shi Youqin *and* Kenji Kita :** Reverse Image Search for the Fashion Industry Using Convolutional Neural Networks, *2020 IEEE 5th International Conference on Signal and Image Processing (ICSIP),* Oct. 2020.
517. **Kohei Torii, Minoru Yoshida, Kazuyuki Matsumoto, Jiro Tsuruki, Kobayashi Kenichiro, Eiichi Honda *and* Kenji Kita :** Towards Automatic Dental Diagnosis System Based on Deep Learning, *Proc. IEEE International Conference on Natural Language Processing and Knowledge Engineering,* 64-65, Online, Oct. 2020.
518. **Ryuichi Tanioka, Kazuyuki Matsumoto, Kenichi Sugawara, Kensaku Takase, Yoshihiro Kai, Masahito Tomotake *and* Tetsuya Tanioka :** Issues in developing natural language processing applications for healthcare robots to motivate older people while rehabilitation, *The 15th NLPKE (NLPKE 2020),* Oct. 2020.
519. **Hirokazu Ito, Kazuyuki Matsumoto, XIN KANG, Tetsuya Tanioka, Yuko Yasuhara, Rozzano De Castro Locsin *and* Fuji Ren :** Examination to develop the artificial intelligence through transforming tacit knowledge of nurses' dialogue for patients with dementia towards explicit knowledge, *The 15th NLPKE (NLPKE 2020),* WEB, Oct. 2020.
520. **Liu Jia, XIN KANG, Shun Nishide *and* Fuji Ren :** Collaborative filtering recommendation algorithm based on bisecting K-means clustering, *In International Symposium on Artificial Intelligence and Robotics 2020,* **Vol.11574,** 311-318, Oct. 2020.
521. **LI Qianqian, Fuji Ren, Shen Xiaoyan *and* XIN KANG :** Speech emotion recognition based on data enhancement in time-frequency domain, *International Symposium on Artificial Intelligence and Robotics 2020,* **Vol.115740R,** 234-241, Oct. 2020.
522. **Yokotani Tomoya, Tanioka Ryuichi, Kawai Chihiro, Betriana Feni, Hirokazu Ito, Yuko Yasuhara, Kazuyuki Matsumoto, Fuji Ren *and* Tetsuya Tanioka :** Human operator's "Characteristic of autonomic nerve activity as psychological burden" and " Clarification of thinking process for AI development" while operating the humanoid robot conversation program, *The 15th NLPKE (NLPKE 2020),* WEB, Oct. 2020.
523. **Fei Ding, XIN KANG, Shun Nishide, Guan Zhijin *and* Fuji Ren :** A fusion model for multi-label emotion classification based on BERT and topic clustering, *In International Symposium on Artificial Intelligence and Robotics 2020,* **Vol.11574,** 98-111, Oct. 2020.
524. **Yuki Obayashi, Feni Betriana, Tetsuya Tanioka, Tomoya Yokotani, Ryuichi Tanioka, Chihiro Kawai, Hirokazu Ito, Yuko Yasuhara, Kyoko Osaka, Kazuyuki Matsumoto, Fuji Ren *and* Yoshihiro Kai :** Development issues on communication robots' application in order to use for the older people care, *The 15th NLPKE (NLPKE 2020),* WEB, Oct. 2020.
525. **Ziyun Jiao *and* Fuji Ren :** Improved of RelGAN for Text Generation, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
526. **Qian Zhang *and* Fuji Ren :** Potential Preference Based Bayesian Personalized Ranking for One-Class Collaborative Filtering, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
527. **Rongyu Dou *and* Fuji Ren :** Detecting Early Stage Depressions Based on Compound Neural Language Understanding, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
528. **Jiawen Deng *and* Fuji Ren :** Local Label Correlation Learning for Multi-Label Classification, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
529. **Siyuna Xue *and* Fuji Ren :** Capsule Network with TC Loss for Intention Detection, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
530. **Tianhao She *and* Fuji Ren :** A humanoid robot based on neural network architecture for accompanying children with autism, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
531. **Kyoya Abe, Fuji Ren, Shun Nishide *and* XIN KANG :** Construction of emergency medical support system based on understanding dialect intention, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
532. **Kaixuan Wang, Hongjun Ni, Fuji Ren, Jiaqiao Zhang, Shuaishuai Lv *and* Xingxing Wang :** Thermal Fault Area Recognition and Location System based on Infrared Image, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
533. **Duo Feng *and* Fuji Ren :** Real-time Dynamic Facial Expression Recognition System Based On CNN-GRU, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
534. **Wenjie Liu, Fuji Ren *and* Guoqing Wu :** Multi-scale Receptive Field Fusion Residual Network for Image Classification, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
535. **Quan Wang, Fei Wang, Peilin Jiang *and* Fuji Ren :** Binary K-means Tree Ensemble Classifiers, *The 15th International Conference on Natural Language Processing and Knowledge Engineering,* Xian, China and Web, Oct. 2020.
536. **Liyuan Liang, Xiaodong Ji *and* Fuji Ren :** Attention-based Bi-LSTM-CRF Network for Emotion Cause Extraction in Texts, *2020 IEEE International Conference on Mechatronics and Automation (ICMA),* Beijing, China, Oct. 2020.
537. **Shota Inui, Fuji Ren, Shun Nishide *and* XIN KANG :** Gait recognition in real environment using gait energy image generated by Mask R-CNN, *2020 IEEE International Conference on Mechatronics and Automation (ICMA),* Beijing, China, Oct. 2020.
538. **Weiwei Zhang *and* Fuji Ren :** ELMo+Gated Self-attention Network Based on BiDAF for Machine Reading Comprehension, *IEEE 11th International Conference on Software Engineering and Service Science (ICSESS),* 1-6, Beijing, Oct. 2020.
539. **Shi Xuefeng, XIN KANG, Liao Ping *and* Fuji Ren :** Building Label-Balanced Emotion Corpus Based On Active Learning for Text Emotion Classification, *In Proceedings of 2019 4th International Symposium on Artificial Intelligence and Robotics (ISAIR2019),* 13-24, Nov. 2020.
540. **Kirihara Taiga, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Keyword Extraction from TV Program Viewers Tweet Based on Neural Embedding Model, *Frontiers in Artificial Intelligence and Applications (FAIA), Fuzzy Systems and Data Mining VI,* **Vol.331,** 360-369, Nov. 2020.
541. **Fujisawa Akira, Kazuyuki Matsumoto, Kazuki Ohta, Minoru Yoshida *and* Kenji Kita :** ASCII Art Classification Model by Transfer Learning and Data Augmentation, *Frontiers in Artificial Intelligence and Applications (FAIA), Fuzzy Systems and Data Mining VI,* **Vol.331,** 608-618, Nov. 2020.
542. **Minoru Yoshida, Kohno Shogo, Kazuyuki Matsumoto *and* Kenji Kita :** Visualization of the Artist Relations Using Twitter User Profiles, *Frontiers in Artificial Intelligence and Applications (FAIA), Fuzzy Systems and Data Mining VI,,* **Vol.331,** 682-689, Nov. 2020.
543. **XIN KANG, Yunong Wu *and* Fuji Ren :** TUA1 at the NTCIR-15 DialEval-1 Task, *Proceedings of the 15th NTCIR Conference on Evaluation of Information Access Technologies,* 53-56, Tokyo, Dec. 2020.
544. **切原 大海, 松本 和幸, 吉田 稔, 北 研二 :** テレビ番組視聴者のツイートからのキーワード抽出および分類, *2020年度人工知能学会全国大会(第34回),* 2020年6月.
545. **藤澤 日明, 松本 和幸, 太田 万稀, 吉田 稔, 北 研二 :** 異なるタイプの画像コーパスからの転移学習とデータ拡張に基づくアスキーアートのカテゴリ分類, *JSKE 第22回日本感性工学会大会講演論文集,* 1-7, 2020年9月.
546. **山崎 大河, 西村 良太, 北岡 教英 :** 感情表現が可能なEnd-to-End日本語音声合成システムの構築, *日本音響学会研究発表会講演論文集,* **Vol.2-P2-12,** 859-862, 2020年9月.
547. **福田 翼, 西村 良太, 吉田 稔, 松本 和幸, 北 研二 :** 深層学習を用いたコミックの分析に関する研究, *令和2年度電気・電子・情報関係学会四国支部連合大会 講演論文集,* **Vol.15-7,** 1, 2020年9月.
548. **原 和樹, 鳥井 浩平, 松本 和幸, 吉田 稔, 西村 良太, 鶴木 次郎, 小林 健一郎, 北 研二 :** Mask R-CNNを用いたパントモ画像からの 歯牙検出及びセグメンテーション, *令和2年度電気・電子・情報関係学会四国支部連合大会, No.15-9,* 2020年9月.
549. **福田 芽衣子, Iribe Yurie, 西崎 博光, Yamamoto Kazumasa, 西村 良太, 北岡 教英 :** 超高齢者音声コーパスEARSの構築と音声認識への利用の予備検討, *情報処理学会研究報告,* **Vol.2020-SLP-1,** *No.6,* 1-6, 2020年10月.
550. **芳川 明奈, 三好 人正, 笠井 昭成, 松本 れいか, 宮城 愛, 宮本 弘志, 佐藤 康史, 六車 直樹, 北 研二, 高山 哲治 :** AI-based ESCC miRNA diagnosis model: retro-prospective multinational cohort study., *第74回日本食道学会学術集会,* 2020年12月.
551. **久保野 雄亮, 西出 俊, 康 鑫, 任 福継 :** 神経力学モデルによる複雑図形の学習と生成, *情報処理学会第83回全国大会,* **Vol.2021,** *No.2,* 449-450, 2021年3月.
552. **真砂 光志, 西出 俊, 康 鑫, 任 福継 :** 神経力学モデルを用いた楽譜の学習とコード系列からの和音生成, *第83回情報処理学会全国大会,* **Vol.2021,** *No.2,* 451-452, 2021年3月.
553. **篠山 学, 松本 和幸 :** インタビュー対話コーパスへの発話意図タグの付与と分析, *人工知能学会\_第91回言語・音声理解と対話処理研究会(SIG-SLUD-C003),* **Vol.B5,** *No.03,* 56-61, 2021年3月.
554. **門田 尚之, 西出 俊, 康 鑫, 任 福継 :** ロボット教師における特定分野のQAシステムの構築, *情報処理学会第83回全国大会講演論文集,* 563-564, 2021年3月.
555. **寺尾 渉吾, 西出 俊, 康 鑫, 任 福継 :** ロボット教師における特定人物の音声の自動生成, *情報処理学会第83回全国大会講演論文集,* 225-226, 2021年3月.
556. **喜島 涼太, 松本 和幸, 吉田 稔, 北 研二 :** MBTI性格推定モデルの構築における感性情報の有効性, *日本感性工学会春季大会(JSAEE2021)講演論文集,* 1-6, 2021年3月.
557. **北岡 教英, 西村 良太, 太田 健吾, 原 直 :** フォトリアルCGエージェントとのマルチモーダル対話システムの構築, *日本音響学会研究発表会講演論文集,* **Vol.1-2-6,** 793-796, 2021年3月.
