

Xu Chen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

432
citations

1040056

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h-index

1281871

11
g-index

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all docs

11
docs citations

11
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	Tip-Enhanced Raman Excitation Spectroscopy (TERES): Direct Spectral Characterization of the Gap-Mode Plasmon. <i>Nano Letters</i> , 2019, 19, 7309-7316.	9.1	31
2	Investigation of Cobalt Phthalocyanine at the Solid/Liquid Interface by Electrochemical Tip-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9852-9859.	3.1	37
3	Probing Molecular-Scale Catalytic Interactions between Oxygen and Cobalt Phthalocyanine Using Tip-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2018, 140, 5948-5954.	13.7	71
4	<i>Operando</i> Observation of Molecular-Scale Manipulation Using Electrochemical Tip-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24329-24333.	3.1	16
5	<i>In Situ</i> Electrochemical Tip-Enhanced Raman Spectroscopy with a Chemically Modified Tip. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3825-3828.	4.6	26
6	Electrochemical STM Tip-Enhanced Raman Spectroscopy Study of Electron Transfer Reactions of Covalently Tethered Chromophores on Au(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 11586-11590.	3.1	27
7	Using a Fabry-Pérot Cavity to Augment the Enhancement Factor for Surface-Enhanced Raman Spectroscopy and Tip-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14865-14871.	3.1	17
8	Investigating Nanoscale Electrochemistry with Surface- and Tip-Enhanced Raman Spectroscopy. <i>Accounts of Chemical Research</i> , 2016, 49, 2023-2030.	15.6	101
9	Conformational Contrast of Surface-Mediated Molecular Switches Yields Ångstrom-Scale Spatial Resolution in Ultrahigh Vacuum Tip-Enhanced Raman Spectroscopy. <i>Nano Letters</i> , 2016, 16, 7774-7778.	9.1	96
10	Near-field plasmonic coupling for enhanced nonlinear absorption by femtosecond pulses in bowtie nanoantenna arrays. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 1841-1848.	2.3	6
11	Unraveling the mystery of the "Maoshan Bugle". <i>American Journal of Physics</i> , 2014, 82, 135-141.	0.7	4