

Dr. Ting-Han Lin of Chang Gung University (Update 2024/10/21)

International Conference Papers List

2024-

1. Kuo-Ping Chiang, Jia-Mao Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "Novel Nanoscale Silver Bismuth Iodide Co-Catalysts on Titanium Dioxide Nanofibers for Enhanced Photocatalytic CO₂ Reduction", **2024 SDSE 2nd International Conference on Smart Devices and Sustainable Energy (SDSE 2024)**, Oct. 16-18, New Taipei, Taiwan.
2. Hong-Yi Lin, Shu-Chi Lu, Kai-Chi Hsiao, [Ting-Han Lin](#), and Ming-Chung Wu*, "Strategic Passivation of Perovskite Layer Interfaces Using Multiple Functional Groups to Enhance Photovoltaic Performance", **2024 SDSE 2nd International Conference on Smart Devices and Sustainable Energy (SDSE 2024)**, Oct. 16-18, New Taipei, Taiwan. **(Honorable Mentions)**
3. Jia-Mao Chang, [Ting-Han Lin](#), Yin-Hsuan Chang, and Ming-Chung Wu*, "Synergistic CO₂-to-CH₄ Conversion via Photothermal and Photocatalytic Integration of Topological Bi₂Ses and ZnInS Photocatalysts", **2024 SDSE 2nd International Conference on Smart Devices and Sustainable Energy (SDSE 2024)**, Oct. 16-18, New Taipei, Taiwan. **(Honorable Mentions)**
4. Yen-Chang Chen, [Ting-Han Lin](#), Jia-Mao Chang, Kuo-Ping Chiang, and Ming-Chung Wu*, "Construction of BaTiO/Ag-Doped TiO₂ Heterostructures to Enhance Carbon Dioxide Reduction Reaction via Synergistic Piezo-Photocatalysis", **2024 SDSE 2nd International Conference on Smart Devices and Sustainable Energy (SDSE 2024)**, Oct. 16-18, New Taipei, Taiwan. **(Second Award)**
5. Hao-Yun Yu, Ting-Hung Hsieh, Yin-Hsuan Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "Advanced Fibrous Sensing Materials for Non-Invasive Detection of Acetone Vapor and CO₂ Gas via Electrospinning Technique", **2024 SDSE 2nd International Conference on Smart Devices and Sustainable Energy (SDSE 2024)**, Oct. 16-18, New Taipei, Taiwan.
6. Yin-Hsuan Chang, Ciao-Yun Huang, [Ting-Han Lin](#), Jia-Mao Chang, and Ming-Chung Wu*, "Single-Atom Platinum Anchored Graphitic Carbon Nitride Nanosheets for Photoreforming Plastic to Hydrogen", **2024 JSAP The 85th Japan Society of Applied Physics Autumn Meeting (JSAP 2024)**, Sep. 16-20, Niigata, Japan. **(Oral Presentation)**
7. Kuo-Ping Chiang, Jia-Mao Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "Novel Nanoscale Silver Bismuth Iodide Co-Catalyst on Titanium Dioxide Nanofibers for Enhanced Photocatalytic CO₂ Reduction", **2024 JSAP The 85th Japan Society of Applied Physics Autumn Meeting (JSAP 2024)**, Sep. 16-20, Niigata, Japan.
8. Yen-Chang Chen, [Ting-Han Lin](#), Kuo-Ping Chiang, Jia-Mao Chang, and Ming-Chung Wu*, "Boosting CO₂ Reduction Reaction via Synergistic Photo-Piezocatalysis in Ag-Doped BaTiO₃/TiO₂ Heterostructures", **2024 JSAP The 85th Japan Society of Applied Physics Autumn Meeting (JSAP 2024)**, Sep. 16-20, Niigata, Japan. **(Oral Presentation)**
9. Tzu-Chuan Yang, Tzu-Wei Hsu, [Ting-Han Lin](#), Ming-Chung Wu, and Jer-Chi Wang*, "High Efficient Piezoelectric Nanogenerators with TiO₂-NFs-Doped P(VDF-TrFE) Copolymers via Ultraviolet Thermal Annealing", **2024 JSAP The 85th Japan Society of Applied Physics Autumn Meeting (JSAP 2024)**, Sep. 16-20, Niigata, Japan. **(Oral Presentation)**
10. Yin-Hsuan Chang, [Ting-Han Lin](#), Kai-Chi Hsiao, Jia-Mao Chang, Ying-Han Liao, and Ming-Chung Wu*, "Surface-Enhanced Raman Scattering Detection Platform by Using Self-Precipitation Au Nanoparticles on TiO₂ Nanofibers", **2024 E-MRS European Materials Research Society Spring Meeting (E-MRS 2024)**, May. 27-31, Strasbourg, France.