558. **太田 健吾, 西村 良太, 北岡 教英 :** アクセント句を考慮した日本語 End-to-End 音声合成サーバの構築, *日本音響学会研究発表会講演論文集,* **Vol.1-2-7,** 797-798, 2021年3月.
559. **BYAMBADORJ ZOLZAYA, Ryota Nishimura, Ayush Altangerel, 太田 健吾 *and* Norihide Kitaoka :** Text to speech system for low resource languages by cross-lingual transfer learning and data augmentation, *日本音響学会研究発表会講演論文集,* **Vol.3-2-10,** 899-902, Mar. 2021.
560. **PUREVDORJ NARANGEREL, Ryota Nishimura, Ayush Altangerel, 太田 健吾 *and* Norihide Kitaoka :** Building low-resource speech recognizer: Transfer learning and data augmentation, *日本音響学会研究発表会講演論文集,* **Vol.3-2-9,** 895-898, Mar. 2021.
561. **池上 達也, 任 福継, 西出 俊, 康 鑫 :** Tweet日本語感情コーパスに対するBERTの効果の検証, *情報処理学会全国大会講演論文集,* 527-528, 2021年3月.
562. **Xiaohan Cai, Minoru Yoshida, Kazuyuki Matsumoto *and* Kenji Kita :** Facts analysis of food tweets, *情報処理学会 第83回全国大会,* Mar. 2021.
563. **北 研二, 西村 良太, 松本 和幸 :** AI・機械学習のためのデータ前処理 [入門編], --- Pythonでゼロからはじめる ---, 科学情報出版, 東京, 2021年6月.
564. **Minoru Yoshida *and* Kenji Kita :** Mining Numbers in Text: A Survey, IntechOpen, Jul. 2021.
565. **北 研二, 松本 和幸, 吉田 稔, 獅々堀 正幹, 大野 将樹 :** AI・機械学習のためのデータ前処理 [実践編], --- Pythonでデータサイエンス ---, 科学情報出版, 東京, 2021年8月.
566. **Kazuyuki Matsumoto :** Information Systems -Intelligent Information Processing Systems, Natural Language Processing, Affective Computing and Artificial Intelligence, and an Attempt to Build a Conversational Nursing Robot-, London, Oct. 2021.
567. **Xiaohua Wang, Cong Yu, Yu Gu, Min Hu *and* Fuji Ren :** Multi-Task and Attention Collaborative Network for Facial Emotion Recognition, *IEEJ Transactions on Electrical and Electronic Engineering (TEEE),* **Vol.16,** *No.4,* 568-576, 2021.
568. **Tetsuya Tanioka, Tomoya Yokotani, Tanioka Ryuichi, Betriana Feni, Kazuyuki Matsumoto, Rozzano De Castro Locsin, Zhao Yueren, Kyoko Osaka, Misao Miyagawa *and* Schoenhofer Savina :** Development Issues of Healthcare Robots: Compassionate Communication for Older Adults with Dementia, *International Journal of Environmental Research and Public Health,* **Vol.18,** *No.9,* 4538, 2021.
569. **Min Hu, Peng Ge, Xiaohua Wang, Hui Lin *and* Fuji Ren :** A spatio-temporal integrated model based on local and global features for video expression recognition, *The Visual Computer,* 1-18, 2021.
570. **Duo Feng *and* Fuji Ren :** Data-Driven Channel Pruning towards Local Binary Convolution Inverse Bottleneck Network Based on Squeeze-and-Excitation Optimization Weights, *Electronics,* 1-14, 2021.
571. **ZOLZAYA BYAMBADORJ, Ryota Nishimura, Ayush Altangerel *and* Norihide Kitaoka :** Normalization of Transliterated Mongolian Words Using Seq2Seq Model with Limited Data (accepted), *ACM Transactions on Asian and Low-Resource Language Information Processing,* **Vol.20,** *No.6,* 1-19, 2021.
572. **Tian Chen, Hongfang Yin, Xiaohui Yuan, Yu Gu, Fuji Ren *and* Xiao Sun :** Emotion recognition based on fusion of long short-term memory networks and SVMs, *Digital Signal Processing,* 1-10, 2021.
573. **Yiming Tang, Witold Pedrycz *and* Fuji Ren :** Granular symmetric implicational method, *IEEE Transactions on Emerging Topics in Computational Intelligence,* 1-14, 2021.
574. **Wenjie Liu, Guoqing Wu *and* Fuji Ren :** Deep Multibranch Fusion Residual Network for Insect Pest Recognition, *IEEE Transactions on Cognitive and Developmental Systems,* **Vol.13,** *No.3,* 705-716, 2021.
575. **Tianhao She *and* Fuji Ren :** Enhance the Language Ability of Humanoid Robot NAO through Deep Learning to Interact with Autistic Children, *Electronics,* **Vol.10,** *No.19,* 1-21, 2021.
576. **Ohta Kengo, Ryota Nishimura *and* Norihide Kitaoka :** Response Type Selection for Chat-like Spoken Dialog Systems Based on LSTM and Multi-task Learning (accepted), *Speech Communication,* **Vol.133,** *No.2021,* 23-30, 2021.
577. **Reishi Amitani, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Buzz Tweet Classification Based on Text and Image Features of Tweets Using Multi-Task Learning, *Applied Sciences,* **Vol.11,** *No.22,* 2021.
578. **Quan Wang, Fei Wang, Fuji Ren, Zhongheng Li *and* Feiping Nie :** An Effective Clustering Optimization Method for Unsupervised Linear Discriminant Analysis, *IEEE Transactions on Knowledge and Data Engineering,* 1-13, 2021.
579. **Fuji Ren *and* Tianhao She :** Utilizing External Knowledge to Enhance Semantics in Emotion Detection in Conversation, *IEEE Access,* **Vol.10,** *No.19,* 1-11, 2021.
580. **Yu Gu, Huan Yan, Xiang Zhang, Zhi Liu *and* Fuji Ren :** 3D Facial Expression Recognition via Attention-based Multi-channel Data Fusion Network, *IEEE Transactions on Instrumentation and Measurement,* 1-11, 2021.
581. **Mingxing Jiang, Liquan Shen, Min Hu, Ping An *and* Fuji Ren :** Blind Quality Evaluator of Tone-Mapped HDR and Multi-Exposure Fused Images for Electronic Display, *IEEE Transactions on Consumer Electronics,* 1-13, 2021.
582. **Byambadorj Zolzaya, Ryota Nishimura, Altangerel Ayush, Ohta Kengo *and* Norihide Kitaoka :** Text-to-speech system for low-resource language using cross-lingual transfer learning and data augmentation, *EURASIP Journal on Audio, Speech, and Music Processing,* **Vol.2021,** *No.42,* 1-20, 2021.
583. **Kazuyuki Matsumoto, Seiji Tsuchiya, Minoru Yoshida *and* Kenji Kita :** Construction and Expansion of Dictionary of Idiomatic Emotional Expressions and Idiomatic Emotional Expression Corpus, *International Journal of Computer & Software Engineering,* **Vol.6,** *No.2,* 2021.
584. **Min Hu, Dong Guo, Mingxing Jiang, Fei Qian, Xiaohua Wang *and* Fuji Ren :** rPPG-Based Heart Rate Estimation using Spatial-Temporal Attention Network, *IEEE Transactions on Cognitive and Developmental Systems,* 1-20, 2021.
585. **Haitao Yu, Degen Huang, Fuji Ren *and* Lishuang Li :** Diagnostic Evaluation of Policy-Gradient-Based Ranking, *Electronics,* **Vol.10,** *No.19,* 1-21, 2021.
586. **Jiawen Deng *and* Fuji Ren :** A Survey of Textual Emotion Recognition and Its Challenges, *IEEE Transactions on Affective Computing,* 1-20, 2021.
587. **Qian Zhang *and* Fuji Ren :** Prior-based bayesian pairwise ranking for one-class collaborative filtering, *Neurocomputing,* **Vol.440,** 365-374, 2021.
588. **Min Hu, Fei Qian, Xiaohua Wang, Lei He, Dong Guo *and* Fuji Ren :** Robust Heart Rate Estimation with Spatial-Temporal Attention Network from Facial Videos, *IEEE Transactions on Cognitive and Developmental Systems,* 1-20, 2021.
589. **Yu Gu, Huan Yan, Mianxiong Dong, Meng Wang, Xiang Zhang, Zhi Liu *and* Fuji Ren :** WiONE: One-Shot Learning for Environment-Robust Device-Free User Authentication via Commodity Wi-Fi in Man-Machine System, *IEEE Transactions on Computational Social Systems,* 1-13, 2021.
590. **Min Hu, Qian Chu, Xiaohua Wang, Lei He *and* Fuji Ren :** A Two-Stage Spatiotemporal Attention Convolution Network for Continuous Dimensional Emotion Recognition from Facial Video, *IEEE Signal Processing Letters,* 1-20, 2021.
591. **Siyuan Xue *and* Fuji Ren :** Intent-Enhanced Attentive Bert Capsule Network for Zero-shot Intention Detection, *Neurocomputing,* 2-15, 2021.
592. **Qian Zhang *and* Fuji Ren :** Double bayesian pairwise learning for one-class collaborative filtering, *Knowledge-based Systems,* **Vol.440,** 2-13, 2021.
593. **Kazuyuki Matsumoto, Ryota Kishima, Seiji Tsuchiya, Tomoki Hirobayashi, Minoru Yoshida *and* Kenji Kita :** Relationship Between Personality Patterns and Harmfulness: Analysis and Prediction Based on Sentence Embedding, *International Journal of Information Technology and Web Engineering,* **Vol.17,** *No.1,* 1-24, 2022.
594. **Kazuyuki Matsumoto, Manabu Sasayama *and* Taiga Kirihara :** Topic Break Detection in Interview Dialogues Using Sentence Embedding of Utterance and Speech Intention Based on Multitask Neural Networks, *Sensors,* **Vol.22,** *No.2,* 2022.
595. **Akira Fujisawa, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Emotion Estimation Method Based on Emoticon Image Features and Distributed Representations of Sentences, *Applied Sciences,* **Vol.12,** *No.3,* 2022.
596. **Yuichi Nagata *and* Shinji Imahori :** Escherization with Large Deformations Based on As-Rigid-As-Possible Shape Modeling, *ACM Transactions on Graphics,* **Vol.41,** *No.2:11,* 1-16, 2022.
597. **Kazuyuki Matsumoto, Manabu Sasayama, Minoru Yoshida, Kenji Kita *and* Fuji Ren :** Emotion Analysis and Dialogue Breakdown Detection in Dialogue of Chat Systems Based on Deep Neural Networks, *Electronics,* **Vol.11,** *No.5,* 2022.
598. **大須賀 晋, 田中 五大, 鍋倉 彩那, 藤井 宏行, 中野 涼太, 渡邉 凌太, TELYUKA (名), 太田 健吾, 西村 良太, 北岡 教英 :** 次世代の移動を支えるマルチモーダルエージェント``Saya'', *自動車技術,* **Vol.75,** *No.9,* 108-109, 2021年9月.
