

## Dr. Ting-Han Lin of Chang Gung University (Update 2025/11/14)

### SCI Journal Paper

2026

1. Yin-Hsuan Chang<sup>†</sup>, Ming-Chung Wu<sup>†\*</sup>, [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)

2025

2. 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)
3. 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 Cu<sub>3</sub>N<sub>x</sub> Clusters on TiO<sub>2</sub> Nanosheets to The Sub-Nanometric Scale for Enhancing NH<sub>3</sub> Photosynthesis", **2025, *Chemical Engineering Journal***, 515, 163915. (▲:0; SCI; IF:13.2 at 2024; Ranking:3/83=3.6% in Engineering, Environmental)
4. Tz-Feng Lin<sup>†</sup>, Yin-Hsuan Chang<sup>†</sup>, 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)
5. 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)
6. Ming-Chung Wu<sup>†\*</sup>, Yin-Hsuan Chang<sup>†</sup>, [Ting-Han Lin](#)<sup>†</sup>, Chun-Yuan Wu, Jia-Mao Chang, and Yu-Jen Lu\*, "Enhanced Photothermal Therapy for Tumor Ablation: Structural and Functional Insights into Bi<sub>2</sub>Se<sub>3</sub> 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)

2024

7. 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 CO<sub>2</sub> Reduction", **2024, *Advanced Science***, 11, 2309526. (▲:6; SCI; IF:14.1 at 2024; Ranking:33/460=7.2% in Materials Science, Multidisciplinary)
8. Seoungjun Ahn, Wei-Hao Chiu, Wei-Chen Chu, Pei-Yu Chen, [Ting-Han Lin](#), and Kun-Mu Lee\*, "A Systematic Investigation of PVDF-HFP in Perovskite Solar Cells for Improved Space Mission Reliability", **2024, *Chemical Engineering Journal***, 496, 153974. (▲:2; SCI; IF:13.2 at 2024; Ranking:3/83=3.6% in Engineering, Environmental)
9. 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. (▲:4; SCI; IF:12.1 at 2024; Ranking:14/187=7.5% in Physics, Applied)

10. 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 TiO<sub>2</sub>-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. (▲:1; SCI; IF:6.3 at 2024; Ranking:31/175=17.7% in Engineering, Chemical)
11. 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 ZrO<sub>2</sub> Thin Film to Boost the Electrocaloric Behavior", **2024, *Journal of the European Ceramic Society***, 44, 215-223. (▲:0; SCI; IF:6.2 at 2024; Ranking:2/33=6.1% in Materials Science, Ceramics)
12. Rashmiranjan Patra, Pradeep Kumar Panda, [Ting-Han Lin](#), Ming-Chung Wu, and Po-Chih Yang\*, "Graphitic Carbon Nitride Nanosheet and Ferroelectric PbTiO<sub>3</sub> Nanoplates S-Scheme Heterostructure for Enhancing Hydrogen Production and Textile Dye Degradation", **2024, *Chemical Engineering Science***, 259, 120133. (▲:12; SCI; IF:4.3 at 2024; Ranking:54/175=30.9% in Engineering, Chemical)
13. 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)
14. 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. (▲:4; SCI; IF:3.2 at 2024; Ranking:25/96=26.0% in Metallurgy & Metallurgical Engineering)

## 2023

15. [Ting-Han Lin](#)†, Yin-Hsuan Chang†, Ting-Hung Hsieh†, Yu-Ching Huang\*, and Ming-Chung Wu\*, "Electrospun SnO<sub>2</sub>/WO<sub>3</sub> Heterostructure Nanocomposite Fiber for Enhanced Acetone Vapor Detection", **2023, *Polymers***, 15, 4318. (▲:2; SCI; IF:4.9 at 2024; Ranking:19/94=20.2% in Polymer Science)
16. 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. (▲:4; SCI; IF:4.9 at 2024; Ranking:19/94=20.2% in Polymer Science)
17. 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 CO<sub>2</sub> 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)

