

# Chih-Kai Liao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Role of Femtosecond Pulsed Laser-Induced Atomic Redistribution in Bimetallic Au@Pd Nanorods on Optoelectronic and Catalytic Properties. ACS Nano, 2021, 15, 10241-10252.	14.6	24
2	Modulating the Optical Band Gap of Small Semiconducting Two-Dimensional Materials by Conjugated Polymers. Langmuir, 2020, 36, 2574-2583.	3.5	7
3	Mechanical Exfoliation Assisted by Molecular Tweezers for Production of Sulfur-Based Semiconducting Two-Dimensional Materials. Industrial & Engineering Chemistry Research, 2019, 58, 14170-14179.	3.7	6
4	Modifying the Band Gap of Semiconducting Two-Dimensional Materials by Polymer Assembly into Different Structures. Langmuir, 2019, 35, 4956-4965.	3.5	5
5	Metal Nanoclusters Modify the Band Gap and Maintain the Ultrathin Nature of Semiconducting Two-Dimensional Materials. Journal of Physical Chemistry C, 2019, 123, 29856-29865.	3.1	3
6	Asymmetric Deposition of Platinum Atoms on Gold Nanorods Reduced the Plasmon Field Distortion Induced by the Substrate. Journal of Physical Chemistry C, 2019, 123, 30509-30518.	3.1	3
7	Electron Doping of Semiconducting MoS <sub>2</sub> Nanosheets by Silver or Gold Nanoclusters. Langmuir, 2022, 38, 4378-4388.	3.5	3
8	Tuning the Optical Band Gap of Two-Dimensional WS <sub>2</sub> Integrated with Gold Nanocubes by Introducing Palladium Nanostructures. Langmuir, 2021, 37, 10720-10731.	3.5	1