1. **Daichi Nakayama, Pankaj Koinkar, Tetsuro Katayama *and* Akihiro Furube :** Creation of three dimensional octahedral tin oxide nanostructure produced by laser ablation in liquid, *Modern Physics Letters. B,* **36,** *16,* 2242002, 2022.
2. **Kejun Wu, Pankaj Koinkar *and* Akihiro Furube :** Photocatalytic performance under visible light of WS2/TiO2/Au synthesized by hydrothermal method, *Modern Physics Letters. B,* **36,** *17,* 2242025, 2022.
3. **Akihiro Furube, Shin-ichiro Yanagiya, Pankaj Koinkar *and* Tetsuro Katayama :** Basic aspects of gold nanoparticle photo-functionalization using oxides and 2D materials: Control of light confinement, heat-generation, and charge separation in nanospace, *The Journal of Chemical Physics,* **157,** *14,* 140901, 2022.
4. **Devidas Bhagat, Wasudeo Gurnule, Guvinder Bumrah, Pankaj Koinkar *and* Pooja Chawla :** Recent Advances in Biomedical Application of Biogenic Nanomaterials, *Current Pharmaceutical Biotechnology,* **24,** *1,* 86-100, 2023.
5. **Tetsuro Katayama, Yuma Fujita, Yuichiro Akagi, Kangpeng Wang, Raphael Dahan, Tal Fishman, Ido Kaminer, Pankaj Koinkar *and* Akihiro Furube :** Observation of electronic spectra modulation in a CH3NH3PbBr3 crystal by utilizing transient absorption microscopy, *Japanese Journal of Applied Physics,* **62,** SG1030-1-SG1030-4, 2023.
6. **Tetsuro Katayama, AKIRA Yamamoto, Yuma Fujita, Yuichiro Akagi, Pankaj Koinkar *and* Akihiro Furube :** Observation of carrier dynamics in MoS2 thin layer by femtosecond transient absorption microscopy, *Japanese Journal of Applied Physics,* **62,** *SG,* SG1029-1-SG1029-3, 2023.
7. **Pankaj Koinkar :** Nanosecond Laser Induced Synthesis of Two Dimensional Nanostructures, *An International (Virtual) Conference on RECENT ADVANCES IN ELECTRICAL, ELECTRONICS, UBIQUITOUS COMMUNICATION AND COMPUTATIONAL INTELLIGENCE RAEEUCCI- 2022,* Apr. 2022.
8. **Akihiro Furube, Wu Kejun *and* Pankaj Koinkar :** Preparation and Characterization of WS2TiO2Au Nanohybrid System Using Hydrothermal Synthesis for Photocatalysis Under Visible Light, *241st ECS Meeting,* May 2022.
9. **Pankaj Koinkar :** Laser Processed Two Dimensional Nanomaterials for Optoelectronic applications, *5th International Conference on Science and Technology for Society,* Jun. 2022.
10. **Kokufu Tatsuki, Nakayama Daichi, Tetsuro Katayama, Pankaj Koinkar *and* Akihiro Furube :** Characterization of tungsten sulfide nanosheets attached on gold nanoparticles modified SERS active substrates, *The 13th Asia-Pacific Conference on Near-Field Optics (APNFO13),* Sapporo, Jul. 2022.
11. **Pankaj Koinkar :** The manufacuring process for society 5.0, *Engineering Seminar Pogram,* Jan. 2023.
12. **MIKU Matsumoto, Hiroki Takanari, Yasuo Minami *and* Shin-ichiro Yanagiya :** In-situ observation of photo-induced phenomena of AuNP-deposited HeLa cells with femto second laser, *Program of pLED International Symposium 2023: Exploring Invisible Light Technology,* P-26, Mar. 2023.
13. **南 康夫 :** 高強度テラヘルツ波による超イオン伝導体内のイオン駆動, *テラヘルツ・光科学の最新トレンド2022,* 2022年8月.
14. **谷口 元基, 本田 剛士, 柳谷 伸一郎, 髙成 広起, 南 康夫, 中村 信元, 三木 浩和, 安倍 正博, 坂東 良美, 常山 幸一 :** ALアミロイドーシス無染色標本のラマン分光顕微観察, *2022年第83回応用物理学会秋季学術講演会,* 20p-C301-12, 2022年9月.
