

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
8
g-index

8
all docs

8
docs citations

8
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Bioresorbable Microdroplet Lasers as Injectable Systems for Transient Thermal Sensing and Modulation. <i>ACS Nano</i> , 2021, 15, 2327-2339.	14.6	20
5	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
6	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
7	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
8	Time-Domain Simulations of Transient Species in Experimentally Relevant Environments. <i>Journal of Physical Chemistry A</i> , 2016, 120, 556-561.	2.5	1