11. Ming-Chung Wu*, Shih-Hsuan Chen, Shun-Hsiang Chan, Yuan-Yu Chiu, [Ting-Han Lin](#), Yin-Hsuan Chang, Ying-Han Liao, and Ku-Mun Lee*, "Lead-Reduced Halide Perovskite Solar Cells-Predicting the Quality of Photovoltaic Materials with Photo-Assisted Kelvin Probe Force System", **2024 IC ME&D he 34th International Conference on Molecular Electronics and Devices (IC ME&D 2024)**, May. 9-10, Pohang, Korea.
12. Yin-Hsuan Chang, [Ting-Han Lin](#), Kai-Chi Hsiao, Jia-Mao Chang, and Ming-Chung Wu*, "A Facile Platform for Surface-Enhanced Raman Scattering Detection by Self-Precipitation Au Nanoparticles on TiO₂ Nanofibers", **2024 JSAP The 71th Japan Society of Applied Physics Spring Meeting (JSAP 2024)**, Mar. 22-25, Tokyo, Japan. **(Oral Presentation)**
13. Ze-Han Wu, Jia-Mao Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "Construction of 2D/2D Bi₂Se₃/SBI Topological Heterostructure for Photocatalytic Degradation of Organic Pollutants", **2024 JSAP The 71th Japan Society of Applied Physics Spring Meeting (JSAP 2024)**, Mar. 22-25, Tokyo, Japan.
14. Wei-Zhe Lin, Kai-Chi Hsiao, [Ting-Han Lin](#), Kuo-Ping Chiang, and Ming-Chung Wu*, "Development of Heat-Resistant Naphthalene-Based Epoxy Resin with Ag-TiO₂ Nanocomposite for Enhanced Surface Hydrophilicity in Coatings", **2024 JSAP The 71th Japan Society of Applied Physics Spring Meeting (JSAP 2024)**, Mar. 22-25, Tokyo, Japan.
15. Hong-Yi Lin, Kai-Chi Hsiao, [Ting-Han Lin](#), and Ming-Chung Wu*, "Enhancing the Power Conversion Efficiency of Perovskite Solar Cells through A Chelating Molecules-Based Strategy", **2024 JSAP The 71th Japan Society of Applied Physics Spring Meeting (JSAP 2024)**, Mar. 22-25, Tokyo, Japan. **(Oral Presentation)**
16. Yen-Chang Chen, [Ting-Han Lin](#), Jia-Mao Chang, and Ming-Chung Wu*, "Enhanced Photo-Piezocatalytic Performance through Synergistic Effects for Silver-Modified BaTiO₃/TiO₂ Heterostructure", **2024 JSAP The 71th Japan Society of Applied Physics Spring Meeting (JSAP 2024)**, Mar. 22-25, Tokyo, Japan. **(Poster Award)**