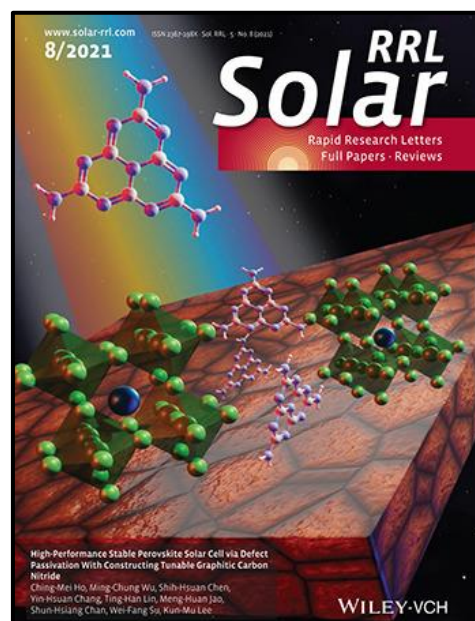
## 2022

18. 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. (▲:23; SCI; IF:12.5 at 2024; Ranking:1/57=1.8% in Chemistry, Organic)
19. 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 TiO<sub>2</sub>-Nanofibers Nanocomposites", **2022, *Advanced Materials Technologies***, 7, 2101147. (▲:1; SCI; IF:6.2 at 2024; Ranking:122/460=26.5% in Materials Science, Multidisciplinary)

20. 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. (▲:4; SCI; IF:4.6 at 2024; Ranking:25/94=26.6% in Polymer Science)

## 2021-

21. 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)
22. [Ting-Han Lin](#), Ming-Chung Wu\*, Yen-Ting Lin, Chi-Hui Tsao, Yin-Hsuan Chang, Kuo-Ping Chiang, Yu-Ting Huang, and Yu-Jen Lu\*, "Solar-Triggered Photothermal Therapy for Tumor Ablation by Ag Nanoparticles Self-Precipitated on Structural Titanium Oxide Nanofibers", **2021, *Applied Surface Science***, 552, 149428. (▲:10; SCI; IF:6.9 at 2024; Ranking:3/23=13.0% in Materials Science, Coatings & Films)
23. Tzu-Chuan Yang, Yi-Pei Jiang, [Ting-Han Lin](#), Shih-Hsuan Chen, Ching-Mei Ho, Ming-Chung Wu, and Jer-Chyi Wang\*, "N-Butylamine-Modified Graphite Nanoflakes Blended in Ferroelectric P(VDF-TrFE) Copolymers for Piezoelectric Nanogenerators with High Power Generation Efficiency", **2021, *European Polymer Journal***, 159, 110754. (▲:6; SCI; IF:6.3 at 2024; Ranking:10/94=10.6% in Polymer, Science)
24. Jer-Chyi Wang\*, Rajat Subhra Karmakar, [Ting-Han Lin](#), Ming-Chung Wu\*, and Kuo-Hsuan Chang\*, "Reaction-Inhibited Interfacial Coating Between PEDOT:PSS Sensing Membrane and ITO Electrode for Highly-Reliable Piezoresistive Pressure Sensing Applications", **2021, *Journal of the Taiwan Institute of Chemical Engineers***, 126, 297-306. (▲:6; SCI; IF:6.3 at 2024; Ranking:31/175=17.7% in Engineering, Chemical)
25. [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 TiO<sub>2</sub> 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)
26. 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!!)

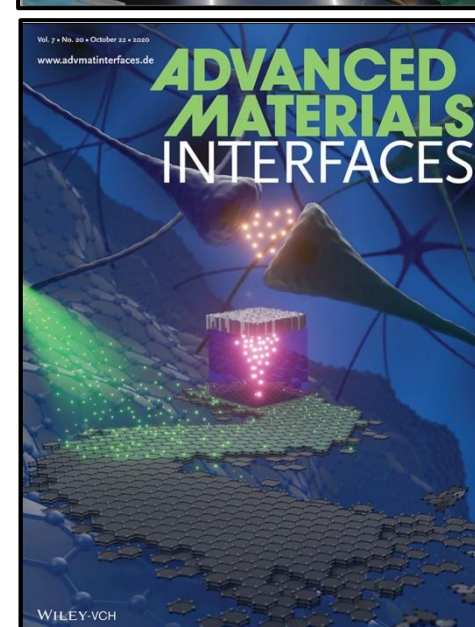
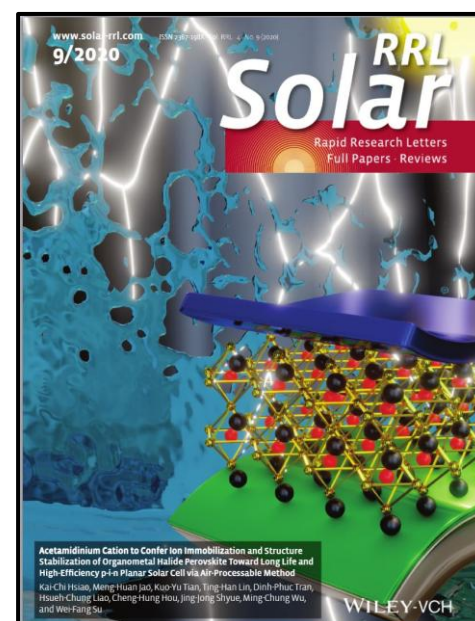
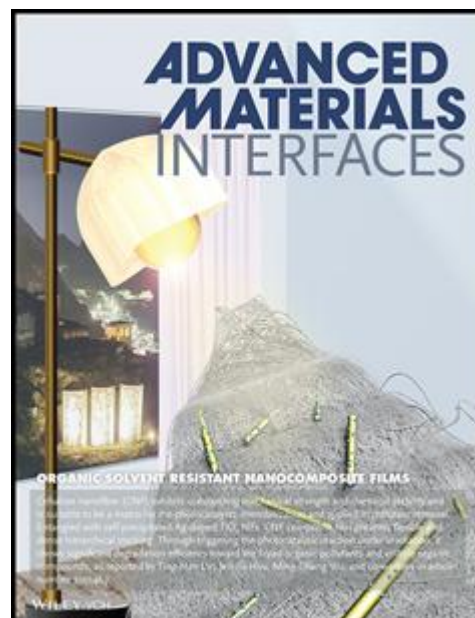




