



Prof. Jyh-Ming Wu

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Prof. Jyh-Ming Wu is a National Tsing Hua University professor and the Chairmain Tsing Hua College Interdisciplinary Program. He received his Ph.D. from National Tsing Hua University. He was a visiting researcher at UCLA–Chemistry and Biochemistry and visiting scholar in the School of Materials Science and Engineering at Georgia Institute of Technology. His research interests include high entropy oxides synthesis and its catalyst activity, piezoelectric materials, triboelectric nanogenerators, and piezocatalysis and piezophotocatalysis materials. He has published over 100 peer-reviewed articles and owns 10 patents with an h-index of 42. Prof. Jyh-Ming Wu is the pioneer in developing piezocatalysts materials for energy and environmental science applications, which can perform much better than commercial photocatalysis materials. He has recently published the world's first study on piezo-photocatalysts based on a ferroelectric high-entropy oxide in the top 1% (1/192) Environmental Science journal - Applied Catalysis B: Environmental (324, 2023, 122204). In recent five years, he has published several premier journals, such as Advanced Materials, Advanced Energy Materials, Advanced Functional Materials, Applied Catalysis B: Environmental, ACS Nano, and Nano Energy. He was awarded the World's Top 2% Scientists in the field of materials in 2020 and 2021, according to Stanford University's Meta-Research Innovation Center. He has also been awarded to Future Tech Award (Ministry of Science and Technology, MOST), Outstanding research award (MOST), Y. Z. Hsu Science Paper Award Far Eastern, Outstanding Young Research Project (MOST), Taiwan Vacuum Society Young Researcher Award, Ta-You Wu award by MOST, Taiwan.