

Xiaowei Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

146
citations

7
h-index

12
g-index

15
ext. papers

178
ext. citations

5.9
avg, IF

2.87
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 14 | 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 | 20.1 | 19 |
| 13 | Interfacial Structure-Modulated Plasmon-Induced Water Oxidation on Strontium Titanate. <i>ACS Applied Energy Materials</i> , 2020 , 3, 5675-5683 | 6.1 | 7 |
| 12 | 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 | 3.9 | 6 |
| 11 | Photoelectrochemical Formation of Polysulfide at PbS QD-Sensitized Plasmonic Electrodes. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 5357-5363 | 6.4 | 1 |
| 10 | Nanoscale control of plasmon-active metal nanodimer structures via electrochemical metal dissolution reaction. <i>Nanotechnology</i> , 2018 , 29, 045702 | 3.4 | 6 |
| 9 | Electrochemical Fine Tuning of the Plasmonic Properties of Au Lattice Structures. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 14162-14167 | 3.8 | 14 |
| 8 | Plasmonically enhanced electromotive force of narrow bandgap PbS QD-based photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 14818-14827 | 3.6 | 8 |
| 7 | 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 | 4.4 | 7 |
| 6 | Thermal Effect on Plasmon-induced Electron Transfer System under Intense Pulsed Laser Illumination. <i>Chemistry Letters</i> , 2018 , 47, 953-955 | 1.7 | 1 |
| 5 | Plasmonic Fields Focused to Molecular Size. <i>ChemNanoMat</i> , 2017 , 3, 843-856 | 3.5 | 8 |
| 4 | Surface-Enhanced Raman Spectroscopy for the Characterization of Semiconductor Nanostructure Surfaces. <i>ACS Symposium Series</i> , 2016 , 163-180 | 0.4 | 1 |
| 3 | 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 | 3.8 | 49 |
| 2 | 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 | 3.8 | 16 |
| 1 | Plasmon-Accelerated Water Oxidation at Ni-Modified Au Nanodimers on TiO ₂ Single Crystals. <i>ACS Energy Letters</i> , 4374-4382 | 20.1 | 3 |