

Prof. Ming-Chung Wu of Chang Gung University (Update 2026/02/25)

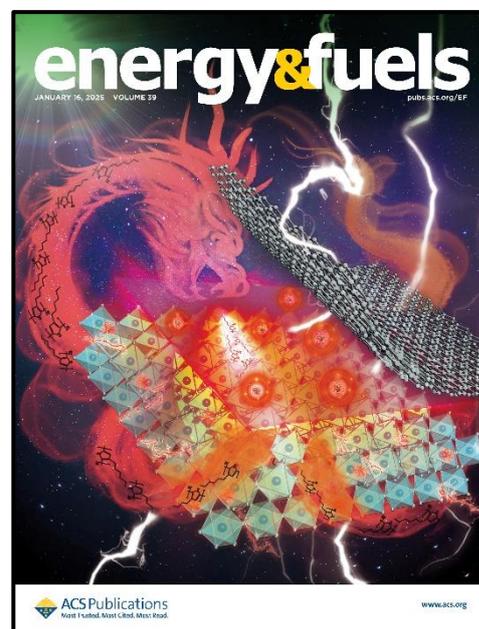
SCI Journal Paper

2026

1. Wei-Hao Chiu, Wei-Lun Yu, [Ming-Chung Wu](#), Jen-Fu Hsu, Gao Chen, Ching-Yuan Liu*, and Kun-Mu Lee*, "Synergistic Preheating and Moderate Temperature Liquid Medium Annealing for High Performance Perovskite Solar Cells", **2026, *Solar Energy***, 309, 114430. (▲:0; SCI; IF:6.6 at 2024; Ranking:51/182=28.0% in Energy & Fuels)
2. Yin-Hsuan Chang†, [Ming-Chung Wu†*](#), Ting-Han Lin, Jia-Mao Chang, Yu-Ching Huang*, and Jer-Chyi Wang*, "Self-Precipitated Metal-Doped Titanate Nanofiber Substrates for Surface-Enhanced Raman Scattering of Organic Analytes", **2026, *Journal of the Taiwan Institute of Chemical Engineers***, 178, 106396. (▲:0; SCI; IF:6.3 at 2024; Ranking:31/175=17.7% in Engineering, Chemical)
3. Harini Srikanth Rao, Wei-Hao Chiu, Shih-Hsuan Chen, [Ming-Chung Wu](#), and Kun-Mu Lee*, "Impact of Proton Radiation on the Performance of Single-Junction Perovskite Solar Cells for Space Applications", **2026, *Solar Energy Materials and Solar Cells***, 295, 114015. (▲:0; SCI; IF:6.3 at 2024; Ranking:36/187=19.3% in Physics, Applied)

2025

4. [Ming-Chung Wu*](#), Kai-Chi Hsiao, Chuliang Fu, Ting-Han Lin, Yin-Hsuan Chang, Yu-Ching Huang, Mu-Ping Nieh, Wei-Fang Su, and Mingda Li*, "Giant, Non-Perturbative Tuning of Light-Matter Interaction of Embedded Quantum Dots in Semiconducting Matrices", **2025, *Advanced Composites and Hybrid Materials***, 8, 281. (▲:0; SCI; IF:21.8 at 2024; Ranking:1/34=2.9% in Materials Science, Composites)
5. Hyun Sik Moon, Yu-Jeong Yang, Getasew Mulualem Zewdi, Geon Youn, Yi-An Chen, Yu-Peng Chang, Kai-Chi Hsiao, Ting-Han Lin, Yi-Dong Lin, Jun Kue Park, Jucheol Park, Yan-Gu Lin, [Ming-Chung Wu](#), Yung-Jung Hsu, Hyeyoung Shin*, Si-Young Choi*, and Kijung Yong*, "Tailoring Cu₃N_x Clusters on TiO₂ Nanosheets to The Sub-Nanometric Scale for Enhancing NH₃ Photosynthesis", **2025, *Chemical Engineering Journal***, 515, 163915. (▲:2; SCI; IF:13.2 at 2024; Ranking:3/83=3.6% in Engineering, Environmental)
6. Tz-Feng Lin†, Yin-Hsuan Chang†, Ting-Hung Hsieh, Shu-Chi Lu, Ting-Han Lin, Hao-Yun Yu, and [Ming-Chung Wu*](#), "Carbazole-Functionalized Nanocomposite Fibers for Sensitive Alcohol Vapor Detection", **2025, *Surface and Coatings Technology***, 518, 132883. (▲:0; SCI; IF:6.1 at 2024; Ranking:5/23=21.7% in Materials Science, Coatings & Films)
7. Priyanka Chaudhary, Dun-Heng Tan, Chia-Hsien Lee, Chun-Yu Chang, Ting-Han Lin, [Ming-Chung Wu](#), Wei-Fang Su, Meng-Fang Lin*, and Yu-Ching Huang*, "3D-Printed Artificial Cornea Featuring Aligned Fibrous Structure and Enhanced Mechanical Strength", **2025, *International Journal of Bioprinting***, 11, 598-613. (▲:0; SCI; IF:6.0 at 2024; Ranking:24/124=19.4% in Engineering, Biomedical)
8. Shih-Han Huang, Yu-Hsiang Chen, Hou-Chin Cha, Damian Glowienka, [Ming-Chung Wu*](#), and Yu-Ching Huang*, "Polymer-Enhanced Active Layer Crystallization in Low-Temperature Carbon-Based Perovskite Solar Cells", **2025, *Energy & Fuels***, 39, 1401-1408. (▲:2; SCI; IF:5.3 at 2024; Ranking:42/175=24.0% in Engineering, Chemical) **(Selected as a supplementary cover of [Energy & Fuels!!](#))**