15. **山内 俊, 柳谷 伸一郎, 大野 恭秀, 永瀬 雅夫, 南 康夫 :** テラヘルツ時間領域分光法を用いた4H-SiC上の単層グラフェンの分光特性の評価, *2022年第83回応用物理学会秋季学術講演会,* 22p-P02-7, 2022年9月.
16. **松本 実久, 柳谷 伸一郎, 髙成 広起, 南 康夫 :** フェムト秒レーザーによるHeLa細胞の細孔形成とナノ粒子の影響, *第43回レーザー学会年次大会,* P01-20p-P-27-P01-20p-P-27], 2023年1月.
17. **南 康夫 :** テラヘルツ波による超イオン伝導体内の超高速イオン移動, 2023年1月.
18. **Pankaj Koinkar :** Detection and prevention tools in avoiding the plagiarism in scientific writing, *Short Term Course on Research Methodology,* May 2022.
19. **Pankaj Koinkar :** Understanding the formation of nanostructure obtained by pulse laser ablation, *International Conference on Nanomaterials and Advanced Composite (NAC 2022),* Jul. 2022.
20. **Pankaj Koinkar :** Optical, Electron, and Scanning Probe Microscopy, *Online Refresher Course in Advance Instrumentation (MD),* Sep. 2022.
21. **Tetsuro Katayama, Shuto Ueda, Yuma Fujita, Yuichiro Akagi, Pankaj Koinkar, Yasufumi Umena *and* Akihiro Furube :** Observation of energy transfer dynamics in a phycocyanin protein crystal by utilizing femtosecond transient absorption microscopy, *Japanese Journal of Applied Physics,* **62,** SG1045-1-SG1045-4, 2023.
22. **Vinayak Shinde, Yasuyuki Maeda, Tetsuro Katayama, Akihiro Furube, Taka-aki Yano *and* Pankaj Koinkar :** Tungsten suboxide (WO3x) petal-like nanosheets created by laser ablation method, *Modern Physics Letters. B,* **37,** *16,* 2340005, 2023.
23. **Pankaj Koinkar, Daichi Nakayama, Tetsuro Katayama, Vinayak Shinde, Yasuyuki Maeda, Akihiro Furube, Gebeyehu Motora Kebena *and* Mou Chang Wu :** Photocatalytic studies of tin oxide nanostructures produced by different methods, *Modern Physics Letters. B,* **37,** *16,* 2340003, 2023.
24. **Pankaj Kolhe, B B Musmade, Pankaj Koinkar, Sachin Khedekar, Namita Maiti, Sunil Kulkarni *and* Kishor Sonawane :** Study of physico-chemical properties of Cu2NiSnS4 thin films, *Modern Physics Letters. B,* **37,** *16,* 2340007, 2023.
25. **Chetan Mistari, Pratap Mane, Pankaj Koinkar, Brahmananda Chakraborty, A. Mahendra More *and* A. Mahendra More :** Field electron emission performance of Janus MoSSe and MoSSe-MWCNTs composite: Corroboration by Hall measurement and DFT simulation, *Journal of Alloys and Compounds,* **965,** 171356, 2023.
26. **Rungsima Yeetsorn, Gaurav Kumar Yogesh, Waritnan Wanchan, Pankaj Koinkar *and* Kamlesh Yadav :** Molybdenum-based Nanocatalysts for CO Oxidation Reactions in Direct Alcohol Fuel Cells: A Critical Review, *ChemCatChem,* **e202301040,** 1-23, 2023.
27. **Daichi Nakayama, Chang-Mou Wu, Kebena Gebenyehu Motora, Pankaj Koinkar *and* Akihiro Furube :** Novel solar-light-driven Z-scheme BiOCl@WS2 nanocomposite photocatalysts for the photocatalytic removal of organic pollutants, *New Journal of Chemistry,* **47,** 22078-22089, 2023.
28. **Paul Niloy, Sawate Akash, Satoshi Sugano, Tetsuro Katayama, Masatsugu Oishi, Akihiro Furube *and* Pankaj Koinkar :** Development of silver nanocubes created by pulsed laser ablation in liquid, *International Journal of Modern Physics B,* **38,** *12&13,* 2440014, 2024.