599. **Jing Wang, Fuji Ren *and* Yindong Dong :** Application of Multiple Neural Networks in Aspect Sentiment Analysis, *2021 IEEE 6th International Conference on Cloud Computing and Big Data Analytics,* 178-182, Chengdu, Apr. 2021.
600. **Kazuyuki Matsumoto, Ryu Mopuaa, Minoru Yoshida *and* Kenji Kita :** Lifestyle Analysis via a Corpus of Disease-Fighting Weblogs, *Proceedings of 2021 IEEE 2nd International Conference on Pattern Recognition and Machine Learning (PRML 2021),* 266-272, Chengdu, Jul. 2021.
601. **Kishima Ryota, Kazuyuki Matsumoto, Hirobayashi Tomoki, Seiji Tsuchiya, Minoru Yoshida *and* Kenji Kita :** The Relationship between Personality Patterns and Harmfulness: Analysis and Prediction based on Sentence Embedding, *3rd Technological Competency as Caring in the Health Sciences 2021,* Aug. 2021.
602. **Kui Zhang, Min Hu, Fuji Ren *and* Pengyuan Hu :** Sentiment Analysis of Chinese Product Reviews Based on BERT Word Vector and Hierarchical Bidirectional LSTM, *2021 IEEE International Conference on Computer Science, Artificial Intelligence and Electronic Engineering (CSAIEE),* 9-14, SC, USA, Aug. 2021.
603. **Liang Li, Min Hu, Fuji Ren *and* Haijun Xu :** Temporal Attention Based TCN-BIGRU Model for Energy Time Series Forecasting, *2021 IEEE International Conference on Computer Science, Artificial Intelligence and Electronic Engineering (CSAIEE),* 187-193, SC, USA, Aug. 2021.
604. **Ryota Nishimura :** IEEE GCCE 2021 Tutorial "Research Life Hacks", *IEEE GCCE 2021,* Osaka, Oct. 2021.
605. **Kazuyuki Matsumoto, Matsunaga Takumi, Minoru Yoshida *and* Kenji Kita :** Construction of Emotional Similarity Word Embedding Model for Sentiment Analysis, *20th Mexican International Conference on Artificial Intelligence (MICAI2021),* Oct. 2021.
606. **Kubono Yusuke, Shun Nishide, XIN KANG *and* Fuji Ren :** Prediction and Generation of Multiple Complex Drawing Figures From Partial Drawing Sequences, *13th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment, and Management,* 1-5, Nov. 2021.
607. **Ryota Kishima, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Construction of MBTI Personality Estimation Model Considering Emotional Information, *Proceedings of the 35th Pacific Asia Conference on Language, Information and Computation (PACLIC35),* 262-269, Shanghai, Nov. 2021.
608. **Zolzaya Byambadorj, Ryota Nishimura, Ayush Altangerel, Kengo Ohta *and* Norihide Kitaoka :** Multi-speaker TTS system for low-resource language using cross-lingual transfer learning and data augmentation, *Proceedings, APSIPA Annual Summit and Conference 2021,* 849-853, Tokyo, Dec. 2021.
609. **Mori Daiki, Ohta Kengo, Ryota Nishimura, Ogawa Atsunori *and* Norihide Kitaoka :** Advanced language model fusion method for encoder-decoder model in Japanese speech recognition, *Proceedings, APSIPA Annual Summit and Conference 2021,* 503-510, Tokyo, Dec. 2021.
610. **Horii Koharu, Meiko Fukuda, Ohta Kengo, Ryota Nishimura, Ogawa Atsunori *and* Norihide Kitaoka :** End-to-End Spontaneous Speech Recognition Using Hesitation Labeling, *Proceedings, APSIPA Annual Summit and Conference 2021,* 1077-1081, Tokyo, Dec. 2021.
611. **KAIXUAN WANG, Fuji Ren, XIN KANG, Shuaishuai Lv, Hongjun Ni *and* Yuan Haifeng :** Thermal Defect Detection and Location for Power Equipment based on Improved VGG16, *Proceedings of the 5th IEEE International Conference on Agent,* Dec. 2021.
612. **Zhuangzhuang Hao, Fuji Ren, XIN KANG, Ni Hongjun, Lv Shuaishuai *and* Wang Hui :** Classification of Steel Strip Surface Defects Based on Optimized ResNet18, *2021 IEEE International Conference on Agents (ICA),* 61-62, Dec. 2021.
613. **Reishi Amitani, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Prediction of Number of Likes and Retweets based on the Features of Tweet Text and Images, *Proceedings of 2021 5th International Conference on Natural Language Processing and Information Retrieval,* Online, Dec. 2021.
614. **Taiga Kirihara, Kazuyuki Matsumoto, Manabu Sasayama, Minoru Yoshida *and* Kenji Kita :** Topic Segmentation for Interview Dialogue System, *Proceedings of 2021 5th International Conference on Natural Language Processing and Information Retrieval,* Online, Dec. 2021.
615. **Manabu Sasayama *and* Kazuyuki Matsumoto :** Annotation and Evaluation of Utterance Intention Tag for Interview Dialogue Corpus, *Proceedings of 2021 5th International Conference on Natural Language Processing and Information Retrieval,* Dec. 2021.
616. **Tatsuya Ikegami, XIN KANG *and* Fuji Ren :** Improvement of Japanese Text Emotion Analysis by Active Learning Using Transformers Language Model, *Proceeding of 2022 IEEE 14th International Conference on Computer Research and Development(ICCRD),* 171-177, Jan. 2022.
617. **Yuma Komoto, XIN KANG *and* Fuji Ren :** Creating a Japanese dialogue corpus with multi-level topic analysis, *2022 4th International Conference on Natural Language Processing,* Mar. 2022.
618. **堀井 こはる, 福田 芽衣子, 太田 健吾, 西村 良太, 北岡 教英 :** 言い淀みラベル付けによる非流暢発話のEnd-to-End音声認識, *情報処理学会研究報告,* **Vol.2021-SLP-137,** *No.17,* 1-7, 2021年6月.
619. **森 大輝, 太田 健吾, 西村 良太, 小川 厚徳, 北岡 教英 :** End-to-end音声認識モデルにおける暗黙的言語情報の置換法, *情報処理学会研究報告,* **Vol.2021-SLP-137,** *No.17,* 1-6, 2021年6月.
620. **永田 裕一 :** 局所的な類似性に着目したエッシャータイリング問題へのアプローチ, *電気学会システム研究会,* 2021年6月.
621. **松永 拓巳, 松本 和幸, 吉田 稔, 北 研二 :** 感情分類を用いた単語分散表現からの感性情報抽出, *第20回情報科学技術フォーラム(FIT2021)講演論文集,* **Vol.2,** 41-46, 2021年8月.
622. **網谷 嶺志, 松本 和幸, 吉田 稔, 北 研二 :** 発言内容と画像に基づくバズツイート分類, *JSKE 第23回日本感性工学会講演論文集,* 1-5, 2021年9月.
623. **松本 稔, 永田 裕一 :** GAによる強い宝くじ仮説に基づいたNNの枝刈りに関する実験的考察, *電気学会C部門大会2021,* 2021年9月.
624. **NARANGEREL PUREVDORJ, 西村 良太, Ayush Altangerel, Ohta Kengo, 北岡 教英 :** How language similarity affects the Mongolian ASR using cross-lingual transfer learning, *日本音響学会研究発表会講演論文集,* **Vol.2-3-7,** 2021年9月.
625. **Zolzaya Byambadorj, 西村 良太, Ayush Altangerel, Ohta Kengo, 北岡 教英 :** Cross-lingual, multi-speaker text-to-speech synthesis for low resource languages, *日本音響学会研究発表会講演論文集,* **Vol.1-3-7,** 2021年9月.
626. **三宅 惇也, 誉田 栄一, 鳥井 浩平, 小林 健一郎, 友江 剛, 北 研二 :** 深層ニューラルネットワークを用いた歯科インプラントの同定, *令和3年度電気・電子・情報関係学会四国支部連合大会,* 14-4, 2021年9月.
627. **堀井 こはる, 福田 芽衣子, 太田 健吾, 西村 良太, 北岡 教英 :** 言い淀みを考慮した自由発話のEnd-to-End音声認識, *日本音響学会研究発表会講演論文集,* **Vol.1-3-3,** 851-854, 2021年9月.
628. **森 大輝, 太田 健吾, 西村 良太, 小川 厚徳, 北岡 教英 :** Encoder-Decoder音声認識モデルにおける暗黙的言語情報の置換法, *日本音響学会研究発表会講演論文集,* **Vol.1-3-1,** 843-846, 2021年9月.
629. **福田 芽衣子, 西村 良太, 西崎 博光, 入部 百合絵, 山本 一公, 北岡 教英 :** 超高齢者音声コーパスEARSにおける超高齢者の音響的特徴, *日本音響学会研究発表会講演論文集,* **Vol.2-3P-11,** 1105-1108, 2021年9月.
630. **西村 良太, 森 貴大, 北岡 教英 :** ROSを利用したリアルタイム制御が可能な音声対話システムの構築, *日本音響学会研究発表会講演論文集,* **Vol.2-3Q-4,** 1123-1126, 2021年9月.
631. **北岡 教英, 西村 良太, 太田 健吾, 石川 晃之, 石川 友香, 中野 涼太, 田中 五大, 鍋倉 彩那, 佐藤 辰耶, 渡邊 凌太, 大須賀 晋 :** 3D CGエージェントSayaとの対話における応答制御, *日本音響学会研究発表会講演論文集,* **Vol.3-3-14,** 1277-1280, 2021年9月.
632. **宮下 翼, 吉田 稔, 松本 和幸, 西村 良太, 北 研二 :** 闘病ブログコーパスからの生活習慣の抽出, *令和3年度 電気・電子・情報関係学会 四国支部連合大会 講演論文集,* 187, 2021年9月.
633. **鳥井 浩平, 誉田 栄一, 小林 健一郎, 友江 剛, 鶴木 次郎, 北 研二 :** AI技術を用いたパノラマ歯科X線画像診断支援システムの開発, *歯科放射線61巻増刊号(第2回秋季学術大会),* **Vol.61,** 31, 2021年10月.
634. **森 大輝, 太田 健吾, 西村 良太, 北岡 教英 :** Encoder-Decoder音声認識モデルにおける暗黙的言語情報の置換法, *第19回情報学ワークショップ(WiNF2021),* **Vol.S-5-3,** 2021年11月.
635. **堀井 こはる, 福田 芽衣子, 太田 健吾, 西村 良太, 北岡 教英 :** 言い淀みを考慮したEnd-to-End音声認識, *第19回情報学ワークショップ(WiNF2021),* **Vol.S-5-2,** 2021年11月.
636. **西村 良太 :** 自然な対話を可能とする音声対話システムの実現に向けた研究, *IEEE札幌支部合同学術講演会,* 2021年11月.
