

Tyler W Ueltschi

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

163
citations

1307594
7
h-index

1588992
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8
all docs

8
docs citations

8
times ranked

353
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Bioresorbable Microdroplet Lasers as Injectable Systems for Transient Thermal Sensing and Modulation. <i>ACS Nano</i> , 2021, 15, 2327-2339. | 14.6 | 20 |
| 2 | Plasmon-Driven Chemistry in Ferri-/Ferrocyanide Gold Nanoparticle Oligomers: A SERS Study. <i>Journal of the American Chemical Society</i> , 2020, 142, 13120-13129. | 13.7 | 20 |
| 3 | SERS Study of the Mechanism of Plasmon-Driven Hot Electron Transfer between Gold Nanoparticles and PCBM. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29908-29915. | 3.1 | 32 |
| 4 | Spiers Memorial Lecture : Surface-enhanced Raman spectroscopy: from single particle/molecule spectroscopy to Ångstrom-scale spatial resolution and femtosecond time resolution. <i>Faraday Discussions</i> , 2017, 205, 9-30. | 3.2 | 19 |
| 5 | Fabrication of Gold Nanosphere Oligomers for Surface-Enhanced Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 27004-27008. | 3.1 | 19 |
| 6 | Time-Domain Simulations of Transient Species in Experimentally Relevant Environments. <i>Journal of Physical Chemistry A</i> , 2016, 120, 556-561. | 2.5 | 1 |
| 7 | Infrared and Raman Spectroscopy from Ab Initio Molecular Dynamics and Static Normal Mode Analysis: The C-H Region of DMSO as a Case Study. <i>Journal of Physical Chemistry B</i> , 2016, 120, 1429-1436. | 2.6 | 43 |
| 8 | Frequency-Resolved Nanoscale Chemical Imaging of 4,4'-Dimercaptostilbene on Silver. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27525-27530. | 3.1 | 9 |