29. **Gauravkumar Yogesh, Rungsima Yeetsorn, Waritnan Wanchan, Michael Fowler, Kamlesh Yadav *and* Pankaj Koinkar :** Molybdenum-Based Electrocatalysts for Direct Alcohol Fuel Cells: A Critical Review, *Journal of Electrochemical Science and Technology,* **15,** *1,* 67-95, 2024.
30. **Vinayak Shinde, Pratiksha Tanwade, Tetsuro Katayama, Akihiro Furube, Bhaskar Sathe *and* Pankaj Koinkar :** Ternary composite WS2/GO/Au synthesized from laser ablation and hydrothermal method for photo- and electro-chemical degradation of methylene blue dye, *Surfaces and Interfaces,* **46,** 104067, 2024.
31. **Akihiro Furube, Sasaki Kohei, Kokufu Tatsuki, Tetsuro Katayama *and* Pankaj Koinkar :** Ultrafast Charge Transfer Dynamics in WS2Au Nanohybrid System Fabricated by Pulsed Laser Ablation in Liquid, *243rd ECS Meeting,* B07-1372, May 2023.
32. **Akihiro Furube, Tsurusaki Yuto, Saika Kei, Murase Masaki, Pankaj Koinkar *and* Tetsuro Katayama :** Femtosecond Dynamics of Charge Transfer between Plasmonic Metal and Semiconductor Nanostructures, *The 31st International Conference on Photochemistry,* S2-11-IL, Jul. 2023.
33. **Hosaki Renna, Maeda Yasuyuki, Tetsuro Katayama, Pankaj Koinkar, Akihiro Furube, Lin Lihua, Hisatomi Takashi *and* Domen Kazunari :** Size reduction of Y2Ti2O5S2 photocatalyst particles by laser ablation and evaluation of their carrier dynamics, *The 31st International Conference on Photochemistry,* P25-060, Jul. 2023.
34. **Yuyama Shunsuke, Pankaj Koinkar, Tetsuro Katayama *and* Akihiro Furube :** Silicon Carbide Nanoparticle Fabrication by Laser Ablation in Liquid and Carrier Dynamics Evaluation by Transient Absorption Spectroscopy, *The 31st International Conference on Photochemistry,* P26-035, Jul. 2023.
35. **Wang Junli, Pankaj Koinkar *and* Akihiro Furube :** Simulation Analysis of Electron Diffusion in Circular Semiconductor Nanostrucutre after Ultrafast Electron Injection from Attaching Gold Nanoparticles, *4th International Conference on Nanomaterials and Advanced Composites (NAC 2023),* Nov. 2023.
36. **Akash Sawate, Tetsuro Katayama, Akihiro Furube *and* Pankaj Koinkar :** Hydrothermal synthesis of Pd/MoO3 /rGO ternary composite for improved photocatalytic performance in methylene blue under visible light, *4th International Conference on Nanomaterials and Advanced Composites (NAC 2023),* Nov. 2023.
37. **Maeda Yasuyuki, Tetsuro Katayama, Chang-Mou Wu, Akihiro Furube *and* Pankaj Koinkar :** Superior Photocatalytic Activity from Au-Decorated Black TiO2, *4th International Conference on Nanomaterials and Advanced Composites (NAC 2023),* Nov. 2023.
38. **Lin Siang Kai, Chang-Mou Wu, Tetsuro Katayama, Akihiro Furube *and* Pankaj Koinkar :** Study of photocatalytic behavior of Ag/BiOCl composite prepared by laser ablation, *4th International Conference on Nanomaterials and Advanced Composites (NAC 2023),* Nov. 2023.
39. **Numata Masataka, Tetsuro Katayama, Akihiro Furube *and* Pankaj Koinkar :** Sonication-assisted hydrothermal synthesis of Ag-MoS2 composite and its photocatalytic activity, *4th International Conference on Nanomaterials and Advanced Composites (NAC 2023),* Nov. 2023.
40. **Akihiro Furube, Sasaki Kohei, Wu Kejun, Kokufu Tatsuki, Tetsuro Katayama *and* Pankaj Koinkar :** Preparation and Ultrafast Spectroscopy of WS2Au Nanohybrid Systems for Photocatalysis Under Visible Light, *12th Asian Photochemistry Conference (APC 2023),* C106, Dec. 2023.