637. **81. 米田 和弘, 永田 裕一 :** 深層強化学習を用いたロボット制御法の内発的報酬による学習改善, *ICE四国支部学術講演会,* 2021年12月.
638. **82. 居村 亮治, 永田 裕一 :** バネモデルを用いた目標図形の自然な変形による エッシャータイリングの生成法, *ICE四国支部学術講演会,* 2021年12月.
639. **83. 亘 海都, 永田 裕一 :** 層学習エージェントを用いた自己対戦によるコンピュータ大貧民の学習, *進化計算シンポジウム 2021,* 2021年12月.
640. **網谷 嶺志, 松本 和幸, 吉田 稔, 北 研二 :** 投稿文および画像といいね数との関係に基づく流行要因分析, *HCG シンポジウム2021,* 2021年12月.
641. **84. 岡田 直也, 永田 裕一 :** AlphaZeroを用いた自己対戦による七並べゲームプレイヤの作成, *第21回進化計算学会研究会,* 2022年3月.
642. **西久保 雅人, 永田 裕一 :** 多変量混合正規分布を用いたCMA-ESの提案とその性能評価, *第21回進化計算学会研究会,* 2022年3月.
643. **吉田 基信, 松本 和幸, 吉田 稔, 北 研二 :** BERTを用いたSNS上における攻撃的文章訂正システム, *情報処理学会第84回全国大会講演論文集,* 2022年3月.
644. **竹嶋 翔矢, 篠山 学, 松本 和幸 :** 機械学習を用いた単語の意味の分類, *情報処理学会 第84回 全国大会,* 2022年3月.
645. **森 大輝, 太田 健吾, 西村 良太, 小川 厚徳, 北岡 教英 :** タスク外音響情報を付加したEnd-to-End音声認識モデルの設計, *日本音響学会講論集,* **Vol.2-3Q-2,** 1141-1144, 2022年3月.
646. **堀井 こはる, 福田 芽衣子, 太田 健吾, 西村 良太, 小川 厚徳, 北岡 教英 :** 非流暢ラベルを用いた言い淀み整形End-to-End音声認識, *日本音響学会講論集,* **Vol.1-3-5,** 889-892, 2022年3月.
647. **森 大輝, 太田 健吾, 西村 良太, 小川 厚徳, 北岡 教英 :** タスク外音響情報を付加した End-to-End 音声認識モデルの設計, *日本音響学会講演論文集,* **Vol.2-3Q-2,** 1141-1144, 2022年3月.
648. **三木 建哉, 松本 和幸, 吉田 稔, 北 研二 :** 登場人物の感情表現文の抽出による物語のハイライト生成, *電子情報通信学会2022年総合大会 情報・システムソサイエティ特別企画 ジュニア&学生ポスターセッション予稿集,* 2022年3月.
649. **田渕 尚道, 松本 和幸, 吉田 稔, 西村 良太, 北 研二 :** SNS の投稿内容に基づく生活習慣病発症リスクの分析, *言語処理学会 第28回年次大会 発表論文集,* 1946-1950, 2022年3月.
650. **鳥取 賢人, 松本 和幸, 吉田 稔, 北 研二 :** 多変量解析と機械学習を用いたカラーイメージスケールの再構成に関する一検討, *第17回日本感性工学会春季大会,* 35-38, 2022年3月.
651. **野上 順平, 松本 和幸 :** コロナ禍におけるオンラインでの活動と新入生育成, *第17回 大学教育カンファレンス in 徳島 発表抄録集,* 60-61, 2022年1月.
652. **Betriana Feni, Tanioka Ryuichi, Yokotani Tomoya, Kazuyuki Matsumoto, Zhao Yueren, Kyoko Osaka, Misao Miyagawa, Kai Yoshihiro, Schoenhofer Savina, Rozzano De Castro Locsin *and* Tetsuya Tanioka :** Characteristics of interactive communication between Pepper robot, patients with schizophrenia, and healthy persons, *Belitung Nursing Journal,* **Vol.8,** *No.2,* 2022.
653. **西村 良太, 森 雷太, 北岡 教英 :** 音声対話システムのための自由発話に対応した照応解析による入力発話への話題補完手法, *人工知能学会論文誌,* **Vol.37,** *No.3,* 1-13, 2022年.
654. **Kyoko Osaka, Kazuyuki Matsumoto, Akiyama Toshiya, Tanioka Ryuichi, Betriana Feni, Zhao Yueren, Kai Yoshihiro, Misao Miyagawa, Tetsuya Tanioka *and* Rozzano De Castro Locsin :** Investigation of Methods to Create Future Multimodal Emotional Data for Robot Interactions in Patients with Schizophrenia: A Case Study, *Healthcare,* **Vol.10,** *No.5,* 848, 2022.
655. **Meiko Fukuda, Ryota Nishimura, Hiromitsu Nishizaki, Koharu Horii, Yurie Iribe, Kazumasa Yamamoto *and* Norihide Kitaoka :** A new speech corpus of super-elderly Japanese for acoustic modeling, *Computer Speech & Language,* **Vol.77,** 101424, 2022.
656. **Kazuyuki Matsumoto, Takumi Matsunaga, Minoru Yoshida *and* Kenji Kita :** Emotional Similarity Word Embedding Model for Sentiment Analysis, *Computacion y Sistemas,* **Vol.26,** *No.2,* 875-886, 2022.
657. **Gil P. Soriano, Yuko Yasuhara, Hirokazu Ito, Kazuyuki Matsumoto, Kyoko Osaka, Yoshihiro Kai, Rozzano Locsin, Savina Schoenhofer *and* Tetsuya Tanioka :** Robots and Robotics in Nursing, *Healthcare,* **Vol.10,** *No.8,* 1571, 2022.
658. **鳥井 浩平, 誉田 栄一, 北 研二 :** AIを用いたパノラマX線画像からのカルテ入力支援システムの開発, *歯科放射線,* **Vol.62,** *No.1,* 24-34, 2022年.
659. **宮下 翼, 松本 和幸, 吉田 稔, 西村 良太, 北 研二 :** 糖尿病患者のブログに記述された生活習慣の抽出, *電気学会論文誌C (電子，情報，システム部門誌),* **Vol.142,** *No.10,* 1144-1155, 2022年.
660. **Kazuyuki Matsumoto, Reishi Amitani, Minoru Yoshida *and* Kenji Kita :** Trend Prediction Based on Multi-Modal Affective Analysis from Social Networking Posts, *Electronics,* **Vol.11,** *No.21,* 2022.
661. **Li Zhiyang, Li Bin, Ni Hongjun, Fuji Ren, Lv Shuaishuai *and* XIN KANG :** An Effective Surface Defect Classification Method Based on RepVGG with CBAM Attention Mechanism (RepVGG-CBAM) for Aluminum Profiles, *Metals,* **Vol.12,** *No.11,* 1-16, 2022.
662. **Toshiya Akiyama, Kazuyuki Matsumoto, Kyoko Osaka, Ryuichi Tanioka, Feni Betriana, Yueren Zhao, Yoshihiro Kai, Misao Miyagawa, Yuko Yasuhara, Hirokazu Ito, Gil Soriano *and* Tetsuya Tanioka :** Comparison of Subjective Facial Emotion Recognition and Facial Emotion Recognition Based on Multi-Task Cascaded Convolutional Network Face Detection between Patients with Schizophrenia and Healthy Participants, *Healthcare,* **Vol.10,** *No.12,* 2363, 2022.
663. **Fuji Ren, Zheng Liu *and* XIN KANG :** An efficient framework for constructing speech emotion corpus based on integrated active learning strategies, *IEEE Transactions on Affective Computing,* **Vol.13,** *No.4,* 1929-1940, 2022.
664. **XIN KANG, Shi Xuefeng, Yunong Wu *and* Fuji Ren :** Active learning with complementary sampling for instructing class-biased multi-label text emotion classification, *IEEE Transactions on Affective Computing,* **Vol.14,** *No.1,* 523-536, 2023.
665. **Yangyang Zhou, XIN KANG *and* Fuji Ren :** Prompt Consistency for Multi-label Textual Emotion Detection, *IEEE Transactions on Affective Computing,* 1-10, 2023.
666. **吉田 稔, 松本 和幸, 北 研二 :** Value行列を手掛かりとした Transformerの分析, *人工知能学会論文誌,* **Vol.38,** *No.2,* 2023年.
667. **北岡 教英, 西村 良太, 太田 健吾 :** フォトリアルCGエージェントとのマルチモーダル対話, *日本音響学会誌,* **Vol.78,** *No.5,* 257-264, 2022年5月.
668. **Liu Zheng, XIN KANG *and* Fuji Ren :** Improving speech emotion recognition by fusing pre-trained and acoustic features using Transformer and BiLSTM, *12th International Conference on Intelligent Information Processing (IIP2022),* 1-12, May 2022.
669. **Zhou Yangyang, XIN KANG *and* Fuji Ren :** Employing Contrastive Strategies for Multi-label Textual Emotion Recognition, *12th International Conference on Intelligent Information Processing (IIP2022),* 13-24, May 2022.
670. **Ding Fei, XIN KANG, Yunong Wu *and* Fuji Ren :** TUA1 at the NTCIR-16 DialEval-2 Task, *Proceedings of the 16th NTCIR Conference on Evaluation of Information Access Technologies,* 1-5, Jun. 2022.
671. **Naomichi Tabuchi, Kazuyuki Matsumoto, Minoru Yoshida, Ryota Nishimura *and* Kenji Kita :** Risk Analysis of Developing Lifestyle-related Diseases based on the Content of Social Networking Service Posts, *Innovation in Medicine and Healthcare, Part of the Smart Innovation, Systems and Technologies book series,* **Vol.308,** 63-72, Jun. 2022.
672. **Meiko Fukuda, Ryota Nishimura, Maina Umezawa, Kazumasa Yamamoto, Yurie Iribe *and* Norihide Kitaoka :** Elderly Conversational Speech Corpus with Cognitive Impairment Test and Pilot Dementia Detection Experiment Using Acoustic Characteristics of Speech in Japanese Dialects, *Proceedings of the Thirteenth Language Resources and Evaluation Conference,* 1016-1022, Marseille, France, Jun. 2022.
673. **Naomichi Tabuchi, Kazuyuki Matsumoto, Minoru Yoshida, Ryota Nishimura *and* Kenji Kita :** Analysis of Lifestyle Habits from Weblogs of Patients with Intractable Diseases Using Deep Learning, *Proceedings of International Conference on Electrical, Computer and Energy Technologies (ICECET),* Jul. 2022.
674. **Daichi Kawahara, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Music Video Search System Based on Comment Data and Lyrics, *Advances in Natural Computation, Fuzzy Systems and Knowledge Discovery(Lecture Notes on Data Engineering and Communications Technologies; LNDECT),* **Vol.153,** 1125-1135, Jul. 2022.
675. **Li Bin, Fuji Ren, Ni Hongjun, XIN KANG, Lv Shuaishuai *and* Hao Zhuangzhuang :** Classification Method of Surface Defects of Aluminum Profile Based on Transfer Learning, *International Conference on Machine Learning and Intelligent Systems Engineering (MLISE 2022),* 1-5, Aug. 2022.