9. [Ming-Chung Wu](#)^{†*}, Yin-Hsuan Chang[†], Ting-Han Lin[†], Chun-Yuan Wu, Jia-Mao Chang, and Yu-Jen Lu^{*}, "Enhanced Photothermal Therapy for Tumor Ablation: Structural and Functional Insights into Bi₂Se₃ Nanosheets as Light-to-Heat Converter", **2025, *Discover Nano***, 20, 106. (▲:0; SCI; IF:4.5 at 2024; Ranking:53/187=28.3% in Physics, Applied)

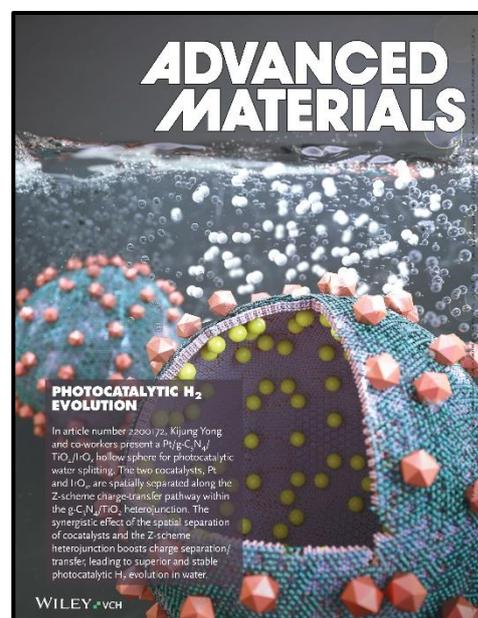
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10. Jia-Mao Chang, Ting-Han Lin, Kai-Chi Hsiao, Kuo-Ping Chiang, Yin-Hsuan Chang, and [Ming-Chung Wu](#)^{*}, "Gas-Solid Phase Reaction Derived Silver Bismuth Iodide Rudorffite: Structural Insight and Exploring Photocatalytic Potential of CO₂ Reduction", **2024, *Advanced Science***, 11, 2309526. (▲:11; SCI; IF:14.1 at 2024; Ranking:33/460=7.2% in Materials Science, Multidisciplinary)
11. Kai-Chi Hsiao[†], Ching-Mei Ho[†], Ting-Han Lin, Shih-Hsuan Chen, Yin-Hsuan Chang, Ying-Han Liao, Jia-Mao Chang, Tz-Feng Lin^{*}, Yu-Ching Huang^{*}, Kun-Mu Lee^{*}, and [Ming-Chung Wu](#)^{*}, "Ceiling of Barium Substitution for B-Site Cation in Organometal Halide Perovskite Solar Cells", **2024, *International Journal of Energy Research***, 2024, 9990559. (▲:3; SCI; IF:4.2 at 2024; Ranking:1/41=2.4% in Nuclear Science & Technology)
12. Ying-Han Liao[†], Yin-Hsuan Chang[†], Ting-Han Lin, Kun-Mu Lee, and [Ming-Chung Wu](#)^{*}, "Recent Advances in Metal Oxide Electron Transport Layers for Enhancing the Performance of Perovskite Solar Cells", **2024, *Materials***, 17, 2722. (▲:10; SCI; IF:3.2 at 2024; Ranking:25/96=26.0% in Metallurgy & Metallurgical Engineering)
13. Yi-An Chen, Yuhi Nakayasu, Yu-Chang Lin, Jui-Cheng Kao, Kai-Chi Hsiao, Quang-Tuyen Le, Kao-Der Chang, [Ming-Chung Wu](#), Jyh-Pin Chou, Chun-Wei Pao, Tso-Fu Mark Chang, Masato Sone, Chun-Yi Chen^{*}, Yu-Chieh Lo^{*}, Yan-Gu Lin^{*}, Akira Yamakata^{*}, Yung-Jung Hsu^{*}, "Double-Hollow Au@CdS Yolk@Shell Nanostructures as Superior Plasmonic Photocatalysts for Solar Hydrogen Production", **2024, *Advanced Functional Materials***, 34, 2402392. (▲:0; SCI; IF:19.0 at 2024; Ranking:9/187=4.8% in Physics, Applied)