2023-

17. Ming-Chung Wu*, Kai-Chi Hsiao, Yin-Hsuan Chang, Jia-Mao Chang, and [Ting-Han Lin](#), "Characterization of Ag₃BiI₆ Rudorffite Absorber for Ambient-Air-Stable, Lead-Free, and Efficiency Solar Cells through Scanning Analyzer", **2023 MRS Materials Research Society Fall Meeting & Exhibit (MRS 2023)**, Nov. 26-Dec. 1, Boston, Massachusetts, United States of America.
18. Ming-Chung Wu*, Yin-Hsuan Chang, Yi-Jing Lu, Kai-Chi Hsiao, [Ting-Han Lin](#), Jia-Mao Chang, and Ying-Han Liao, "Optimizing CO₂ Photoreduction in Freestanding Silver Bismuth Iodide/Nanocellulose Films through Incident Light Modulation and Integration of Gold Nanoparticles", **2023 MRS Materials Research Society Fall Meeting & Exhibit (MRS 2023)**, Nov. 26-Dec. 1, Boston, Massachusetts, United States of America.
19. [Ting-Han Lin](#), Jia-Mao Chang, Yi-Lin Wang, Kai-Chi Hsiao, Kun-Mu Lee, and Ming-Chung Wu*, "Exploring Photo-Piezocatalysis in Heterostructured Barium Titanate and Titanium Dioxide: Insights from Photo-Triggered Contact Potential Differences", **2023 MRS Materials Research Society Fall Meeting & Exhibit (MRS 2023)**, Nov. 26-Dec. 1, Boston, Massachusetts, United States of America.
20. Yin-Hsuan Chang, Rei-Yang Li, Ying-Han Liao, [Ting-Han Lin](#), and Ming-Chung Wu*, "Machine Learning-Based Prediction of Crystal Structure Proportions in Ag-TiO₂ Nanofibers for Enhanced Photocatalytic Activity", **2023 MRS Materials Research Society Fall Meeting & Exhibit (MRS 2023)**, Nov. 26-Dec. 1, Boston, Massachusetts, United States of America.

21. Jia-Mao Chang, [Ting-Han Lin](#), Yin-Hsuan Chang, Kai-Chi Hsiao, and Ming-Chung Wu*, "Gas-Solid Phase Reaction-Driven CO₂ Reduction: Exploring the Photocatalytic Potential of Silver-Bismuth-Iodide Rudorffite", **2023 MRS Materials Research Society Fall Meeting & Exhibit (MRS 2023)**, Nov. 26-Dec. 1, Boston, Massachusetts, United States of America.
22. Yu-Chi Peng, Kuo-Ping Chiang, Yen-Chang Chen, Jia-Mao Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "Enhanced Solar-Driven Photocatalytic Hydrogen Production through Incorporation of ZnIn₂S₄ with BaTiO₃ Piezocatalyst", **2023 MRSTIC Materials Research Society-Taiwan International Conference (MRSTIC 2023)**, Nov. 17-20, Hsinchu, Taiwan.
23. Yen-Chang Chen, Jia-Mao Chang, [Ting-Han Lin](#), Yi-Lin Wang, and Ming-Chung Wu*, "Construction of BaTiO₃/TiO₂ Heterostructures through Varied TiO₂ Templates for Enhanced Piezocatalytic Performance", **2023 MRSTIC Materials Research Society-Taiwan International Conference (MRSTIC 2023)**, Nov. 17-20, Hsinchu, Taiwan.
24. Ying-Han Liao, Kai-Chi Hsiao, Ching-Mei Ho, [Ting-Han Lin](#), Shih-Hsuan Chen, Yin-Hsuan Chang, Jao-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", **2023 PVSEC-34 The 34th International Photovoltaic Science and Engineering Conference (PVSEC-34 2023)**, Nov. 6-10, Shenzhen, China.
25. Yin-Hsuan Chang, Ting-Hung Hsieh, Kai-Chi Hsiao, [Ting-Han Lin](#), Ming-Chung Wu*, and Kai-Hsiang Hsu*, "Electrospun Nanocomposite Fibers for Exhaled Breath Biomarker Detection", **2023 IEDMS International Electron Devices & Materials Symposium (IEDMS 2023)**, Oct. 19-20, Kaohsiung, Taiwan.
26. Yin-Hsuan Chang, [Ting-Han Lin](#), Kai-Chi Hsiao, Jao-Mao Chang, and Ming-Chung Wu*, "Self-Precipitation Au Nanoparticles on TiO₂ Nanofibers for Surface-Enhanced Raman Scattering Detection", **2023 IEDMS International Electron Devices & Materials Symposium (IEDMS 2023)**, Oct. 19-20, Kaohsiung, Taiwan.
27. Ming-Chung Wu*, Yin-Hsuan Chang, Yi-Jing Lu, Kai-Chi Hsiao, and [Ting-Han Lin](#), "Enhancing CO₂ Photoreduction via Incident Light Modulation in Silver Bismuth Iodide/Nanocellulose Films and the Integration of Gold Nanoparticles", **2023 JSAP The 84th Japan Society of Applied Physics Autumn Meeting (JSAP 2023)**, Sep. 19-23, Kumamoto, Japan.
28. Yin-Hsuan Chang, [Ting-Han Lin](#), Kai-Chi Hsiao, Jia-Mao Chang, and Ming-Chung Wu*, "Surface Self-Precipitation Au Nanoparticles on TiO₂ Nanofibers for Surface-Enhanced Raman Scattering Detection of Environmental Hazards", **2023 JSAP The 84th Japan Society of Applied Physics Autumn Meeting (JSAP 2023)**, Sep. 19-23, Kumamoto, Japan.
29. Jia-Mao Chang, [Ting-Han Lin](#), Yin-Hsuan Chang, Kai-Chi Hsiao, and Ming-Chung Wu*, "Exploring Photo-Piezocatalysis in Heterostructured Barium Titanate and Titanium Dioxide: Insights from Photo-Triggered Contact Potential Differences", **2023 JSAP The 84th Japan Society of Applied Physics Autumn Meeting (JSAP 2023)**, Sep. 19-23, Kumamoto, Japan. **(Oral Presentation)**
30. [Ting-Han Lin](#), Kuo-Ping Chiang, Jia-Mao Chang, Kun-Mu Lee, and Ming-Chung Wu*, "Multidimensional Ternary Heterostructured Self-Precipitated Ag Nanoparticles on TiO₂@SrTiO₃ for Photoreforming of Plastics Face Mask to Hydrogen", **2023 MRS Materials Research Society Spring Meeting & Exhibit (MRS 2023)**, Apr. 10-15, San Francisco, California, United States of America.
31. Kai-Chi Hsiao, [Ting-Han Lin](#), Wei-Fang Su, and Ming-Chung Wu*, "Chloride Gradient Renders Carrier Extraction of Hole for High V_{oc} and Efficient Inverted Organometal Halide Perovskite Solar Cell", **2023 MRS Materials Research Society Spring Meeting & Exhibit (MRS 2023)**, Apr. 10-15, San Francisco, California, United States of America.