676. **XIN KANG, Rongyu Dou *and* Haitao Yu :** TUA1 at eRisk 2022: Exploring Affective Memories for Early Detection of Depression, *Experimental IR Meets Multilinguality, Multimodality, and Interaction. Proceedings of the Thirteenth International Conference of the CLEF Association (CLEF 2022),* **Vol.13390,** 1-12, Sep. 2022.
677. **Koharu Horii, Meiko Fukuda, Kengo Ohta, Ryota Nishimura, Atsunori Ogawa *and* Norihide Kitaoka :** End-to-End Spontaneous Speech Recognition Using Disfluency Labeling, *Proc. of Interspeech 2022,* 4108-4112, Incheon, Korea, Sep. 2022.
678. **Mori Daiki, Ohta Kengo, Ryota Nishimura *and* Norihide Kitaoka :** Implicit language information replacing method in Japanese encoderdecode ASR model, *2022 9th International Conference on Advanced Informatics: Concepts, Theory and Applications (ICAICTA),* Tokoname, Japan, Sep. 2022.
679. **Motonobu Yoshida, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** A System to Correct Toxic Expression with BERT, *Proceedings of the 14th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management - KEOD,* 92-97, Valletta, Oct. 2022.
680. **Fuji Ren, Jiao Ziyun *and* XIN KANG :** Improved Transformer-based Implicit Latent GAN with Multi-headed Self-attention for Unconditional Text Generation, *The Fifth International Conference on Intelligence Science (ICIS2022),* **Vol.659,** 166-173, Oct. 2022.
681. **Reishi Amitani, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** Affective Analysis and Visualization from Posted Text, Replies, and Images for Analysis of Buzz Factors, *Frontiers in Artificial Intelligence and Applications (FAIA), Fuzzy Systems and Data Mining VIII,* **Vol.358,** 191-203, Nov. 2022.
682. **Zhou yuxiang, XIN KANG *and* Fuji Ren :** MDSU-Net: A Multi-attention and Depthwise Separable Convolution Network for Stroke Lesion Segmentation, *2022 9th International Conference on Biomedical and Bioinformatics Engineering (ICBBE 2022),* 1-14, Nov. 2022.
683. **Meiko Fukuda, Masakazu Sugiyama, Ryota Nishimura *and* Norihide Kitaoka :** A Corpus-based Analysis of Age-related Changes in the Acoustic Features of Elderly to Super Elderly Speech, *The O-COCOSDA 2022,* Hanoi, Vietnam, Nov. 2022.
684. **Akiyama Toshiya, Soriano Gil, Blaquera Paulo Allan, Yuko Yasuhara, Hirokazu Ito, Kazuyuki Matsumoto, Zhao Yueren, Kyoko Osaka, Tanioka Ryuichi, Kai Yoshihiro *and* Tetsuya Tanioka :** Inter-Rater Reliability Between the Results of Human Judgments of Emotions and those of Empathy, *4TH INTERNATIONAL CONFERENCE ON TECHNOLOGICAL COMPETENCY AS CARING IN NURSING AND HEALTH SCIENCES 2022,* WEB, Dec. 2022.
685. **Yukari Hisaka, Hirokazu Ito, Yuko Yasuhara, Kazuyuki Matsumoto, Blaquera Paulo Allan, Takase Kensaku *and* Tetsuya Tanioka :** Difficulties in Nursing Practice Content and its Reasons for Patients with Acute Stroke, *4TH INTERNATIONAL CONFERENCE ON TECHNOLOGICAL COMPETENCY AS CARING IN NURSING AND HEALTH SCIENCES 2022,* WEB, Dec. 2022.
686. **Tomoki Kusunose, XIN KANG, Keita Kiuchi, Ryota Nishimura, Manabu Sasayama *and* Kazuyuki Matsumoto :** Facial Expression Emotion Recognition Based on Transfer Learning and Generative Model, *2022 8th International Conference on Systems and Informatics (ICSAI),* 107-112, Kunming, China, Dec. 2022.
687. **Junya Furutani, XIN KANG, Keita Kiuchi, Ryota Nishimura, Manabu Sasayama *and* Kazuyuki Matsumoto :** Learning a Bimodal Emotion Recognition System Based on Small Amount of Speech Data, *2022 8th International Conference on Systems and Informatics (ICSAI),* 160-164, Kunming, China, Dec. 2022.
688. **Kazuyuki Matsumoto :** Objective Analysis Techniques for Descriptive Answer Sentences in Questionnaires Using Natural Language Processing and Machine Learning, *4TH INTERNATIONAL CONFERENCE ON TECHNOLOGICAL COMPETENCY AS CARING IN NURSING AND HEALTH SCIENCES 2022,* Online, Dec. 2022.
689. **Daiki Mori, Kazuyuki Matsumoto, Manabu Sasayama, Minoru Yoshida *and* Kenji Kita :** Emotion and personality estimation of utterances in a dialogue model reflecting personality, *Proceedings of 4th International Conference on Technological Competency as Caring in Nursing and Health Sciences 2022,* 105, Online, Dec. 2022.
690. **Haoyu Wang, XIN KANG *and* Fuji Ren :** Emotion-Sentence-DistilBERT: A Sentence-BERT-Based Distillation Model for Text Emotion Classification, *Communications in Computer and Information Science,* **Vol.1701,** 313-322, Dec. 2022.
691. **He Jiaxin, XIN KANG *and* Fuji Ren :** Gait Recognition for Laboratory Safety Management Based on Human Body Pose Model, *Communications in Computer and Information Science,* **Vol.1701,** 323-331, Dec. 2022.
692. **Li Xiudong, XIN KANG *and* Fuji Ren :** Use Active Learning to Construct Japanese Emoji Emotion Database, *Communications in Computer and Information Science,* **Vol.1701,** 332-340, Dec. 2022.
693. **Shohei Noguchi, Kazuyuki Matsumoto, Minoru Yoshida, Ryota Nishimura *and* Kenji Kita :** Extraction of keywords from disease-fighting blogs by fine-tuning the T5 model, *2022 6th International Conference on Natural Language Processing and Information Retrieval,* Dec. 2022.
694. **Hagio Shohei *and* XIN KANG :** A Study of Response Sentence Generation Considering Topic in Neural Dialogue Model, *The 1st International Conference on Communication, Security and Artificial Intelligence (ICCSAI-2022),* 1-6, Dec. 2022.
695. **Shingo Hanahira *and* XIN KANG :** Resolving Context Contradictions in the Neural Dialogue System based on Sentiment Information, *The 7th International Conference on Machine Learning and Soft Computing (ICMLSC2023),* 1-8, Jan. 2023.
696. **Ochi Arata *and* XIN KANG :** Learning a Parallel Network for Emotion Recognition Based on Small Training Data, *The 8th International Conference on Systems and Informatics (ICSAI 2022),* 1-5, Jan. 2023.
697. **Toshiya Akiyama, Kazuyuki Matsumoto, Kyoko Osaka, Ryuichi Tanioka, Yuko Yasuhara, Hirokazu Ito, Gil Soriano, Allan Paulo Blaquera, Yoshihiro Kai *and* Tetsuya Tanioka :** A pilot case study for developing a software for human emotion recognition using multimodal data, *2023 IEEE/SICE International Symposium on System Integration (SII),* 1041-1045, WEB, Jan. 2023.
698. **Yuichi Nagata :** Research on automatic generation of artistic paintings called Escher tiling, *The 9th international forum on Advanced Technologies (IFAT 2023),* Mar. 2023.
699. **河原 大智, 松本 和幸, 吉田 稔, 北 研二 :** コメントデータと歌詞に基づく楽曲動画検索システム, *2022年度 人工知能学会全国大会講演論文集,* 4O1-GS-4-05, 2022年6月.
700. **網谷 嶺志, 松本 和幸, 吉田 稔, 北 研二 :** 流行要因分析のための投稿テキスト・リプライ・画像からの感性分析及び可視化, *第21回情報科学技術フォーラム講演論文集(ハイブリッド開催),* **Vol.2,** 63-68, 2022年9月.
701. **三木 建哉, 松本 和幸, 吉田 稔, 北 研二 :** 感情辞書を用いた物語のハイライト抽出, *第19回テキストアナリティクス・シンポジウム,* 2022年9月.
702. **福田 芽衣子, 杉山 雅和, 西村 良太, Yurie Iribe, Kazumasa Yamamoto, 北岡 教英 :** 超高齢者コーパスとS-JNAS を用いた高齢者音声の音響的特徴の分析, *日本音響学会講論集,* **Vol.3-Q-32,** 1395-1398, 2022年9月.
703. **森 大輝, 太田 健吾, 西村 良太, 北岡 教英 :** ドメイン外音響情報で補強した Encoder-Decoder 音声認識モデルの設計, *日本音響学会講論集,* **Vol.2-Q-26,** 1229-1232, 2022年9月.
704. **堀井 こはる, 福田 芽衣子, 太田 健吾, 西村 良太, 小川 厚徳, 北岡 教英 :** End-to-End 非流暢整形音声認識システムの対話音声による評価, *日本音響学会講論集,* **Vol.2-8-5,** 1155-1156, 2022年9月.
705. **森 大樹, 松本 和幸, 篠山 学, 吉田 稔, 北 研二 :** インタビュー対話に基づく個性を反映した対話モデルの構築, *令和4年度 電気・電子・情報関係学会 四国支部連合大会講演論文集,* 139, 2022年9月.
706. **曽根 大靖, 篠山 学, 松本 和幸 :** 対話システムのための文自在変換ツールの開発, *令和4年度 電気・電子・情報関係学会 四国支部連合大会 講演論文集,* 174, 2022年9月.
707. **福村 考洋, 西村 良太, 北岡 教英 :** BERTによる雑談対話話題拡張, *令和4年度 電気・電子・情報関係学会 四国支部連合大会 講演論文集,* 146, 2022年9月.
708. **鳥井 章宏, 西村 良太, 北岡 教英 :** 音声対話システムにおける対話破綻検出器の構築, *令和4年度 電気・電子・情報関係学会 四国支部連合大会 講演論文集,* 145, 2022年9月.
709. **大須賀 晋, 田中 五大, 鍋倉 彩那, 中野 涼太, 渡邊 凌太, 石川 友香, 石川 晃之, 中村 晃一, 藤井 裕也, 堀内 颯太, 東中 竜一郎, 西村 良太, 太田 健吾, 北岡 教英 :** EMOtive A.I. ``Saya'', *人工知能学会研究会資料 言語・音声理解と対話処理研究会,* **Vol.96,** 33, 2022年12月.
710. **三木 建哉, 松本 和幸, 吉田 稔, 北 研二 :** 登場人物の感情の動きを考慮した物語におけるハイライト文抽出, *HCGシンポジウム2022発表予稿集,* C2-7, 2022年12月.