27. Ting-Han Lin, Yu-Han Liao, Kun-Mu Lee, Yin-Hsuan Chang, Kai-Hsiang Hsu, Jen-Fu Hsu\*, and Ming-Chung Wu\*, "Organic Solvent Resistant Nanocomposite Films Made from Self-Precipitated Ag/TiO<sub>2</sub> Nanofibers and Cellulose Nanofiber for Harmful Volatile Organic Compounds Photodegradation", **2021, *Advanced Materials Interfaces***, 8, 2101467. (▲:9; SCI; IF:4.4 at 2024; Ranking:79/239=33.1% in Chemistry, Multidisciplinary) **(Selected as a frontispiece of *Advanced Materials Interfaces*!!)**
28. Ting-Han Lin, Yin-Hsuan Chang, Kuo-Ping Chiang, Jer-Chyi Wang\*, and Ming-Chung Wu\*, "Nanoscale Multidimensional Pd/TiO<sub>2</sub>/g-C<sub>3</sub>N<sub>4</sub> 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)

2020-

29. Ying-Han Liao, Yin-Hsuan Chang, Ting-Han Lin, Shun-Hsiang Chan, Kun-Mu Lee, Kai-Hsiang Hsu, Jen-Fu Hsu\*, and Ming-Chung Wu\*, "Boosting the Power Conversion Efficiency of Perovskite Solar Cells Based on Sn Doped TiO<sub>2</sub> Electron Extraction Layer via Modification the TiO<sub>2</sub> Phase Junction", **2020, *Solar Energy***, 205, 390-398. (▲:17; SCI; IF:6.6 at 2024; Ranking:51/182=28.0% in Energy & Fuels)
30. Duy Linh Vu, Tz-Feng Lin, Ting-Han Lin, and Ming-Chung Wu\*, "Highly-Sensitive Detection of Volatile Organic Compounds Vapor by Electrospun PANI/P3TI/PMMA Fibers", **2020, *Polymers***, 12, 455. (▲:13; SCI; IF:4.9 at 2024; Ranking:19/94=20.2% in Polymer Science)
31. Kai-Chi Hsiao, Meng-Huan Jao, Kuo-Yu Tian, Ting-Han Lin, Dinh-Phuc Tran, Hsueh-Chung Liao, Cheng-Hung Hou, Jing-Jong Shyue, Ming-Chung Wu, and Wei-Fang Su\*, "Acetamidinium Cation to Confer Ion Immobilization and Structure Stabilization of Organometal Halide Perovskite Toward Long Life and High-Efficiency p-i-n Planar Cell via Air-Processable Method", **2020, *Solar RRL***, 4, 2000197. (▲:18; SCI; IF:4.7 at 2024; Ranking:150/460=32.6% in Materials Science, Multidisciplinary) **(Selected as a inside front cover of *Solar RRL*!!)**
32. Yi-Pei Jiang, Tzu-Chuan Yang, Ting-Han Lin, Ching-Mei-Ho, Shun-Hsiang Chan, Ming-Chung Wu, and Jer-Chyi Wang\*, "Layer-Dependent Solvent Vapor Annealing on Stacked Ferroelectric P(VDF-TrFE) Copolymers for Highly Efficient Nanogenerator Applications", **2020, *Polymer***, 204, 122822. (▲:7; SCI; IF:4.5 at 2024; Ranking:27/94=28.7% in Polymer Science)
33. Ya-Ting Chan, Yi Fu, Feng-Yu Wu, Ho-Wei Wang, Ting-Han Lin, Shun-Hsiang Chan, Ming-Chung Wu, and Jer-Chyi Wang\*, "Compacted Self-Assembly Graphene with Hydrogen Plasma Surface Modification for Robust Artificial Electronic Synapses of Gadolinium Oxide Memristors", **2020, *Advanced Materials Interfaces***, 7, 2000860. (▲:9; SCI; IF:4.4 at 2024; Ranking:79/239=33.1% in Chemistry, Multidisciplinary) **(Selected as an inside front cover cover of *Advanced Materials Interfaces*!!)**