14. Chao Zhang[†], Xiaobin Hao[†], Jiatang Wang, Xiayu Ding, Yuan Zhong, Yawen Jiang, [Ming-Chung Wu](#), Ran Long, Wanbing Gong, Changhao Liang, Weiwei Cai^{*}, Jingxiang Low^{*}, and Yujie Xiong^{*}, "Concentrated Formic Acid from CO₂ Electrolysis for Directly Driving Fuel Cell", **2024, *Angewandte Chemie-International Edition***, 63, e202317628. (▲:57; SCI; IF:16.9 at 2024; Ranking:15/239=6.3% in Chemistry, Multidisciplinary)
15. Shih-Cheng Tsao, Kuo-Hsuan Chang, Yi Fu, Han-Hsiang Tai, Ting-Han Lin, [Ming-Chung Wu](#), and Jer-Chyi Wang^{*}, "Heterogeneous Integration of Memristive and Piezoresistive MDMO-PPV-Based Copolymers in Nociceptive Transmission with Fast and Slow Pain for an Artificial Pain-Perceptual System", **2024, *Small***, 20, 202311040. (▲:5; SCI; IF:12.1 at 2024; Ranking:14/187=7.5% in Physics, Applied)
16. Wei-Hao Chiu, Ying-Kai Huang, Shih-Hsuan Chen, [Ming-Chung Wu](#), Gao Chen, and Kun-Mu Lee^{*}, "Exploring the Efficiency Enhancement of Perovskite Solar Cells by Chemical Bath Depositing SnO₂ on Mesoporous TiO₂ Electrode", **2024, *Materials Today Chemistry***, 41, 102329. (▲:5; SCI; IF:6.7 at 2024; Ranking:46/239=19.2% in Chemistry, Multidisciplinary)
17. Jer-Chyi Wang^{*}, Tzu-Chuan Yang, Tzu-Wei Hsu, Ping-Jung Huang, Peng-Nang Chen, Chen-Yang Tseng, Ting-Han Lin, Jia-Mao Chang, Chang-Heng Liu, Wen-Ling Yeh^{*}, and [Ming-Chung Wu](#)^{*}, "Self-Powered Piezoelectric Ultraviolet Photodetectors Based on TiO₂-NFs:P(VDF-TrFE) Nanocomposites via Ultraviolet-Assisted Thermal Annealing for the Prevention of Ultraviolet Overexposure", **2024, *Journal of the Taiwan Institute of Chemical Engineers***, 165, 105808. (▲:2; SCI; IF:6.3 at 2024; Ranking:31/175=17.7% in Engineering, Chemical)
18. Yu-Hua Liu, Han-Hsiang Tai, Chi-An Ho, Ting-Han Lin, [Ming-Chung Wu](#), and Jer-Chyi Wang^{*}, "Highly Compatible and Reliable ZrN Interfacial Layer between TiN Top Electrode and Antiferroelectric ZrO₂ Thin Film to Boost the Electrocaloric Behavior", **2024, *Journal of the European Ceramic Society***, 44, 215-223. (▲:5; SCI; IF:6.2 at 2024; Ranking:2/33=6.1% in Materials Science, Ceramics)