41. **Vinayak Shinde, Tetsuro Katayama, Yasuyuki Maeda, Satoshi Sugano, Akihiro Furube *and* Pankaj Koinkar :** Approach for Achieving Effective Photocatalytic Activity Under Visible Light of WO3-x/SnO2 Produced by Laser Ablation Method, *Springer Proceedings in Physics,* **298,** 75-84, Jan. 2024.
42. **Akihiro Furube, SASAKI Kohei, KOKUFU Tatsuki, Tetsuro Katayama *and* Pankaj Koinkar :** Ultrafast Spectroscopy of WS2Au Nanohybrid System Fabricated by Pulsed Laser Ablation in Liquid, *光化学討論会,* 1B14, Sep. 2023.
43. **Tonape Mahesh Siddhant, Pankaj Koinkar *and* Akihiro Furube :** Boron Nitride Nanoparticles Fabricated via Femtosecond Laser Ablation for Enhanced Biocompatibility and Drug Delivery, *第71回応用物理学会春季学術講演会,* 23p-P02-17, Mar. 2024.
44. **Pankaj Koinkar :** Exploring two-dimensional materials for optoelectronics application, *International Conference on Advaces in Science and Technology,* May 2023.
45. **Pankaj Koinkar :** Understanding the Basics of Smart and Intelligent Sensor Technology, *3rd International Conference on Intelligent Systems, Cognitive Science and Knowledge Engineering (ICKE-2023).,* May 2023.
46. **Pankaj Koinkar :** Rising Significance of Nanotechnology and its recent advancement, *Faculty Development Program, Dr. Babbasaheb Ambedkar University, Aurangabad, India,* Jul. 2023.
47. **Pankaj Koinkar :** The Fundamentals of Optical and Scanning Microscopy, *Faculty Development Program, Dr. Babbasaheb Ambedkar University, Aurangabad, India,* Jul. 2023.
48. **Pankaj Koinkar :** Potential use of solution-processed two-dimensional materials for electronics and optoelectronics application, *INTERNATIONAL CONFERENCE on NANOMATERIALS AND NANOTECHNOLOGY (ICNN-2023),* Sep. 2023.
49. **Pankaj Koinkar :** Enhancing photocatalytic performance using interfacial two-dimensional oxide nanomaterials prepared by laser ablation, *International Faculty Development program on modelling, processing and characterization of composites,* Sep. 2023.
50. **Pankaj Koinkar :** Higher Education and Research Opportunities in Japan, *Global Executive Summit 2023' Reimaging Higher Education,* Sep. 2023.
51. **Pankaj Koinkar :** Diverse Opportunities for Higher Education and Research in Japan, *Department of Physics, Kaviyitri Bahinabai North Maharashtra University, Jalgaon, India,* Sep. 2023.
52. **Pankaj Koinkar :** Education and Career Opportunities in Japan, *International workshop, Balbhim Arts Scicne and Commerce College, Dr. Babbasaheb Ambedkar University, Aurangabad, India,* Sep. 2023.
53. **Pankaj Koinkar :** Evaluating the Potential for Photocatalytic uses of Metal Oxides based Two-dimensional materials, *5th International Conference on Science and Technology Applications (ICoSTA 2023),* Nov. 2023.
54. **Pankaj Koinkar :** Improvements in the Photocatalytic performance of Nanocomposite produced with Metal Oxides on Two-Dimensional Materials, *International Conference on Nanomaterials and Advanced Composite (NAC 2023),* Nov. 2023.
55. **Pankaj Koinkar :** Recent advancements in enhancing the photocatalytic activity of two-dimensional nanocomposite, *3rd International E-Conference on Mechanical and Material Science , Engineering: Innovation and Research 2023,* Dec. 2023.
56. **Pankaj Koinkar :** Utilizing Nanoscale metal oxides2D materials heterostructures for enhanced electrocatalytic and photocatalyticperformance, *INTERNATIONAL CONFERENCE ON ADVANCES IN SPECTROSCOPIC TECHNIQUES AND MATERIALS (ASTM-2024),* Jan. 2024.
57. **B. Amol Deore, A. Mahendra More, B. Bhausaheb Musmade, D. Sachin Nerkar, G. Padmakar Chavan *and* Pankaj Koinkar :** Photo-enhanced field-emission behavior of CdSSe microflowers, Jan. 2025.