## 2019-

34. Ming-Chung Wu\*, Chi-Hung Lin, [Ting-Han Lin](#), Shun-Hsiang Chan, Yin-Hsuan Chang, Tz-Feng Lin, Ziming Zhou, Kai Wang, and Chao-Sung Lai\*, "Ultrasensitive Detection of Volatile Organic Compounds by Freestanding Aligned Ag/CdSe-CdS/PMMA Texture with Double-Sild UV-Ozone Treatment", **2019, ACS Applied Materials & Interfaces**, 11, 34454-34462. (▲:9; SCI; IF:8.2 at 2024; Ranking:83/460=18.0% in Materials Science, Multidisciplinary)
35. Ming-Chung Wu\*, [Ting-Han Lin](#), Kai-Hsiang Hsu, and Jen-Fu Hsu\*, "Photo-Induced Disinfection Property and Photocatalytic Activity Based on the Synergistic Catalytic Technique of Ag Doped TiO<sub>2</sub> Nanofibers", **2019, Applied Surface Science**, 484, 326-334. (▲:55; SCI; SCI; IF:6.9 at 2024; Ranking:3/23=13.0% in Materials Science, Coatings & Films)
36. Ming-Chung Wu\*, Wei-Kang Huang, [Ting-Han Lin](#), and Yu-Jen Lu\*, "Photocatalytic Hydrogen Production and Photodegradation of Organic Dyes of Hydrogenated TiO<sub>2</sub> Nanofibers Decorated Metal Nanoparticles", **2019, Applied Surface Science**, 469, 34-43. (▲:29; SCI; IF:6.9 at 2024; Ranking:3/23=13.0% in Materials Science, Coatings & Films)
37. Duy Linh Vu, Yi-Ying Li, [Ting-Han Lin](#), and Ming-Chung Wu\*, "Fabrication and Humidity Sensing Property of UV/Ozone Treated PANI/PMMA Electrospun Fibers", **2019, Journal of the Taiwan Institute of Chemical Engineers**, 99, 250-257. (▲:16; SCI; IF:6.3 at 2024; Ranking:31/175=17.7% in Engineering, Chemical)
38. Kai-Chi Hsiao, Meng-Huan Jao, Bo-Ting Lee, [Ting-Han Lin](#), Hsuen-Chung Stan Liao, Ming-Chung Wu, and Wei-Fang Su\*, "Enhancing Efficiency and Stability of Hot Casting p-i-n Perovskite Solar Cell via Dipolar Ion Passivation", **2019, ACS Applied Energy Materials**, 2, 4821-4832. (▲:60; SCI; IF:5.5 at 2024; Ranking:135/460=29.3% in Materials Science, Multidisciplinary)

## 2018-

39. Ming-Chung Wu\*, Po-Yeh Wu, [Ting-Han Lin](#), and Tz-Feng Lin, "Photocatalytic Performance of Cu-Doped TiO<sub>2</sub> Nanofibers Treated by the Hydrothermal Synthesis and Air-Thermal Treatment", **2018, Applied Surface Science**, 430, 390-398. (▲:92; SCI; IF:6.9 at 2024; Ranking:3/23=13.0% in Materials Science, Coatings & Films)
40. Ming-Chung Wu\*, Ming-Pin Lin, [Ting-Han Lin](#), and Wei-Fang Su, "Ag/SiO<sub>2</sub> Surface-Enhanced Raman Scattering Substrate for Plasticizer Detection", **2018, Japanese Journal of Applied Physics**, 57, 04FM07. (▲:9; SCI; IF:1.8 at 2024; Ranking:138/187=73.8% in Physics, Applied)

