

Michael O Mcanally

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,544
citations

623188

14
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

2638
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Molecule Chemistry with Surface- and Tip-Enhanced Raman Spectroscopy. <i>Chemical Reviews</i> , 2017, 117, 7583-7613.	23.0	519
2	Expanding applications of SERS through versatile nanomaterials engineering. <i>Chemical Society Reviews</i> , 2017, 46, 3886-3903.	18.7	316
3	Ultrafast and nonlinear surface-enhanced Raman spectroscopy. <i>Chemical Society Reviews</i> , 2016, 45, 2263-2290.	18.7	143
4	High-Resolution Distance Dependence Study of Surface-Enhanced Raman Scattering Enabled by Atomic Layer Deposition. <i>Nano Letters</i> , 2016, 16, 4251-4259.	4.5	136
5	Ultrahigh-Vacuum Tip-Enhanced Raman Spectroscopy. <i>Chemical Reviews</i> , 2017, 117, 4961-4982.	23.0	128
6	Observation of Single Molecule Plasmon-Driven Electron Transfer in Isotopically Edited 4,4'-Bipyridine Gold Nanosphere Oligomers. <i>Journal of the American Chemical Society</i> , 2017, 139, 15212-15221.	6.6	61
7	Photoinduced Plasmon-Driven Chemistry in <i>trans</i> -1,2-Bis(4-pyridyl)ethylene Gold Nanosphere Oligomers. <i>Journal of the American Chemical Society</i> , 2018, 140, 10583-10592.	6.6	42
8	Identification of Dimeric Methylalumina Surface Species during Atomic Layer Deposition Using <i>Operando</i> Surface-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 2456-2463.	6.6	34
9	Probing the Chemistry of Alumina Atomic Layer Deposition Using <i>Operando</i> Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3822-3833.	1.5	28
10	Coupled wave equations theory of surface-enhanced femtosecond stimulated Raman scattering. <i>Journal of Chemical Physics</i> , 2016, 145, 094106.	1.2	19
11	Surface-Enhanced Femtosecond Stimulated Raman Spectroscopy at 1 MHz Repetition Rates. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4629-4634.	2.1	19
12	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.	1.6	19
13	Fabrication of Gold Nanosphere Oligomers for Surface-Enhanced Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 27004-27008.	1.5	19
14	Quantitative Determination of the Differential Raman Scattering Cross Sections of Glucose by Femtosecond Stimulated Raman Scattering. <i>Analytical Chemistry</i> , 2017, 89, 6931-6935.	3.2	16
15	Native Electron Capture Dissociation Maps to Iron-Binding Channels in Horse Spleen Ferritin. <i>Analytical Chemistry</i> , 2017, 89, 10711-10716.	3.2	14
16	Balancing the Effects of Extinction and Enhancement for Optimal Signal in Surface-Enhanced Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 29449-29454.	1.5	10
17	Studying Stimulated Raman Activity in Surface-Enhanced Femtosecond Stimulated Raman Spectroscopy by Varying the Excitation Wavelength. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3328-3333.	2.1	10
18	Lowest triplet ($n\pi^*$) electronic state of acrolein: Determination of structural parameters by cavity ringdown spectroscopy and quantum-chemical methods. <i>Journal of Chemical Physics</i> , 2013, 138, 064303.	1.2	6

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19	Lowest triplet ($n, \dot{\epsilon}^*$) state of 2-cyclohexen-1-one: Characterization by cavity ringdown spectroscopy and quantum-chemical calculations. <i>Journal of Chemical Physics</i> , 2013, 139, 214311.	1.2	2
20	Understanding the vibrational mode-specific polarization effects in femtosecond Raman-induced Kerr-effect spectroscopy. <i>Optics Letters</i> , 2016, 41, 5357.	1.7	2
21	Ultra-High Vacuum Tip-Enhanced Raman Spectroscopy. , 2018, , 231-253.		1