19. Chun-Yu Chang, An-Jey A. Su, Meng-Fang Lin, Kai-Chi Hsiao, Yu-Ting Lin, Yu-Sheng Hsiao, [Ming-Chung Wu*](#), Yu-Ching Huang*, and Wei-Fang Su*, "Investigating Long Term Storage Stability and Drug Release Behavior of Polypeptide Based Fibrous Scaffold for Tissue Engineering Application", **2024, *Materials Chemistry and Physics***, 321, 129503. (▲:1; SCI; IF:4.7 at 2024; Ranking:150/460=32.6% in Materials Science, Multidisciplinary)
20. Rashmiranjan Patra, Pradeep Kumar Panda, Ting-Han Lin, [Ming-Chung Wu](#), and Po-Chih Yang*, "Graphitic Carbon Nitride Nanosheet and Ferroelectric PbTiO₃ Nanoplates S-Scheme Heterostructure for Enhancing Hydrogen Production and Textile Dye Degradation", **2024, *Chemical Engineering Science***, 259, 120133. (▲:16; SCI; IF:4.3 at 2024; Ranking:54/175=30.9% in Engineering, Chemical)

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21. Kai-Chi Hsiao, Yen-Fu Yu, Ching-Mei Ho, Meng-Huan Jao, Yu-Hsiang Chang, Shih-Hsuan Chen, Yin-Hsuan Chang, Wei-Fang Su, Kun-Mu Lee*, and [Ming-Chung Wu*](#), "Doping Engineering of Carrier Transporting Layers for Ambient-Air-Stable Lead-Free Rudorffite Solar Cells Prepared by Thermal-Assisted Doctor Blade Coating", **2023, *Chemical Engineering Journal***, 451, 138807. (▲:18; SCI; IF:13.2 at 2024; Ranking:3/83=3.6% in Engineering, Environmental)
22. Yuan-Yu Chiu, Shih-Hsuan Chen, Kun-Mu Lee, Tz-Feng Lin, and [Ming-Chung Wu*](#), "Side Chain Modulated Carbazole-Based Bifunctional Hole-Shuttle Interlayer Simultaneously Improves Interfacial Energy Level Alignment and Defect Passivation in High-Efficiency Perovskite Solar Cells", **2023, *Chemical Engineering Journal***, 477, 147208. (▲:10; SCI; IF:13.2 at 2024; Ranking:3/83=3.6% in Engineering, Environmental)
23. Yin-Hsuan Chang, Ting-Hung Hsieh, Kai-Chi Hsiao, Ting-Han Lin, Kai-Hsiang Hsu*, and [Ming-Chung Wu*](#), "Electrospun Fibrous Nanocomposite Sensing Materials for Monitoring Biomarkers in Exhaled Breath", **2023, *Polymers***, 15, 1833. (▲:5; SCI; IF:4.9 at 2024; Ranking:19/94=20.2% in Polymer Science)
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25. [Ming-Chung Wu*](#), Yin-Hsuan Chang, Yi-Jing Lu, Kai-Chi Hsiao, Ting-Han Lin, Jia-Mao Chang, Kai-Hsiang Hsu, Jen-Fu Hsu*, and Kun-Mu Lee*, "Modulating Incident Light for Improved CO₂ Photoreduction in Freestanding Silver Bismuth Iodide/Nanocellulose Films with Exotic Gold Nanoparticles", **2023, *Materials Science in Semiconductor Processing***, 162, 107505. (▲:1; SCI; IF:4.6 at 2024; Ranking:95/336=28.3% in Engineering, Electrical & Electronic)
26. [Ming-Chung Wu*†](#), Ching-Mei Ho†, Kai-Chi Hsiao†, Shih-Hsuan Chen, Yin-Hsuan Chang, Meng-Huan Jao, "Antisolvent Engineering to Enhance Photovoltaic Performance of Methylammonium Bismuth Iodide Solar Cells", **2023, *Nanomaterials***, 13, 59. (▲:1; SCI; IF:4.3 at 2024; Ranking:57/187=30.5% in Physics, Applied)
27. Hyun-Sik Moon, Kai-Chi Hsiao, [Ming-Chung Wu](#), Yongju Yun, Yung-Jung Hsu, and Kijung Yong*, "Spatial Separation of Cocatalysts on Z-Scheme Organic/Inorganic Heterostructure Hollow Spheres for Enhanced Photocatalytic H₂ Evolution and in-Depth Analysis of the Charge-Transfer Mechanism", **2023, *Advanced Materials***, 35, 2200172. (▲:277; SCI; IF:26.8 at 2024; Ranking:10/460=2.2% in Materials Science, Multidisciplinary)