32. Yin-Hsuan Chang, Ting-Hung Hsieh, Kai-Chi Hsiao, [Ting-Han Lin](#), and Ming-Chung Wu*, "Electrospun Sensing Materials for Monitoring Exhaled Diabetes Biomarker", **2023 JSAP The 70th Japan Society of Applied Physics Spring Meeting (JSAP 2023)**, Mar. 15-18, Tokyo, Japan. **(Oral Presentation)**
33. Jia-Mao Chang, [Ting-Han Lin](#), Yin-Hsuan Chang, and Ming-Chung Wu*, "Silver Bismuth Iodide Rudorffite for Photocatalytic CO₂ Reduction", **2023 JSAP The 70th Japan Society of Applied Physics Spring Meeting (JSAP 2023)**, Mar. 15-18, Tokyo, Japan. **(Oral Presentation)**
34. Ting-Hung Hsieh, Kai-Chi Hsiao, [Ting-Han Lin](#), Yin-Hsuan Chang, and Ming-Chung Wu*, "Electrospun Ag/PVP/PMMA Porous Nanofibers for Monitoring Exhaled Diabetes Biomarker", **2023 JSAP The 70th Japan Society of Applied Physics Spring Meeting (JSAP 2023)**, Mar. 15-18, Tokyo, Japan.
35. Yi-Lin Wang, Jia-Mao Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "BaTiO₃/TiO₂ Nanocomposite for Piezo-Photocatalytic Wastewater Treatment", **2023 JSAP The 70th Japan Society of Applied Physics Spring Meeting (JSAP 2023)**, Mar. 15-18, Tokyo, Japan.

