

Kevin T Crampton

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

673
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1029
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing vibrational normal modes of a single molecule with atomically confined light. <i>Nature</i> , 2019, 568, 78-82.	27.8	371
2	Efficient Plasmon-Mediated Energy Funneling to the Surface of Au@Pt Core-Shell Nanocrystals. <i>ACS Nano</i> , 2020, 14, 5061-5074.	14.6	64
3	Ultrafast Coherent Raman Scattering at Plasmonic Nanojunctions. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20943-20953.	3.1	42
4	Tip-Enhanced Raman Scattering from Nanopatterned Graphene and Graphene Oxide. <i>Nano Letters</i> , 2018, 18, 4029-4033.	9.1	32
5	Imaging the Optical Fields of Functionalized Silver Nanowires through Molecular TERS. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 7105-7109.	4.6	26
6	Ion-Selective, Atom-Resolved Imaging of a 2D Cu ₂ N Insulator: Field and Current Driven Tip-Enhanced Raman Spectromicroscopy Using a Molecule-Terminated Tip. <i>ACS Nano</i> , 2019, 13, 6363-6371.	14.6	25
7	Tip-Enhanced Multipolar Raman Scattering. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2464-2469.	4.6	25
8	Junction Plasmon Driven Population Inversion of Molecular Vibrations: A Picosecond Surface-Enhanced Raman Spectroscopy Study. <i>Nano Letters</i> , 2018, 18, 5791-5796.	9.1	23
9	A Closer Look at Corrugated Au Tips. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1915-1920.	4.6	20
10	Direct Visualization of Counter-Propagating Surface Plasmons in Real Space-Time. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5694-5699.	4.6	11
11	Imaging Nanoscale Heterogeneity in Ultrathin Biomimetic and Biological Crystals. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24891-24895.	3.1	10
12	Time Domain Simulations of Single Molecule Raman Scattering. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7437-7442.	2.5	10
13	Femtosecond photoemission electron microscopy of surface plasmon polariton beam steering via nanohole arrays. <i>Journal of Chemical Physics</i> , 2020, 153, 081103.	3.0	5
14	Uncovering surface plasmon optical resonances in nanohole arrays through interferometric photoemission electron microscopy. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	5
15	Surface plasmon polariton pulse shaping via two-dimensional Bragg grating pairs. <i>Nanophotonics</i> , 2020, 10, 959-965.	6.0	4