

Xiaowei Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Visualization of Active Sites for Plasmon-Induced Electron Transfer Reactions Using Photoelectrochemical Polymerization of Pyrrole. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16051-16058.	1.5	63
2	Active Intermediates in Plasmon-Induced Water Oxidation at Au Nanodimer Structures on a Single Crystal of TiO ₂ . <i>ACS Energy Letters</i> , 2020, 5, 1252-1259.	8.8	28
3	Plasmonic Enhancement of Photoenergy Conversion in the Visible Light Region Using PbS Quantum Dots Coupled with Au Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22092-22101.	1.5	19
4	Electrochemical Fine Tuning of the Plasmonic Properties of Au Lattice Structures. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14162-14167.	1.5	17
5	Interfacial Structure-Modulated Plasmon-Induced Water Oxidation on Strontium Titanate. <i>ACS Applied Energy Materials</i> , 2020, 3, 5675-5683.	2.5	15
6	Plasmon-Accelerated Water Oxidation at Ni-Modified Au Nanodimers on TiO ₂ Single Crystals. <i>ACS Energy Letters</i> , 2021, 6, 4374-4382.	8.8	14
7	Nanoscale control of plasmon-active metal nanodimer structures via electrochemical metal dissolution reaction. <i>Nanotechnology</i> , 2018, 29, 045702.	1.3	10
8	Plasmonic Fields Focused to Molecular Size. <i>ChemNanoMat</i> , 2017, 3, 843-856.	1.5	9
9	Plasmonically enhanced electromotive force of narrow bandgap PbS QD-based photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14818-14827.	1.3	9
10	Electrochemical surface-enhanced Raman scattering measurement on ligand capped PbS quantum dots at gap of Au nanodimer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 197, 244-250.	2.0	8
11	Potential energy shift of the Fermi level at plasmonic structures for light-energy conversion determined by graphene-based Raman measurements. <i>Journal of Chemical Physics</i> , 2020, 152, 124702.	1.2	6
12	Photoelectrochemical Formation of Polysulfide at PbS QD-Sensitized Plasmonic Electrodes. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5357-5363.	2.1	5
13	Surface-Enhanced Raman Spectroscopy for the Characterization of Semiconductor Nanostructure Surfaces. <i>ACS Symposium Series</i> , 2016, , 163-180.	0.5	2
14	Thermal Effect on Plasmon-induced Electron Transfer System under Intense Pulsed Laser Illumination. <i>Chemistry Letters</i> , 2018, 47, 953-955.	0.7	2
15	Plasmon active site for nanosized polymerization. , 2017, , .		0