2021-

36. Jia-Mao Chang, [Ting-Han Lin](#), Kou-Ping Chiang, and Ming-Chung Wu*, "Vapor-Assisted Synthesis of Novel Silver Bismuth Iodide Crystal for Efficient Photocatalytic CO₂ Reduction", **2021 IEDMS International Electron Devices & Materials Symposium (IEDMS 2021)**, Nov. 18-19, Kaohsiung, Taiwan.
37. Tien-Hao Chen, [Ting-Han Lin](#), and Ming-Chung Wu*, "Synthesis of Sulfur-Vacancy Defects on SnS₂/Carbonized CNF Nanocomposite Film for Photocatalytic Application", **2021 IEDMS International Electron Devices & Materials Symposium (IEDMS 2021)**, Nov. 18-19, Kaohsiung, Taiwan.
38. Kou-Ping Chiang, [Ting-Han Lin](#), Yin-Hsuan Chang, Jia-Mao Chang, Kai-Chi Hsiao, and Ming-Chung Wu*, "Enhanced Photocatalytic CO₂ Reduction Activity of Silver-Bismuth Iodide Decorated TiO₂ NFs by Chemical Vapor Deposition", **2021 MRSTIC Materials Research Society-Taiwan International Conference (MRSTIC 2021)**, Nov. 13-17, Virtual Conference.
39. Jia-Mao Chang, [Ting-Han Lin](#), Kou-Ping Chiang, and Ming-Chung Wu*, "Manipulating the Microstructure of Novel Silver Bismuth Iodide Crystal for Efficient Photocatalytic CO₂ Reduction", **2021 MRSTIC Materials Research Society-Taiwan International Conference (MRSTIC 2021)**, Nov. 13-17, Virtual Conference.
40. Ting-Hun Hsieh, Yin-Hsuan Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "Ultra-Sensitive Breath Acetone Detection by Polymer Nanocomposite Sensing Material for Non-Invasive Diabetics Health Monitoring", **2021 MRSTIC Materials Research Society-Taiwan International Conference (MRSTIC 2021)**, Nov. 13-17, Virtual Conference. **(First Prize)**

2020-

41. [Ting-Han Lin](#), Duy Linh Vu, Ming-Chung Wu*, and Chao-Sung Lai, "Using Electrospun PANI/P3TI/PMMA Fibers for Highly-Sensitive Detection of Volatile Organic Compounds Vapor", **2020 ICSS International Conference on Smart Sensors, 25th Symposium of Association of Chemical Sensors in Taiwan, and 23rd Nano Engineering and Microsystem Technology Conference (ICSS 2020)**, Oct. 19-20, Kaohsiung, Taiwan. **(Oral Presentation) (Best Oral Paper Award)**
42. Yin-Hsuan Chang, [Ting-Han Lin](#), Yu-Han Liao, and Ming-Chung Wu*, "Efficient Removal of Organic Pollutants with Reusable Cellulose Nanofiber/Titanium Dioxide Nanofiber Composite Film", **2020 IEDMS International Electron Devices & Materials Symposium (IEDMS 2020)**, Oct. 15-16, Taoyuan, Taiwan.
43. [Ting-Han Lin](#), Yin-Hsuan Chang, Ching-Ting Chiu, and Ming-Chung Wu*, "Construction of 2D/1D g-C₃N₄/TiO₂ with Z-Scheme Heterostructure for Efficient Water Splitting", **2020 CCE IV International Conference on Catalysis and Chemical Engineering (CCE 2020)**, Feb. 24-26, Los Angeles, California, United States of America. **(Oral Presentation)**

44. Yin-Hsuan Chang, [Ting-Han Lin](#), Yu-Han Liao, Ying-Han Liao, and Ming-Chung Wu*, "Cellulose Nanofiber/Titanium Dioxide Nanowire Film for Reusable Organic Pollutant Photodegradation", **2020 CCE IV International Conference on Catalysis and Chemical Engineering (CCE 2020)**, Feb. 24-26, Los Angeles, California, United States of America. **(Oral Presentation)**