58. **Pratiksha Tanwade, Balaji Mulik, Bhaskar Sathe, B. B. Musmade, Vinayak Shinde, Akihiro Furube *and* Pankaj Koinkar :** Enhanced electrocatalytic hydrazine oxidation on MoS2-GO nanosheets, *International Journal of Modern Physics B,* **38,** *12-13,* 2440018, 2024.
59. **Sawate Akash, Paul Niloy, Sathe Bhaskar, Tetsuro Katayama, Akihiro Furube *and* Pankaj Koinkar :** Fabrication of MoO3/rGO/Au composite for increased photocatalytic degradation of methylene blue, *International Journal of Modern Physics B,* **38,** *12-13,* 2440010, 2024.
60. **Deore B. Amol, Jagdale T. Aditya, Mistari D. Chetan, Jagtap Krishna, Jadkar R. Sandesh, More A. Mahendra, Gadakh R. Sanjay, Tomoyuki Ueki *and* Pankaj Koinkar :** Improved field electron emission behavior of ultrathin lanthanum hexaboride-coated copper oxide nanowires, *International Journal of Modern Physics B,* **38,** *12-13,* 2440016, 2024.
61. **Tatsuki Kokufu, Toshihiro Okamoto, Tetsuro Katayama, Pankaj Koinkar *and* Akihiro Furube :** Surface-Enhanced Raman Scattering from Tungsten Disulfide Nanosheets Attached to Gold Nanoparticle Array Substrates, *The Journal of Physical Chemistry C,* **128,** *37,* 15505-15511, 2024.
62. **Khushbu Rathi, Tejaswini Rathi, Subhash Kondawar, Pankaj Koinkar *and* Sanjay Dhakate :** Trailblazing 1D gadolinium-doped yttrium aluminium garnet (YAG: Gd3+) nanofibers for UV-optimized applications, *Results in Optics,* **17,** 100762, 2024.
63. **GauravKumar Yogesh, Debabrata Nandi, Rungsima Yeetsorn, Waritnan Wanchan, Chandni Devi, RaviPratap Singh, Aditya Vasistha, Mukesh Kumar, Pankaj Koinkar *and* Kamlesh Yadav :** A machine learning approach for estimating supercapacitor performance of graphene oxide nano-ring based electrode materials, *Energy Advances,* **4,** 119-139, 2025.
64. **Waritnan Wanchan, GauravKumar Yogesh, Rungsima Yeetsorn, Yaowaret Maiket *and* Pankaj Koinkar :** Synthesis and characterization of synergetic Pd/MoO3rGO hybrid material as efficient electrode for supercapacitor application, *Materials Chemistry and Physics,* **331,** 130134, 2025.
65. **Kai-Siang Lin, Akihiro Furube, Tetsuro Katayama, Pankaj Koinkar *and* Mou Chang Wu :** Laser ablation synthesis of BiOCl/Ag/WO3 nanocomposite to evaluate its photocatalysis performance, *Modern Physics Letters. B,* 2441007, 2025.
66. **Akash Sawate, Niloy Paul, Akihiro Furube, Tetsuro Katayama *and* Pankaj Koinkar :** Improved photocatalytic activities of TiO2/MoO3/Au nanocomposite prepared by hydrothermal method, *Modern Physics Letters. B,* 2441006, 2025.
67. **Akshay Khorate, Akihiro Furube *and* Pankaj Koinkar :** Visible light active ternary nanocomposite based on metal-heterojunction for photocatalysis application: A short review, *International Journal of Modern Physics B,* **39,** *6,* 2540030-1-2540030-8, 2025.
68. **Akash Sawate, Tetsuro Katayama, Akihiro Furube *and* Pankaj Koinkar :** Novel WS2/MoO3/Au Hybrid Composites for Cutting-Edge Environmental and Energy Applications, *10th International Conference on Advanced Materials Development and Performance,* Sep. 2024.
69. **Maeda Yasuyuki, Chang-Mou Wu, Gebeyehu Kebena Motora *and* Pankaj Koinkar :** Study on solar light driven gold doped black TiO2@BiOCl nanocomposites for photodegradation of organic pollutants, *10th International Conference on Advanced Materials Development and Performance,* Sep. 2024.