## 2017-

41. Ming-Chung Wu\*, Ching-Hsiang Chen, Wei-Kang Huang, Kai-Chi Hsiao, [Ting-Han Lin](#), Shun-Hsiang Chan, Po-Yeh Wu, Chun-Fu Lu, Yin-Hsuan Chang, Tz-Feng Lin, Kai-Hsiang Hsu, Jen-Fu Hsu, Kun-Mu Lee, Jing-Jong Shyue, Krisztian Kordas, and Wei-Fang Su, "Improved Solar-Driven Photocatalytic Performance of Highly Crystalline Hydrogenated TiO<sub>2</sub> Nanofibers with Core-Shell Structure", **2017, Scientific Reports**, 7, 40896. (▲:52; SCI; IF:3.9 at 2024; Ranking:25/135=18.5% in Multidisciplinary Science)
42. Kun-Mu Lee\*, Chuan-Jung Lin, Yin-Hsuan Chang, [Ting-Han Lin](#), Vembu Suryanarayanan, and Ming-Chung Wu\*, "The Effect of Post-Baking Temperature and Thickness of ZnO Electron Transport Layer for Efficient Planar Heterojunction Organometal-Trihalide Perovskite Solar Cells", **2017, Coatings**, 7, 215-226. (▲:7; SCI; IF:2.8 at 2024; Ranking:87/187=46.5% in Physics, Applied)
43. Ming-Chung Wu\*, Yin-Hsuan Chang, and [Ting-Han Lin](#), "Bismuth Doping Effect on Crystal Structure and Photodegradation Activity of Bi-TiO<sub>2</sub> Nanoparticles", **2017, Japanese Journal of Applied Physics**, 56, 04CJ01. (▲:3; SCI; IF:1.8 at 2024; Ranking:138/187=73.8% in Physics, Applied)

44. Ming-Chung Wu\*, [Ting-Han Lin](#), Jyun-Sian Chih, Kai-Chi Hsiao, and Po-Yeh Wu, "Niobium Doping Induced Morphological Changes and Enhanced Photocatalytic Performance of Anatase TiO<sub>2</sub>", **2017, *Japanese Journal of Applied Physics***, 56, 04CP07. (▲:14; SCI; IF:1.8 at 2024; Ranking:138/187=73.8% in Physics, Applied)

#### 2016-

45. Ming-Chung Wu\*, Wei-Cheng Chen, [Ting-Han Lin](#), Kai-Chi Hsiao, Kun-Mu Lee\*, and Chun-Guey Wu\*, "Enhanced Open-Circuit Voltage of Dye-Sensitized Solar Cells Using Bi-Doped TiO<sub>2</sub> Nanofibers as Working Electrode and Scattering Layer", **2016, *Solar Energy***, 135, 22-28. (▲:23; SCI; IF:6.6 at 2024; Ranking:51/182=28.0% in Energy & Fuels)

#### 2015-

46. Ming-Chung Wu\*, Shun-Hsiang Chan, and [Ting-Han Lin](#), "Fabrication and Photocatalytic Performance of Electrospun PVA/Silk/TiO<sub>2</sub> Nanocomposite Textile", **2015, *Functional Materials Letters***, 8, 1540013. (▲:14; SCI; IF:1.1 at 2024; Ranking:393/460=85.4% in Materials Science, Multidisciplinary)

#### 2014

47. Ming-Chung Wu\*, Hseuh-Chung Liao, Yu-Cheng Cho, Che-Pu Hsu, [Ting-Han Lin](#), Wei-Fang Su, Andras Sapi, Akos Kukovecz, Zoltan Konya, Andrey Shchukarev, Anjana Sarkar, William Larsson, Jyri-Pekka Mikkola, Melinda Mohl, Geza Toth, Heli Jantunen, Anna Valtanen, Mika Huuhtanen, Riitta L. Keiski, and Krisztian Kordas, "Photocatalytic Activity of Nitrogen Doped TiO<sub>2</sub>-Based Nanowires: A Photo-Assisted Kelvin Probe Force Microscopy Study", **2014, *Journal of Nanoparticle Research***, 16, 1-11. (▲:13; SCI; IF:2.6 at 2024; Ranking:118/239=49.4% in Chemistry, Multidisciplinary)