2019-

45. [Ting-Han Lin](#), Yu-Han Liao, Yin-Hsuan Chang, Ying-Han Liao, and Ming-Chung Wu*, "Hierarchically Cellulose Nanofiber/Titanium Dioxide Nanowire Film with Morphological Matching Forreusable Organic Pollutant Photodegradation", **2019 MRS Materials Research Society Fall Meeting & Exhibit (MRS 2019)**, Dec. 1-6, Boston, Massachusetts, United States of America.
46. Chi-Hung Lin, Ming-Chung Wu*, Tz-Feng Lin, Shun-Hsiang Chan, [Ting-Han Lin](#), 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 MRS Materials Research Society Fall Meeting & Exhibit (MRS 2019)**, Dec. 1-6, Boston, Massachusetts, United States of America.
47. [Ting-Han Lin](#), Yu-Han Liao, Yin-Hsuan Chang, and Ming-Chung Wu*, "Hierarchically Cellulose Nanofiber/TiO₂ Nanofiber Composite Film for The Reusable Organic Pollutant Photodegradation", **2019 APAM The Congress of Asia Pacific Academy of Materials (APAM 2019)**, Nov. 15-18, Guangzhou, China. **(Oral Presentation)**
48. Yin-Hsuan Chang, Chi-Hung Lin, Tz-Feng Lin, Shun-Hsiang Chan, [Ting-Han Lin](#), Kai Wang, Chao-Sung Lai, and Ming-Chung Wu*, "Efficient Polarization-Selective CdSe-CdS/PMMA Sensing Material for Detection of Volatile Organic Compounds Detection", **2019 APAM The Congress of Asia Pacific Academy of Materials (APAM 2019)**, Nov. 15-18, Guangzhou, China.
49. Chi-Hung Lin, [Ting-Han Lin](#), Shun-Hsiang Chan, Yin-Hsuan Chang, Tz-Feng Lin, Ziming Zhou, Kai Wang, Chao-Sung Lai, and Ming-Chung Wu*, "Highly Sensitive Freestanding Ag/CdSe-CdS/PMMA Sensors for Volatile Organic Compounds Detection", **2019 FAPS The 6th Federation of Asian Polymer Societies Polymer Congress (FAPS 2019)**, Oct. 27-30, Taipei, Taiwan.
50. Chi-Hung Lin, [Ting-Han Lin](#), Ching-Ting Chiu, and Ming-Chung Wu*, "Construction Of 2D/1D g-C₃N₄/TiO₂ with Z-Scheme Heterostructure of Efficient Water Splitting", **2019 3rd International Workshop on Graphene and C₃N₄-based Photocatalysts (IWGCP3 2019)**, Mar. 23-26, Wuhan, China. **(Excellent Poster Award)**
51. [Ting-Han Lin](#), Ying-Han Liao, Yin-Hsuan Chang, and Ming-Chung Wu*, "Sn Doping Effect on Crystal Structure of TiO₂ Electron Extraction Layer for Organometal Halide Perovskite Solar Cells", **2019 3rd International Workshop on Graphene and C₃N₄-based Photocatalysts (IWGCP3 2019)**, Mar. 23-26, Wuhan, China.

2018-

52. Yin-Hsuan Chang, [Ting-Han Lin](#), Kuo-Ping Chiang, and Ming-Chung Wu*, "Magnetic Separable Fe₃O₄/Ag/TiO₂ Nanofibers for Removal of Hexavalent Chromium", **2018 IUMRS-ICA The 19th International Union of Materials Research Societies International Conference in Asia (IUMRS-ICA 2018)**, Oct. 31- Nov. 04, Bali, Indonesia. **(Oral Presentation)**
53. [Ting-Han Lin](#), Kuo-Ping Chiang, and Ming-Chung Wu*, "One-Pot Synthesis of Silver Oxide Nanoparticles Loaded TiO₂ Nanofibers and Its Synergistic Effect on Visible-Driven Photocatalytic Activity", **2018 Chinese Symposium on Photocatalytic Materials (2018 CSPM1)**, July 26-29, Wuhan, China. **(Excellent Poster Award)**
54. Yin-Hsuan Chang, [Ting-Han Lin](#), Kuo-Ping Chiang, and Ming-Chung Wu*, "Recyclable Magnetic Fe₃O₄/Ag/TiO₂ Photocatalyst for Removing Hexavalent Chromium", **2018 Chinese Symposium on Photocatalytic Materials (2018 CSPM1)**, July 26-29, Wuhan, China. **(Excellent Poster Award)**