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28. Ishita Chakraborty†, [Ming-Chung Wu†](#), Sz-Nai Lian, and Chao-Sung Lai*, "Self-Powered Broadband Photodetection with Mixed-Phase Black TiO₂-Assisted Output Boosting of a Biobased Triboelectric Nanogenerator", **2023**, *Chemical Engineering Journal*, 452, 139138. (▲:16; SCI; IF:13.2 at 2024; Ranking:3/83=3.6% in Engineering, Environmental)
 29. Yun-Hsiu Tseng, Tien-Li Ma, Dun-Heng Tan, An-Jey A. Su*, Kia M. Washington, Chun-Chieh Wang, Yu-Ching Huang, [Ming-Chung Wu*](#), and Wei-Fang Su, "Injectable Hydrogel Guides Neurons Growth with Specific Directionality", **2023**, *International Journal of Molecular Sciences*, 24, 7952. (▲:2; SCI; IF:4.9 at 2024; Ranking:72/319=22.6% in Biochemistry & Molecular biology)
 30. An-Jey A. Su, Ning Jiang, Shyh-Chyang Luo, Kia M. Washington, [Ming-Chung Wu](#), Yu-Ching Huang*, and Wei-Fang Su*, "Fibrous Polypeptide Based Bioscaffold Delivery of Minocycline Hydrochloride for Nerve Regeneration", **2023**, *Materials Chemistry and Physics*, 305, 127974. (▲:3; SCI; IF:4.7 at 2024; Ranking:150/460=32.6% in Materials Science, Multidisciplinary)
 31. Forest Shih-Sen Chien*, Asmida Herawati, Ching-Mei Ho, Hsi-Lien Hsiao, Tsong-Shin Tim, Chang-Ren Wang, Kwai-Kong Ng, Subir Das, Fu-Jen Kao, and [Ming-Chung Wu*](#), "Charge Relaxation Associated with Photo-Induced Deactivation of Various Traps in MAPbI₃ Films", **2023**, *Journal of physics D-Applied Physics*, 56, 305105. (▲:2; SCI; IF:3.2 at 2024; Ranking:71/187=38.0% in Physics, Applied)
 32. Seoungjun Ahn, Wei-Hao Chiu, Hsin-Ming Cheng, Vembu Suryanarayanan, Gao Chen, Yu-Ching Huang*, [Ming-Chung Wu*](#), and Kun-Mu Lee*, "Enhancing Efficiency and Stability of Perovskite Solar Cells Through Two-Step Deposition Method with the Addition of Cesium Halides to PbI₂ Precursor", **2023**, *Organic Electronics*, 120, 106847. (▲:7; SCI; IF:2.6 at 2024; Ranking:97/187=51.9% in Physics, Applied)
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 34. [Ming-Chung Wu*](#), Qian-Han Wang, Kai-Chi Hsiao, Shih-Hsuan Chen, Ching-Mei Ho, Meng-Huan Jao, Yin-Hsuan Chang, and Wei-Fang Su, "Composition Engineering to Enhance the Photovoltaic Performance and to Prolong the Lifetime for Silver Bismuth Iodide Solar Cell", **2022**, *Chemical Engineering Journal Advances*, 10, 100275. (▲:17 SCI; IF:7.1 at 2024; Ranking:26/175=14.9% in Engineering, Chemical)
 35. Shun-Hsiang Chan, Yin-Hsuan Chang, Meng-Huan Jao, Kai-Chi Hsiao, Kun-Mu Lee, Chao-Sung Lai, and [Ming-Chung Wu*](#), "High Efficiency Quasi-2D/3D Pb-Ba Perovskite Solar Cells via PEACl Addition", **2022**, *Solar RRL*, 6, 2101098. (▲:6; SCI; IF:4.7 at 2024; Ranking:150/460=32.6% in Materials Science, Multidisciplinary)
 36. Tzu-Yi Yu, Yu-Kai Tseng, Ting-Han Lin, Tzu-Chia Wang, Yun-Hsiu Tseng, Yin-Hsuan Chang, [Ming-Chung Wu*](#), and Wei-Fang Su*, "Effect of Cellulose Compositions and Fabrication Methods on Mechanical Properties of Polyurethane-Cellulose Composites", **2022**, *Carbohydrate Polymers*, 291, 119549. (▲:32; SCI; IF:12.5 at 2024; Ranking:1/57=1.8% in Chemistry, Organic)
 37. Yi-Pei Jiang†, [Ming-Chung Wu†](#), Ting-Han Lin, Yin-Hsuan Chang, and Jer-Chyi Wang*, "Color Discrimination in Color Vision Deficiency: Photon-Assisted Piezoelectric IGZO Color-Tactile Sensors with P(VDF-TrFE)/Metal-Decorated TiO₂-Nanofibers Nanocomposites", **2022**, *Advanced Materials Technologies*, 7, 2101147. (▲:2; SCI; IF:6.2 at 2024; Ranking:122/460=26.5% in Materials Science, Multidisciplinary)