711. **本間 天譲, 永田 裕一 :** Sim-to-Real 学習に向けた強化学習による四足ロボットの歩行動作獲得の実験と考察, *進化計算シンポジウム 2022,* 2022年12月.
712. **朽木 浩綱, 永田 裕一 :** 深層強化学習を用いたシューティングゲーム AI の開発及び改善手法, *進化計算シンポジウム 2022,* 2022年12月.
713. **石原 玲央, 大豆本 圭, 堀 克仁, 角陸 文哉, 佐々木 雄太郎, 冨田 諒太郎, 上野 恵輝, 津田 恵, 楠原 義人, 布川 朋也, 山本 恭代, 山口 邦久, 高橋 正幸, 金山 博臣, 西村 良太 :** Deep-learningを用いた尿管癌についての検討, *第266会徳島医学会学術集会(令和4年度冬期), No.A-25,* 266, 2023年2月.
714. **早道 広峻, 松本 和幸, 吉田 稔, 西村 良太, 北 研二 :** 音声対話ロボットを用いた健康維持支援システムの開発, *HAI シンポジウム2023 講演論文集,* 2023年3月.
715. **小田 達也, 康 鑫 :** HOG特徴量を用いた歩容認識に関する研究, *情報処理学会第85回全国大会,* 1-2, 2023年3月.
716. **松本 和幸, 木内 敬太, 康 鑫, 西村 良太, 篠山 学 :** クライアントのストレスとカウンセリング場面のマルチモーダ ル感情推定の関連性, *JSKE 第18回日本感性工学会春季大会講演論文集,* 2023年3月.
717. **永田 裕一 :** 巡回セールスマン問題に対する最強遺伝的アルゴリズムの設計思想, *日本オペレーションズ・リサーチ学会 春季研究発表会&シンポジウム,* 2023年3月.
718. **篠山 学, 木内 敬太, 康 鑫, 西村 良太, 松本 和幸 :** インタビュー対話における問い返し文の生成に関する検討, *言語処理学会 第29回年次大会 発表論文集,* 405-407, 2023年3月.
719. **伊達 龍斗, 太田 健吾, 西村 良太, 北岡 教英 :** 深層学習による口唇情報を用いた雑音下での音声認識精度の改善, *日本音響学会研究発表会講演論文集, No.1-3P-3,* 777-780, 2023年3月.
720. **堀井 こはる, 太田 健吾, 西村 良太, 小川 厚徳, 北岡 教英 :** 自発的発話認識のためのBERTによる非流暢文生成に基づく言語モデリング, *日本音響学会研究発表会講演論文集, No.1-3-2,* 661-664, 2023年3月.
721. **松本 和幸, 喜島 涼太, 吉田 稔, 北 研二 :** コロナ禍前後におけるTwitterユーザの性格別感情変化の分析, *言語処理学会 第29回年次大会 発表論文集,* 2365-2369, 2023年3月.
722. **杉山 雅和, 太田 健吾, 西村 良太, 北岡 教英 :** 割り込み発話にも対応可能なリアルタイム話者交替システム, *日本音響学会研究発表会講演論文集, No.2-3P-1,* 847-850, 2023年3月.
723. **森 大樹, 松本 和幸, 篠山 学, 吉田 稔, 北 研二 :** 個性を反映した対話モデルにおける発話文の感情及び性格推定, *信学技報,* 34-38, 2022年10月.
724. **大賀 亮汰, 松本 和幸, 吉田 稔, 北 研二 :** ニコニコデータセットを用いた視聴者の感情を考慮した動画推薦アルゴリズムの提案, *IDRユーザフォーラム 2022,* 2022年12月.
725. **松本 和幸, 土屋 誠司 :** 情報デザインとコミュニケーション, 創元社, 2023年7月.
726. **LIU ZHENG, XIN KANG *and* Fuji Ren :** Dual-TBNet: Improving the Robustness of Speech Features via Dual-Transformer-BiLSTM for Speech Emotion Recognition, *IEEE/ACM Transactions on Audio, Speech, and Language Processing,* **Vol.31,** 2193-2203, 2023.
727. **Hidetoshi Nakao, Msakazu Imaoka, Mitsumasa Hida, Ryota Imai, Misa Nakamura, Kazuyuki Matsumoto *and* Kenji Kita :** Determination of individual factors associated with hallux valgus using SVM-RFE, *BMC Musculoskeletal Disorders,* **Vol.24,** *No.1,* 534, 2023.
728. **Motonobu Yoshida, Kazuyuki Matsumoto, Minoru Yoshida *and* Kenji Kita :** System to Correct Toxic Expression with BERT and to Determine the Effect of the Attention Value, *Communications in Computer and Information Science,* **Vol.1842,** 239-253, 2023.
729. **Zipaer Mayinuer, Minoru Yoshida, Kazuyuki Matsumoto *and* Kenji Kita :** Using Machine Learning to Classify Information Related to Child Rearing of Infants from Twitter, *Advances in Machine Learning & Artificial Intelligence,* **Vol.4,** *No.2,* 32-40, 2023.
730. **Haichuan YANG, Yuxin Zhang, Chaofeng Zhang, Wei Xia, Yifei Yang *and* Zhenwei Zhang :** A Hyperparameter Self-Evolving SHADE-Based Dendritic Neuron Model for Classification, *Axioms,* **Vol.12,** *No.11,* 1051, 2023.
731. **Yifei Yang, Haichuan YANG, Haotian Li, Zheng Tang *and* Shangce Gao :** An evolutionary swarm intelligence optimizer based on probabilistic distribution, *Neural Computing & Applications,* 2023.
732. **Yuxiang Zhou, XIN KANG, Fuji Ren, Huimin Lu, Satoshi Nakagawa *and* Xiao Shan :** A Multi-attention and Depthwise Separable Convolution Network for Medical Image Segmentation, *Neurocomputing,* **Vol.15,** *No.1,* 121-129, 2024.
733. **Rongyu Dou *and* XIN KANG :** TAM-SenticNet: A Neuro-Symbolic AI approach for early depression detection via social media analysis, *Computers & Electrical Engineering,* **Vol.114,** 1-10, 2024.
734. **Yuichi Nagata *and* Shinji Imahori :** Creation of Dihedral Escher-like Tilings Based on As-Rigid-As-Possible Deformation, *ACM Transactions on Graphics,* **Vol.43,** *No.2:18,* 1-18, 2024.
735. **Keita Kiuchi, XIN KANG, Ryota Nishimura, Manabu Sasayama *and* Kazuyuki Matsumoto :** Predicting Physical and Mental Health Status One Month Later through Interview-Based Stress Assessment, *Industrial Health,* **Vol.62,** *No.4,* 237-251, 2024.
736. **Fuji Ren, Yangyang Zhou, Jiawen Deng, Kazuyuki Matsumoto, Duo Feng, Tianhao She, Ziyun Jiao, Zheng Liu, Taihao Li, Satoshi Nakagawa *and* XIN KANG :** Tracking Emotions using an Evolutionary Model of Mental State Transitions: Introducing a New Paradigm, *Intelligent Computing,* 1-24, 2024.
737. **Yang Yifei, Zhang Chaofeng, Wang Wenbin, Haichuan YANG *and* Yuichi Nagata :** A classification and improvement method of metaheuristic algorithms based on complex networks, *Bulletin of Advanced Institute of Industrial Technology, No.17,* 94-99, 2024.
738. **Kazuyuki Matsumoto, Minoru Yoshida *and* Ryota Kishima :** Analysis of Emotional Changes in Twitter Users by Personality Type Before and After the Outbreak of the COVID-19 Pandemic, *Proceedings of the 202319th International Conference on Natural Computation, Fuzzy Systems and Knowledge Discovery (FSKD),* Harbin, Jul. 2023.
739. **Ryuichi Tanioka, Yoshihiro Kai, Kazuyuki Matsumoto, Kensaku Takase, Kyoko Osaka *and* Tetsuya Tanioka :** Upper Limb Motor Velocity Compared Between Patient with Schizophrenia and Healthy Subject: A Case Study, *6TH SPUP INTERNATIONAL INTERDISCIPLINARY RESEARCH CONFERENCE,* Tuguegarao City ,Philippines, Aug. 2023.
740. **Aito Nakata, Ryota Nishimura, Kengo Ohta *and* Norihide Kitaoka :** Development of a model for predicting timing of back-channel in a real-time spoken dialog system, *2023 IEEE 12th Global Conference on Consumer Electronics, GCCE 2023,* 454-457, Nara, Oct. 2023.
741. **Linhuang Wang, XIN KANG, Satoshi Nakagawa *and* Fuji Ren :** CenterMatch: A Center Matching Method for Semi-supervised Facial Expression Recognition, *The 6th Chinese Conference on Pattern Recognition and Computer Vision (PRCV 2023),* 1-12, Oct. 2023.
742. **Tomomatsu Toyohiko *and* XIN KANG :** Facial Expression Recognition Using Self-Supervised Learning, *The 8th International Symposium on Artificial Intelligence and Robotics (ISAIR 2023),* 1-16, Oct. 2023.
743. **Fujita Ryo *and* XIN KANG :** Research on Creating Buzzing Tweets Through Large Language Models, *The 8th International Symposium on Artificial Intelligence and Robotics (ISAIR 2023),* 1-8, Oct. 2023.
744. **Koharu Horii, Kengo Ohta, Ryota Nishimura, Atsunori Ogawa *and* Norihide Kitaoka :** Language modeling for spontaneous speech recognition based on disfluency labeling and generation of disfluent text, *2023 Asia Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC),* 1851-1856, Taipei, Oct. 2023.
745. **Yuxiang Zhou, XIN KANG, Fuji Ren, Satoshi Nakagawa *and* Xiao Shan :** DEU-Net: Dual Encoder U-Net for 3D Medical Image Segmentation, *The 22nd International Conference on Computer and Information Technology,* 1-7, Nov. 2023.
746. **Yamane Daichi *and* XIN KANG :** TUA1 at NTCIR-17 FinArg-1 Task, *Proceedings of the 17th NTCIR Conference on Evaluation of Information Access Technologies,* 1-5, Tokyo, Dec. 2023.
747. **Ye Ziqing, Haichuan YANG, Chiba Naoya *and* Hashimoto Koichi :** Comparative Study of Hybridization and Parameter Tuning Improvement Methods for EAs in WFLOP., *Proceedings of the 2023 6th International Conference on Computational Intelligence and Intelligent Systems,* 59-65, Feb. 2024.
748. **Yupu Liu *and* Kazuyuki Matsumoto :** Enhancing Multimodal Tweet Analysis Accuracy through Integration of CLIP Model and Multi-layer Attention Mechanism, *The 10th International Forum on Advanced Technologies 2024,* Mar. 2024.
749. **宇田 陽斗, 松本 和幸, 吉田 稔, 北 研二 :** テキストデータ拡張による感情分類精度向上の検討, *第37回人工知能学会全国大会講演論文集,* 1-4, 2023年6月.
750. **吉田 基信, 松本 和幸, 吉田 稔 :** 攻撃的文章判定を用いた不適切文章の訂正, *第22回情報科学技術フォーラム (FIT2023),* 265-266, 2023年9月.