55. Yu-Han Liao, [Ting-Han Lin](#), Kou-Ping Chiang, and Ming-Chung Wu*, "Preparation and Photocatalytic Performance of TiO₂/Cellulose Nanofibers Composite Film", **2018 The 6th International Conference on the Characterization and Control of Interfaces for High Quality Advanced Materials (2018 ICCCI)**, July 9-12, Kurashiki, Japan. **(Oral Presentation)**
56. Kou-Ping Chiang, Po-Yeh Wu, Yin-Hsuan Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "Enhanced Sunlight Photocatalytic Activity of Silver-Doped Titanium Dioxide Nanofiber", **2018 The 6th International Conference on the Characterization and Control of Interfaces for High Quality Advanced Materials (2018 ICCCI)**, July 9-12, Kurashiki, Japan.
57. [Ting-Han Lin](#), Po-Yeh Wu, Yin-Hsuan Chang, and Ming-Chung Wu*, "High Photocatalytic Ag/TiO₂ Nanofibers Prepared by Hydrothermal and a Simple Annealing Process in Air", **2018 AEMC European Advanced Energy Materials and Technology Congress (AEMC 2018)**, Mar. 25-28, Stockholm, Sweden. **(Oral Presentation)** **【106-2221-E-182-057-MY3】**

2017-

58. [Ting-Han Lin](#), Po-Yeh Wu, Yin-Hsuan Chang, and Ming-Chung Wu*, "High Photocatalytic Performance of Ag-TiO₂ Nanofibers Prepared by Combining the Hydrothermal Synthesis and Simple Heat-Treatment in Air Atmosphere", **2017 MRS Materials Research Society Fall Meeting & Exhibit (MRS 2017)**, Nov. 26-Dec. 1, Boston, Massachusetts, United States of America.
59. [Ting-Han Lin](#), Ming-Pin Lin, Wei-Fang Su, and Ming-Chung Wu*, "Ag/SiO₂ Surface-Enhanced Raman Scattering Substrate Detection in Plasticizer", **2017 SSDM International Conference on Solid State Devices and Materials (SSDM 2017)**, Sep. 19-22, Sendai, Japan. **(Oral Presentation)** **【105-2221-E-182-011-】**
60. Yu-Han Liao, [Ting-Han Lin](#), Kou-Ping Chiang, Ming-Chung Wu*, Ya-Wen Cheng, Chien-Hui Wu, Yu-Chen Chen, Po-Min Chen, and Wan-Tun Hung, "Highly Transparent Cellulose Nanofiber Flexible Substrate", **2017 IEMDS International Electron Devices & Materials Symposium (IEMDS 2017)**, Sep. 6-8, Hsinchu, Taiwan.
61. [Ting-Han Lin](#), Yu-Han Liao, Kou-Ping Chiang, Ming-Chung Wu*, Ya-Wen Cheng, Chien-Hui Wu, Yu-Chen Chen, Po-Min Chen, and Wan-Tun Hung, "Fabrication and Characteristics of TiO₂ NFs/Cellulose NFs Composite Film", **2017 JSAP The 78th Japan Society of Applied Physics Autumn Meeting (JSAP 2017)**, Sep. 5-8, Fukuoka, Japan. **(Oral Presentation)**
62. Yin-Hsuan Chang, [Ting-Han Lin](#), Po-Yeh Wu, and Ming-Chung Wu*, "High Photocatalytic Performance of Silver Doped Titanium Dioxide Nanofibers", **2017 JSAP The 78th Japan Society of Applied Physics Autumn Meeting (JSAP 2017)**, Sep. 5-8, Fukuoka, Japan. **(Oral Presentation)**
63. [Ting-Han Lin](#), Po-Yeh Wu, Yin-Hsuan Chang, and Ming-Chung Wu*, "High Photocatalytic Performance of Ag/TiO₂ Nanofibers: Photodegradation of Organic Dye and Photocatalytic H₂ Generation", **2017 IWGCP2 2nd International Workshop on Graphene and C₃N₄-Based Photocatalysts (IWGCP2 2017)**, Mar. 24-27, Wuhan, China. **(Best Poster Award)**
64. Kou-Ping Chiang, Po-Yeh Wu, Yin-Hsuan Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "Copper Doping Effects on Photocatalytic Properties of TiO₂ NFs", **2017 IWGCP2 2nd International Workshop on Graphene and C₃N₄-Based Photocatalysts (IWGCP2 2017)**, Mar. 24-27, Wuhan, China.
65. Yu-Han Liao, Po-Yeh Wu, [Ting-Han Lin](#), and Ming-Chung Wu*, "Visible Light Active Silver-Ion Doped TiO₂ Photocatalyst", **2017 SICEAS Seoul International Conference on Engineering and Applied Sciences (SICEAS 2017)**, Feb. 7-9, Seoul, Korea. **(Oral Presentation)** **【NERPD2F0021(MOST105-2221-E-182-011)】**