70. **Niloy Paul, Tetsuro Katayama, Akihiro Furube *and* Pankaj Koinkar :** Formation of WO3/ MoS2/ rGO nanocomposite prepared by integration of pulse laser ablation and hydrothermal method to enhance optical and photocatalytic activity, *10th International Conference on Advanced Materials Development and Performance,* Sep. 2024.
71. **Youhei Ohira, Tetsuro Katayama, Akihiro Furube *and* Pankaj Koinkar :** Photocatalytic evaluation of SnS quantum dots made by Surfactant-assisted hydrothermal method, *10th International Conference on Advanced Materials Development and Performance,* Sep. 2024.
72. **Youhei Ohira, Tetsuro Katayama, Akihiro Furube *and* Pankaj Koinkar :** Surfactant-assisted Hydrothermal Synthesis of SnS Quantum Dots, *International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2024),* Nov. 2024.
73. **Akshay Khorate, Tetsuro Katayama, Akihiro Furube *and* Pankaj Koinkar :** Effect of Reducing Agent on the Synthesis of Black TiO2-x Photocatalyst and its Enhanced Photocatalytic Activity via In-situ Hydrothermal Technique, *International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2024),* Nov. 2024.
74. **松岡 優季, 片山 哲郎, コインカー パンカジ, 古部 昭広 :** 超音波処理によるMoS2ナノシートの剥離とMoS2/Agナノワイヤーの複合材料の作製および励起状態緩和過程, *光化学討論会 2024,* 2024年9月.
75. **柚山 俊介, 片山 哲郎, コインカー パンカジ, 古部 昭広 :** 金・炭化ケイ素複合ナノ粒子光触媒の可視応答性の向上とそのキャリアダイナミ クス, *光化学討論会 2024,* 2024年9月.
76. **穂崎 蓮奈, 前田 康由紀, 片山 哲郎, コインカー パンカジ, 古部 昭広, リンリ ーファ, 久富 隆史, 堂免 一成 :** レーザーアブレーション法でナノサイズ化したY2Ti2O5S2光触媒粒子の硫化処理効果とキャリアダイナミクスの解明, *光化学討論会 2024,* 2024年9月.
77. **増原 涼, 以倉 優一, Niloy Paul, 片山 哲郎, コインカー パンカジ, 古部 昭広 :** 液中レーザーアブレーション法で得られる金コロイド溶液を用いた複合ナノ材料の作製法の検討, *光化学討論会 2024,* 2024年9月.
78. **古部 昭広, 柚山 俊介, 片山 哲郎, コインカー パンカジ :** 金/炭化ケイ素複合ナノ粒子光触媒の可視光応答の向上と光誘起電荷移動ダイナミクス, *第72回応用物理学会春期学術講演会,* 2025年3月.
79. **Pankaj Koinkar :** Photocatalytic activity of metal decorated graphene oxide nanocomposites for the degradation of dyes under visible light irradiation, *12th Vacuum and Surface Sciences Conference of Asia and Australia (VASSCAA-12),* Oct. 2024.
80. **Pankaj Koinkar :** Recent advances in 2D heterojunction for photocatalysis applications, *6th International Conference on Green Energy and Environment (ICoGEE 2024),* Oct. 2024.
81. **Pankaj Koinkar :** Development of the Graphene/Metal Oxide nanocomposites for enhancing the photocatalytic Efficiency for Degradation of Organic Pollutants, *International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2024).,* Nov. 2024.
82. **Pankaj Koinkar :** Approaches for improving visible-light-driven photocatalysis activity using graphene-based nanocomposite, *4th INTERNATIONAL E-CONFERENCE ON MECHANICAL AND MATERIAL SCIENCE ENGINEERING INNOVATION AND RESEARCH (ICMMSE: IR 2024),* Dec. 2024.
83. **Pankaj Koinkar :** Introduction of Internantional Educational Programs at Tokushima University, *Xi'an University, China,* Dec. 2024.
84. **Pankaj Koinkar :** Photocatalytic activity of Two Dimensional Nanostructures, *International Conference on Materials & Applied Science for Society,* Dec. 2024.
85. **Pankaj Koinkar :** Plasmonic-assisted enhanced photocatalytic activity of BiOX@MOF nanocomposites for the removal of organic pollutants, *2025 International Advanced Technology and Taiwan-Japan Engineering Forum (IAT&TJEF 2025),* Mar. 2025.