751. **熊倉 健太, 鳥井 浩平, 西村 良太, 松本 和幸, 吉田 稔 :** 歯科パノラマX線画像における歯の状態診断及び汎化性能の検証, *第22回情報科学技術フォーラム (FIT2023),* 563-564, 2023年9月.
752. **長江 亮太朗, 鳥井 浩平, 西村 良太, 松本 和幸, 吉田 稔 :** 深層セグメンテーションモデルによる歯科インプラントの自動分類手法, *第22回情報科学技術フォーラム (FIT2023),* 567-568, 2023年9月.
753. **本田 剛, 鳥井 浩平, 西村 良太, 吉田 稔, 松本 和幸 :** 深層学習モデル TransUNet を用いた歯科パノラマ X 線画像のセグメンテーション, *第22回情報科学技術フォーラム (FIT2023),* 571-572, 2023年9月.
754. **熊本 翔, 中井 恍我, 松本 和幸, 吉田 稔 :** トピックモデリングと大規模言語モデルを用いた男性の産後うつ関連研究調査手法, *電気・電子・情報関係学会四国支部連合大会講演論文集,* 251, 2023年9月.
755. **古藤 快都, 西村 良太, 太田 健吾, 北岡 教英 :** 単言語話者による多言語音声合成モデルの構築と評価, *日本音響学会研究発表会講演論文集, No.2-Q-37,* 1267-1270, 2023年9月.
756. **永見 和幹, 永田 裕一 :** 仮想点を用いたエッシャータイリング問題の改善手法, *令和5年度 SICE 四国支部学術講演会,* 2023年12月.
757. **平岡 直大, 永田 裕一 :** 時間枠付きPickup and Delivery問題に対する車両数削減ヒューリスティクスの性能評価, *進化計算シンポジウム2023,* 2023年12月.
758. **細川 丈留, 永田 裕一 :** 格闘ゲームAIにおける深層強化学習を用いた段階的行動選択, *進化計算シンポジウム2023,* 2023年12月.
759. **大江 海斗, 奥井 翔麻, 市野 有朔, 光原 弘幸, 獅々堀 正幹 :** メタバース内避難訓練システムの開発, *教育システム情報学会研究報告,* **Vol.38,** *No.5,* 36-41, 2024年1月.
760. **松本 和幸 :** 情報リテラシー科目におけるAI構築課題の取り組み事例, *第29回FDフォーラム 第3分科会 大学教育におけるAIの活用ならびにその弊害,* 2024年2月.
761. **猪谷 瑠里花, 松本 和幸, 篠山 学, 吉田 稔 :** 褒めを導入したインタビュー対話システム, *電気学会全国大会講演論文集,* 62, 2024年3月.
762. **田中 俊永, 松本 和幸, 篠山 学, 吉田 稔 :** 印象空間マッピングを用いた任意の語の入力による楽曲検索システム, *2024年電子情報通信学会総合大会講演論文集,* D-12A-15, 2024年3月.
763. **金井 良賢, 若林 佑幸, 西村 良太, 北岡 教英 :** 円滑な音声対話システムのための発話終了時間の事前推定, *日本音響学会研究発表会講演論文集, No.2-P-7,* 961-964, 2024年3月.
764. **福田 芽衣子, 西村 良太, 入部 百合絵, 山本 一公, 北岡 教英 :** EARS:日本人超高齢者音声コーパスの構築, *日本音響学会研究発表会講演論文集, No.1-2-4,* 763-766, 2024年3月.
765. **今本 麟太朗, 西村 良太, 太田 健吾, 北岡 教英 :** 相槌生成と話者交替のモデルを組み込んだリアルタイム音声対話システムの構築と評価, *日本音響学会研究発表会講演論文集, No.2-P-6,* 957-960, 2024年3月.
766. **江本 城太郎, 西村 良太, 太田 健吾, 北岡 教英 :** 雑音・無音棄却型リアルタイムVADレス音声認識モデルの開発, *日本音響学会研究発表会講演論文集, No.2-P-6,* 957-960, 2024年3月.
767. **福永 善理, 西村 良太, 太田 健吾, 北岡 教英 :** 深層学習を用いた自然な音声対話システムのための相槌表層選択モデルの構築, *日本音響学会研究発表会講演論文集, No.2-P-4,* 949-952, 2024年3月.
768. **伊井 千尋, 市野 有朔, 光原 弘幸 :** VR避難訓練の振り返りを支援する視線可視化, *教育システム情報学会2023年度学生研究発表会論文集,* 155-156, 2024年3月.
769. **高森 翔琉, 篠山 学, 松本 和幸 :** インタビュー対話における発話意図の推定, *電気学会全国大会講演論文集,* 41, 2024年3月.
770. **高鍋 俊樹, 松本 和幸, 木内 敬太, 康 鑫, 西村 良太, 篠山 学 :** 感情分析のためのカウンセリングマルチモーダルデータセットの構築および評価, *情報処理学会全国大会講演論文集,* 4-83-4-84, 2024年3月.
771. **時井 駿, 松本 和幸, 吉田 稔 :** クローズドメイン質問応答におけるバイアスの除去による精度向上に関する研究, *電気学会全国大会講演論文集,* 130-131, 2024年3月.
772. **石川 将丈, 篠山 学, 松本 和幸 :** 対話テキストにおける間接識別情報の匿名化, *電気学会全国大会講演論文集,* 40, 2024年3月.
773. **松本 和幸 :** 相関性・異質性・相互作用を考慮したマルチモーダル特徴融合に基づく感情認識およびストレス・認知機能分析, *第5回大学発ベンチャー創出研究会,* 2023年8月.
774. **楊 海川 :** メタヒューリスティックスの理論，応用，そして課題, *中国石油大学 学術講演会,* 2023年11月.
775. **松本 和幸, 宇田 陽斗 :** 小規模テキストデータの前処理技術:データ拡張，リサンプリング，欠損値補完, 株式会社 技術情報協会, 2024年10月.
776. **Fei Ding, XIN KANG *and* Fuji Ren :** Neuro or Symbolic? Fine-tuned Transformer with Unsupervised LDA Topic Clustering for Text Sentiment Analysis, *IEEE Transactions on Affective Computing,* **Vol.15,** *No.2,* 493-507, 2024.
777. **Zihang Zhang, Qianrui Yu, Haichuan YANG, Jiayi Li, Jiujun Cheng *and* Shangce Gao :** Triple-layered chaotic differential evolution algorithm for layout optimization of offshore wave energy converters, *Expert Systems with Applications,* **Vol.239,** 122439, 2024.
778. **Keita Kiuchi, XIN KANG, Ryota Nishimura, Manabu Sasayama *and* Kazuyuki Matsumoto :** Causal Effects of High Stress Assessed via Interviews on Mental and Physical Health: Toward Computer Agent-Driven Stress Assessment, *Journal of Occupational and Environmental Medicine,* 2024.
779. **Fei Ding, XIN KANG, Linhuang Wang, Yunong Wu, Satoshi Nakagawa *and* Fuji Ren :** Causal Inference and Prefix Prompt Engineering Based on Text Generation Models for Financial Argument Analysis, *Electronics,* **Vol.13,** *No.9,* 1-16, 2024.
780. **Linhuang Wang, XIN KANG, Fei Ding, Satoshi Nakagawa *and* Fuji Ren :** A Joint Local Spatial and Global Temporal CNN-Transformer for Dynamic Facial Expression Recognition, *Applied Soft Computing,* **Vol.161,** 1-13, 2024.
781. **Haotian Li, Yifei Yang, Yirui Wang, Jiayi Li, Haichuan YANG, Jun Tang *and* Shangce Gao :** Population interaction network in representative gravitational search algorithms: Logistic distribution leads to worse performance, *Heliyon,* **Vol.10,** *No.11,* e31631, 2024.
782. **康 鑫 :** Neuro-Symbolic AIと生成AIによるdimABSAタスクの透明性探求講演, *信学技報,* **Vol.124,** *No.90,* 74-79, 2024年.
783. **Keita Kiuchi, Hidehiro Umehara, Koushi Irizawa, XIN KANG, Masahito Nakataki, Minoru Yoshida, Shusuke Numata *and* Kazuyuki Matsumoto :** An Exploratory Study of the Potential of Online Counseling for University Students by a Human-Operated Avatar Counselor, *Healthcare,* **Vol.12,** *No.1287,* 2024.
784. **Mori Daiki, Ohta Kengo, Ryota Nishimura, Ogawa Atsunori *and* Norihide Kitaoka :** Recognition of target domain Japanese speech using language model replacement, *EURASIP Journal on Audio, Speech, and Music Processing,* **Vol.2024,** *No.1,* 1-14, 2024.
785. **Yifei Yang, Sichen Tao, Haotian Li, Haichuan YANG *and* Zheng Tang :** A Multi-Local Search-Based SHADE for Wind Farm Layout Optimization, *Electronics,* **Vol.13,** *No.16,* 3196, 2024.
786. **LIU Sicheng, WANG Kaiyu, Haichuan YANG, ZHENG Tao, LEI Zhenyu, JIA Meng *and* GAO Shangce :** Hierarchical Chaotic Wingsuit Flying Search Algorithm with Balanced Exploitation and Exploration for Optimization, *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences,* **Vol.E108-A,** *No.2,* 2023EAP1103, 2024.
787. **Ryota Nishimura, Takaaki Uno, Taiki Yamamoto, Kengo Ohta *and* Norihide Kitaoka :** Detection of Arbitrary Wake Words by Coupling a Phoneme Predictor and a Phoneme Sequence Detector, *APSIPA Transactions on Signal and Information Processing,* 2024.
788. **鳥井 浩平, 西村 良太, 誉田 栄一 :** 医用画像AI開発支援ソフトウェアを用いた歯科用CBCT画像における下顎管のセグメンテーション, *歯科放射線,* **Vol.64,** *No.1,* 11-19, 2024年.
789. **Yukari Hisaka, Allan Paulo Blaquera, Gil Soriano, Hirokazu Ito, Yuko Yasuhara, Kazuyuki Matsumoto, Leah Christine Anne Bollos, Ryuichi Tanioka, Kensaku Takase *and* Tetsuya Tanioka :** Nurses' perspectives on challenging nursing practices for patients with acute stroke in Japan, *Celebes Nursing Journal,* **Vol.1,** *No.2,* 49-57, 2024.
790. **Hiroyuki Mitsuhara :** Metaverse-Based Evacuation Training: Design, Implementation, and Experiment Focusing on Earthquake Evacuation, *Multimodal Technologies and Interaction,* **Vol.8,** *No.12,* 112, 2024.
791. **Sichen Tao, Sicheng Liu, Ruihan Zhao, Yifei Yang, Hiroyoshi Todo *and* Haichuan YANG :** A State-of-the-Art Fractional Order-Driven Differential Evolution for Wind Farm Layout Optimization, *Mathematics,* **Vol.13,** *No.2,* 282, 2025.