66. Yin-Hsuan Chang, [Ting-Han Lin](#), and Ming-Chung Wu*, "Bismuth Doping Effect on Crystal Structure and Photocatalytic Activity of Bismuth-TiO₂ Nanoparticles", **2017 SICEAS Seoul International Conference on Engineering and Applied Sciences (SICEAS 2017)**, Feb. 7-9, Seoul, Korea. (Oral Presentation). **【NERPD2F0021(MOST105-2221-E-182-011)】**

2016-

67. [Ting-Han Lin](#), Kai-Chi Hsiao, Jyun-Sian Chih, Po-Yeh Wu, Tz-Feng Lin, and Ming-Chung Wu*, "Photocatalytic Performance of Multi-Morphological Nb-doped TiO₂ Nanofibers", **2016 International Conference on Solid State Devices and Material (SSDM 2016)**, Sep. 26-29, Tsukuba, Japan. **【NERPD2F0021(MOST105-2221-E-182-011) 、QCRPD602】**
68. Yin-Hsuan Chang, Kai-Chi Hsiao, [Ting-Han Lin](#), Po-Yeh Wu, Yu-Kai Tseng, Tz-Feng Lin, and Ming-Chung Wu*, "Bismuth Doping Effect on Structural and Photocatalytic Activity of Bi-Doped TiO₂ Nanoparticles", **2016 International Conference on Solid State Devices and Material (SSDM 2016)**, Sep. 26-29, Tsukuba, Japan. **【NERPD2F0021(MOST105-2221-E-182-011) 、QCRPD602】**
69. Ming-Chung Wu*, Po-Yeh Wu, Ching-Hsiang Chen, Wei-Kang Huang, Kai-Chi Hsiao, Shun-Hsiang Chan, [Ting-Han Lin](#), Kun-Mu Lee, and Wei-Fang Su, "Hydrogenated TiO₂ Nanofibers with High Solar-Light-Assisted Photocatalytic Performance", **5th International Solvothermal and Hydrothermal Association Conference (ISHA 2016)**, Jan. 17-20, Tainan, Taiwan. **【NERPD2D0122(MOST103-2221-E-182-008-MY2)】**
70. Ming-Chung Wu*, Wei-Cheng Chen, Wei-Kang Huang, and [Ting-Han Lin](#), "Photocatalytic Performance of Metal Nanoparticles Decorated Hydrogenated TiO₂ Nanofibers", **5th International Solvothermal and Hydrothermal Association Conference (ISHA 2016)**, Jan. 17-20, Tainan, Taiwan. (Oral Presentation) **【NERPD2D0122(MOST103-2221-E-182-008-MY2)】**

2015-

71. Ming-Chung Wu*, Kai-Chi Hsiao, Po-Yeh Wu, Wei-Kang Huang, and [Ting-Han Lin](#), "Enhanced Visible-Light-Active Photocatalytic Performance of Black TiO₂ Nanoparticles", **2015 World Conference on Innovation, Engineering, and Technology (IET 2015)**, Sep. 8-10, Kyoto, Japan. (Oral Presentation) **【NERPD2D0122(MOST103-2221-E-182-008-MY2)】**
72. Ming-Chung Wu*, Wei-Kang Huang, and [Ting-Han Lin](#), "Photocatalytic Performance of Metal Nanoparticles Decorated Hydrogenated Titanium Dioxide Nanofibers", **2015 World Conference on Innovation, Engineering, and Technology (IET 2015)**, Sep. 8-10, Kyoto, Japan. (Oral Presentation) **【NERPD2D0122(MOST103-2221-E-182-008-MY2)】**
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