38. Tzu-Yi Yu, Yun-Hsiu Tseng, Chun-Chieh Wang, Ting-Han Lin, [Ming-Chung Wu](#), Cheng-Si Tsao*, and Wei-Fang Su*, "Three Level Hierarchical 3D Network Formation and Structure Elucidation of Wet Hydrogel of Tunable-High-Strength Nanocomposite", **2022, *Macromolecular Materials and Engineering***, 307, 2100871. (▲:5; SCI; IF:4.6 at 2024; Ranking:25/94=26.6% in Polymer Science)
39. Kun-Mu Lee*†, Shun-Hsiang Chan*†, Chang-Chieh Ting, Shih-Hsuan Chen, Wei-Hao Chiu, Vembu Suryanarayanan, Jen-Fu Hsu, Ching-Yuan Liu*, and [Ming-Chung Wu*](#), "Surfactant Tween 20 Controlled Perovskite Film Fabricated by Thermal Blade Coating for Efficient Perovskite Solar Cells", **2022, *Nanomaterials***, 12, 2651. (▲:9; SCI; IF:4.3 at 2024; Ranking:57/187=30.5% in Physics, Applied)

2021-

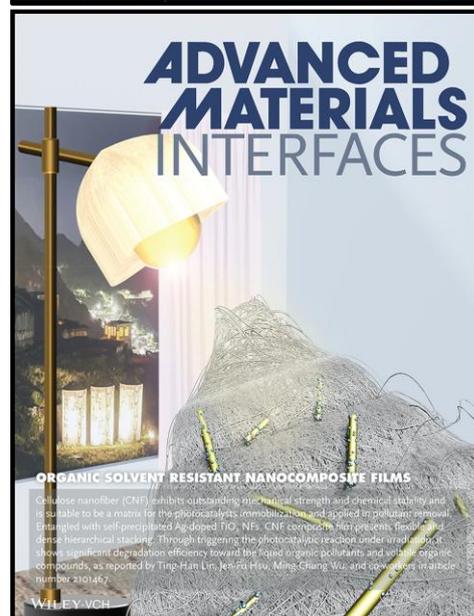
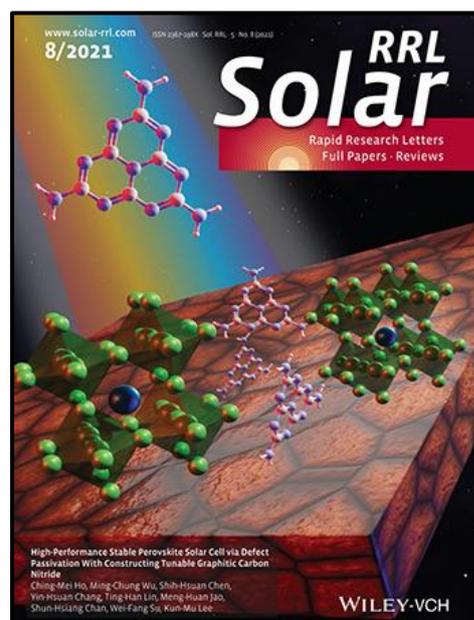
40. Kai-Chi Hsiao, Bo-Ting Lee, Meng-Huan Jao, Ting-Han Lin, Cheng-Hung Hou, Jing-Jong Shyue, [Ming-Chung Wu](#), and Wei-Fang Su*, "Chloride Gradient Render Carrier Extraction of Hole Transport Layer for High V_{oc} and Efficient Inverted Organometal Halide Perovskite Solar Cell", **2021, *Chemical Engineering Journal***, 409, 128100. (▲:16; SCI; IF:13.2 at 2024; Ranking:3/83=3.6% in Engineering, Environmental)
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42. Ting-Han Lin†, [Ming-Chung Wu*†](#), Kou-Ping-Chiang, Yin-Hsuan Chang, Jen-Fu Hsu, Kai-Hsiang Hsu*, and Kun-Mu Lee*, "Unveiling the Surface Precipitation Effect of Ag Ions in Ag-Doped TiO₂ Nanofibers Synthesized by One-Step Hydrothermal Method for Photocatalytic Hydrogen Production", **2021, *Journal of the Taiwan Institute of Chemical Engineers***, 120, 291-299. (▲:16; SCI; IF:6.3 at 2024; Ranking:31/175=17.7% in Engineering, Chemical)