792. **Yifei Yang, Haotian Li, Zhenyu Lei, Haichuan YANG *and* Jian Wang :** A Nonlinear Dimensionality Reduction Search Improved Differential Evolution for large-scale optimization, *Swarm and Evolutionary Computation,* **Vol.92,** 101832, 2025.
793. **瀬田 和久, 大谷 卓史, 國近 秀信, 國宗 永佳, 小西 達裕, 中西 通雄, 松浦 健二, 光原 弘幸, 渡辺 博芳 :** 教育システム情報学会における倫理綱領の制定, *教育システム情報学会誌,* **Vol.41,** *No.4,* 283-292, 2024年10月.
794. **Kei Daizumoto, Naoka Osafune, Kohei Torii, Ryota Nishimura, Hisanori Uehara, Mitsuki Nishiyama, Saki Kobayashi, Yutaro Sasaki, Ryotaro Tomida, Yoshiteru Ueno, Yoshito Kusuhara, Tomoya Fukawa, Kunihisa Yamaguchi, Yasuyo Yamamoto, Masayuki Takahashi *and* Junya Furukawa :** Development of pT classification prediction system in UTUC using deep-learning, *39th Annual European Association of Urology Congress,* A0130, Paris, Apr. 2024.
795. **Linhuang Wang, XIN KANG, Satoshi Nakagawa *and* Fuji Ren :** Msstnet: A Multi-Scale Spatio-Temporal CNN-Transformer Network for Dynamic Facial Expression Recognition, *The 49th IEEE International Conference on Acoustics, Speech, & Signal Processing (ICASSP 2024),* 1-5, Apr. 2024.
796. **Kei Daizumoto, Naoka Osafune, Kohei Torii, Ryota Nishimura, Hisanori Uehara, Mitsuki Nishiyama, Saki Kobayashi, Yutaro Sasaki, Ryotaro Tomida, Yoshito Kusuhara, Tomoya Fukawa, Kunihisa Yamaguchi *and* Masayuki Takahashi :** Deep learning-based depth prediction system for upper tract urothelial carcinoma, *the 111th Annual Meeting of the Japanese Urological Association (JUA),* PDA-36-05, Yokohama, Apr. 2024.
797. **Hiroyuki Mitsuhara, Ryoichi Yamanaka, Maya Matsushige *and* Yasunori Kozuki :** Reflection Support Function in a Metaverse-Based Evacuation Training System, *Proceedings of 2024 9th International Conference on Business and Industrial Research (ICBIR),* 1570-1575, Bangkok, May 2024.
798. **Hiroyuki Mitsuhara :** How Lecturer Avatar Visual Realism Influences Students in Metaverse: A Comparative Experiment Using Low-, Medium-, and High-Realism Avatars, *Proceedings of The 2nd International Conference on Metaverse and Artificial Companions in Education and Society (MetaACES 2024),* 31-38, Hong Kong, Jun. 2024.
799. **Linhuang Wang, XIN KANG, Fei Ding, Haitao Yu, Yunong Wu, Kazuyuki Matsumoto, Satoshi Nakagawa *and* Fuji Ren :** Self Decoupling-Reconstruction Network for Facial Expression Recognition, *International Joint Conference on Neural Networks (IJCNN 2024),* 1-8, Yokohama, Jul. 2024.
800. **Haichuan YANG, Yang Yifei, Zhang Yuxin, Tang Cheng, Hashimoto Koichi *and* Yuichi Nagata :** Chaotic Map-Coded Evolutionary Algorithms for Dendritic Neuron Model Optimization, *2024 IEEE Congress on Evolutionary Computation (CEC),* 1-8, Aug. 2024.
801. **XIN KANG, Zhifei Zhang, Zhou Jiazheng, Yunong Wu, Xuefeng Shi *and* Kazuyuki Matsumoto :** TMAK-Plus at SIGHAN-2024 dimABSA Task: Multi-Agent Collaboration for Transparent and Rational Sentiment Analysis, *The 62nd Annual Meeting of the Association for Computational Linguistics (ACL 2024),* 88-95, Bangkok, Aug. 2024.
802. **Daiki Mori, Kazuyuki Matsumoto, XIN KANG, Manabu Sasayama *and* Keita Kiuchi :** SMACS: Stress Management AI Chat System, *Proceedings of the 16th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K 2024),* **Vol.2,** 167-174, Porto, Nov. 2024.
803. **Toshiki Takanabe, Kotaro Kashihara, Kazuyuki Matsumoto, Keita Kiuchi, XIN KANG, Ryota Nishimura *and* Manabu Sasayama :** Multimodal Emotion Recognition and Dataset Construction in Online Counseling, *Proceedings of the 38th Pacific Asia Conference on Language, Information and Computation,* 1-9, Dec. 2024.
804. **Haruto Uda, Kazuyuki Matsumoto *and* Minoru Yoshida :** Text Data Augmentation Method Using Filtering Indicators based on Multiple Perspectives, *Proceedings of the 38th Pacific Asia Conference on Language, Information and Computation,* 1-10, Dec. 2024.
805. **Kotaro Kashihara, Toshiki Takanabe, Keita Kiuchi, Hidehiro Umehara, Koushi Irizawa, Masahito Nakataki, Shusuke Numata, XIN KANG, Minoru Yoshida *and* Kazuyuki Matsumoto :** Constructing multimodal counseling dataset for depressive states and feature analysis, *Proceedings of the 2024 8th International Conference on Natural Language Processing and Information Retrieval,* Dec. 2024.
806. **LIU YUPU *and* Kazuyuki Matsumoto :** Enhancing Multimodal Tweet Analysis Accuracy through Integration of CLIP Model and Multi-layer Attention Mechanism, *Proceedings of the 2024 8th International Conference on Natural Language Processing and Information Retrieval,* Dec. 2024.
807. **XIN KANG, Shteingardt Veronika, Wang Yuhan *and* Dori Dov :** Neuro-Conceptual Artificial Intelligence: Integrating OPM with Deep Learning to Enhance Question Answering Quality, *International Conference on Computational Linguistics (COLING),* 1-15, Jan. 2025.
808. **Yamane Daichi, XIN KANG, Kazuyuki Matsumoto, Minoru Yoshida *and* Zhou Jiazheng :** Financial Sentimental Analysis for Argument Mining Using Prompt-Based Fine-Tuned LLaMA3, *2025 IEEE 17th International Conference on Computer Research and Development,* 228-233, Shangrao, China, Feb. 2025.
809. **Nushida Tomoki, XIN KANG, Kazuyuki Matsumoto, Minoru Yoshida *and* Zhou Jiazheng :** An Automated Depression Diagnosis System Utilizing a Knowledge Base Created with GPT, *2025 IEEE 17th International Conference on Computer Research and Development,* 329-333, Shangrao, China, Feb. 2025.
810. **千葉 直也, 楊 海川, 橋本 浩一 :** パーシステントホモロジーの逆解析を用いた工業部品の穴検出手法, *ロボティクス・メカトロニクス講演会講演概要集,* 2024年5月.
811. **早道 広峻, 松本 和幸, 西村 良太, 吉田 稔 :** 雑談機能の追加による対話ロボットを用いた健康維持支援システムの改良, *第38回人工知能学会全国大会予稿集,* 1-4, 2024年5月.
812. **熊本 翔, 中井 恍我, 松本 和幸, 吉田 稔 :** レビュー論文執筆支援に向けた文献特徴分析に基づく引用文献選択手法, *第38回人工知能学会全国大会予稿集,* 1-4, 2024年5月.
813. **柏原 功太郎, 髙鍋 俊樹, 木内 敬太, 梅原 英裕, 入澤 航史, 中瀧 理仁, 沼田 周助, 康 鑫, 吉田 稔, 松本 和幸 :** マルチモーダルなカウンセリングデータセットの構築と特徴量の分析, *ITヘルスケア誌 第17回年次学術大会抄録集,* **Vol.19,** *No.1,* 94-99, 2024年8月.
814. **森 大樹, 松本 和幸, 康 鑫, 篠山 学, 木内 敬太 :** 社会的孤立の解消を目指したストレス管理AIチャットシステムの開発, *ITヘルスケア誌 第17回年次学術大会抄録集,* **Vol.19,** *No.1,* 100-105, 2024年8月.
815. **光原 弘幸, 山中 亮一, 松重 摩耶, 上月 康則 :** 被災地の3次元点群データをいかに活用すべきか?, *第49回教育システム情報学会全国大会講演論文集,* 11-12, 2024年8月.
816. **森 大樹, 松本 和幸, 康 鑫, 篠山 学, 木内 敬太 :** ストレス管理 AI チャットシステムによる個人適応可能なストレス検出モデルの構築, *第 23 回情報科学技術フォーラム(FIT2024)講演論文集,* **Vol.3,** 357-360, 2024年9月.
817. **杉山 雅和, 西村 良太, 太田 健吾, 北岡 教英 :** 音響的特徴に基づくターンテイキング予測, *日本音響学会研究発表会講演論文集, No.2-Q-48,* 1-4, 2024年9月.
818. **金井 良賢, 若林 佑幸, 西村 良太, 北岡 教英 :** wav2vec 2.0 による言語特徴を考慮した音声対話システムへの入力発話の終了時間推定, *日本音響学会研究発表会講演論文集, No.2-Q-50,* 1-2, 2024年9月.
819. **伊達 龍斗, 西村 良太, 太田 健吾, 北岡 教英 :** 深層学習による口唇情報を用いた音声認識の多様なノイズタイプにおける評価, *日本音響学会研究発表会講演論文集, No.1-Q-34,* 1-4, 2024年9月.
820. **伊井 千尋, 市野 有朔, 光原 弘幸 :** VR避難訓練の振り返りにおける視線可視化とその効果, *第23回情報科学技術フォーラム(FIT2024)講演論文集 第3分冊,* 495-498, 2024年9月.
821. **大賀 亮汰, 松本 和幸, 吉田 稔 :** レビューコメントに基づく感情情報を統合したハイブリッドアニメ推薦システム, --- 感情抽出による推薦精度向上および多様な嗜好への対応 ---, *第26回日本感性工学会講演論文集,* 1-10, 2024年9月.
822. **中浦 芳也, 早道 広峻, 松本 和幸, 篠山 学, 吉田 稔 :** 音声対話ロボットによる文献調査補助システムの開発, *HAIシンポジウム2025予稿集,* P1-14, 2025年2月.
823. **柏原 功太郎, 髙鍋 俊樹, 木内 敬太, 梅原 英裕, Koushi Irizawa, 中瀧 理仁, 沼田 周助, 康 鑫, 吉田 稔, 松本 和幸 :** 早期うつ状態検出のためのマルチモーダル対話データセットに基づくうつ状態検出モデルの性能評価, *言語処理学会 第31回年次大会発表論文集,* 1393-1397, 2025年3月.
824. **Haichuan YANG :** Explainability and Transparancy in AI: An improved spherical evolution with enhanced exploration capabilities to address wind farm layout optimization problem, *The Global Insight Conference on Artificial Intelligence (GICAI),* Jul. 2024.