43. Ching-Mei Ho†, [Ming-Chung Wu*†](#), Shih-Hsuan Chen, Yin-Hsuan Chang, Ting-Han Lin, Meng-Huan Jao, Shun-Hsiang Chan, Wei-Fang Su, and Kun-Mu Lee*, "High-Performance Stable Perovskite Solar Cell via Defect Passivation with Constructing Tunable Graphitic Carbon Nitride", **2021, *Solar RRL***, 5, 2100257. (▲:14; SCI; IF:4.7 at 2024; Ranking:150/460=32.6% in Materials Science, Multidisciplinary) (Selected as an inside back cover of Solar RRL!!)

44. [Ming-Chung Wu*](#), Ruei-Yu Kuo, Yin-Hsuan Chang, Shih-Hsuan Chen, Ching-Mei Ho, and Wei-Feng Su, "Alkali Metal Cation Incorporated Ag₃BiI₆ Absorbers for Efficient and Stable Rudorffite Solar Cells", **2021, *Oxford Open Materials Science***, 1, itab017. (▲:5; SCI; IF:4.5 at 2024; Ranking:169/460=36.7% in Materials Science, Multidisciplinary)

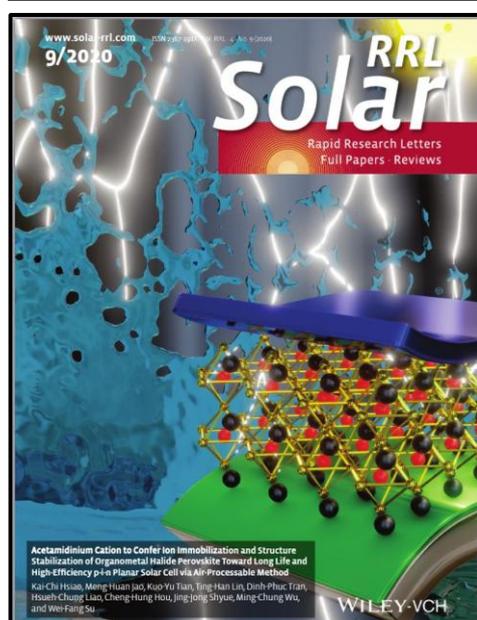
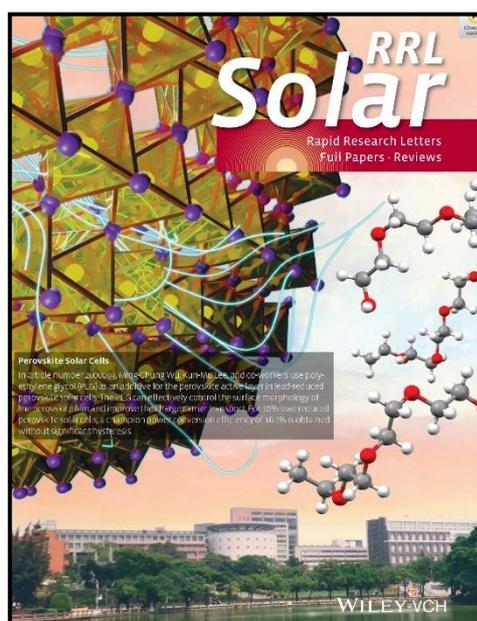
45. Ting-Han Lin, Yu-Han Liao, Kun-Mu Lee, Yin-Hsuan Chang, Kai-Hsiang Hsu, Jen-Fu Hsu*, and [Ming-Chung Wu*](#), "Organic Solvent Resistant Nanocomposite Films Made from Self-Precipitated Ag/TiO₂ Nanofibers and Cellulose Nanofiber for Harmful Volatile Organic Compounds Photodegradation", **2021, *Advanced Materials Interfaces***, 8, 2101467. (▲:10; SCI; IF:4.4 at 2024; Ranking:79/239=33.1% in Chemistry, Multidisciplinary) (Selected as a frontispiece of Advanced Materials Interfaces!!)



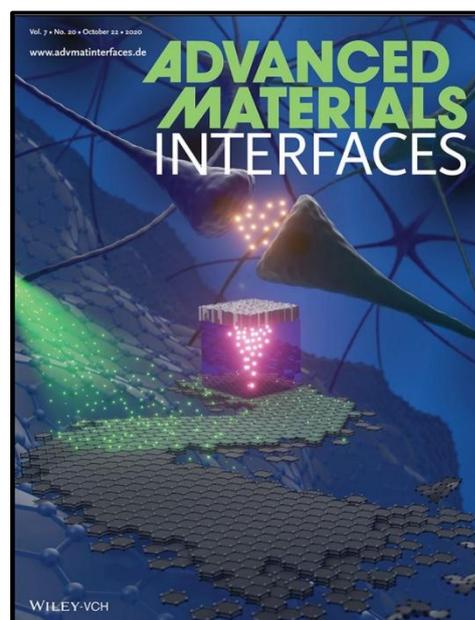
46. Ting-Han Lin, Yin-Hsuan Chang, Kuo-Ping Chiang, Jer-Chyi Wang*, and [Ming-Chung Wu*](#), "Nanoscale Multidimensional Pd/TiO₂/g-C₃N₄ Catalyst for Efficient Solar-Driven Photocatalytic Hydrogen Production", **2021, *Catalysts***, 11, 59. (▲:15; SCI; IF:4.0 at 2024; Ranking:83/185=44.9% in Chemistry, Physical)
47. Kun-Mu Lee*, Shun-Hsiang Chan, Min-Yao Hou, Wei-Cheng Chu, Shih-Hsuan Chen, Sheng-Min Yu, and [Ming-Chung Wu*](#), "Enhanced Efficiency and Stability of Quasi-2D/3D Perovskite Solar Cells by Thermal Assisted Blade Coating Method", **2021, *Chemical Engineering Journal***, 405, 126992. (▲:25; SCI; IF:13.2 at 2024; Ranking:3/83=3.6% in Engineering, Environmental)
48. Ishita Chakraborty, Sz-Nian La, [Ming-Chung Wu](#), Hsun-Yen Lin, Chuan Li, Jyh Ming Wu*, and Chao-Sung Lai*, "Charge Trapping with α -Fe₂O₃ Nanoparticles Accompanied by Human Hair Towards an Enriched Triboelectric Series and a Sustainable Circular Bioeconomy", **2021, *Materials Horizons***, 2021, 8, 3149-3162. (▲:27; SCI; IF:10.7 at 2024; Ranking:27/239=11.3% in Chemistry, Multidisciplinary)
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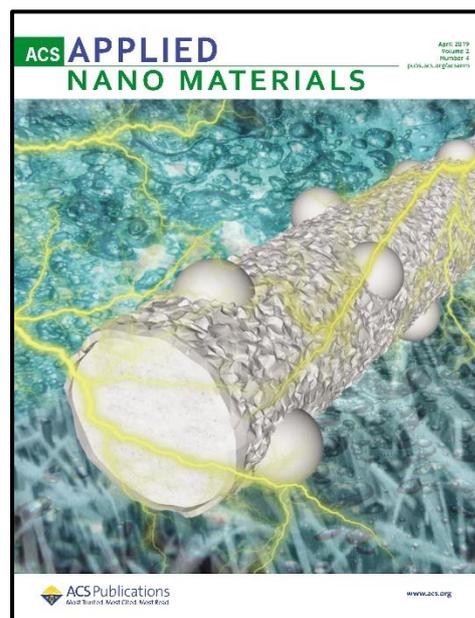
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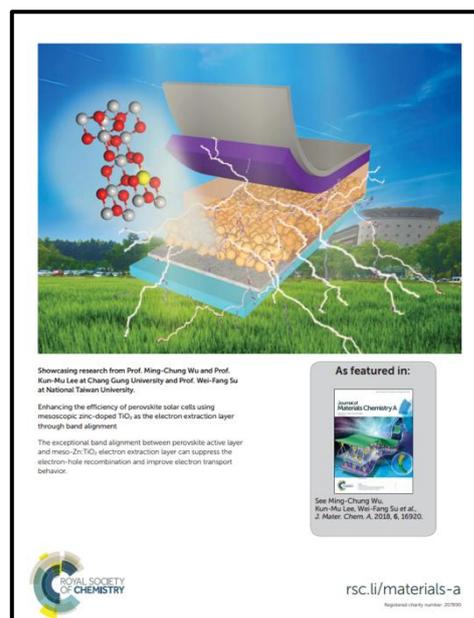
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