

Jin-Hui Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,875
citations

361413

20
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

4806
citing authors

#	ARTICLE	IF	CITATIONS
1	Co ₃ O ₄ /Ni(OH) ₂ composite mesoporous nanosheet networks as a promising electrode for supercapacitor applications. <i>Journal of Materials Chemistry</i> , 2012, 22, 5656.	6.7	471
2	Probing the electronic and catalytic properties of a bimetallic surface with 3 Å...nm resolution. <i>Nature Nanotechnology</i> , 2017, 12, 132-136.	31.5	290
3	Growth of A layer Graphene on Cu Studied by Carbon Isotope Labeling. <i>Nano Letters</i> , 2013, 13, 486-490.	9.1	236
4	Electrochemical Tip-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2015, 137, 11928-11931.	13.7	232
5	Electrochemical Synthesis of Polyaniline Nanobelts with Predominant Electrochemical Performances. <i>Macromolecules</i> , 2010, 43, 2178-2183.	4.8	223
6	Quantitative Correlation between Defect Density and Heterogeneous Electron Transfer Rate of Single Layer Graphene. <i>Journal of the American Chemical Society</i> , 2014, 136, 16609-16617.	13.7	206
7	Tip-enhanced Raman spectroscopy for surfaces and interfaces. <i>Chemical Society Reviews</i> , 2017, 46, 4020-4041.	38.1	202
8	Plasmonic photoluminescence for recovering native chemical information from surface-enhanced Raman scattering. <i>Nature Communications</i> , 2017, 8, 14891.	12.8	138
9	A Plasmonic Sensor Array with Ultrahigh Figures of Merit and Resonance Linewidths down to 3 nm. <i>Advanced Materials</i> , 2018, 30, e1706031.	21.0	132
10	Modeling Fe/N/C Catalysts in Monolayer Graphene. <i>ACS Catalysis</i> , 2017, 7, 139-145.	11.2	100
11	Tip-enhanced Raman spectroscopy – an interlaboratory reproducibility and comparison study. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 22-31.	2.5	94
12	MnO ₂ multilayer nanosheet clusters evolved from monolayer nanosheets and their predominant electrochemical properties. <i>Electrochemistry Communications</i> , 2009, 11, 706-710.	4.7	92
13	Facile Electrochemical Synthesis of Hexagonal Cu ₂ O Nanotube Arrays and Their Application. <i>Inorganic Chemistry</i> , 2011, 50, 757-763.	4.0	76
14	Interfacial capacitance of graphene: Correlated differential capacitance and in situ electrochemical Raman spectroscopy study. <i>Electrochimica Acta</i> , 2013, 110, 754-761.	5.2	53
15	Probing the Local Generation and Diffusion of Active Oxygen Species on a Pd/Au Bimetallic Surface by Tip-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2020, 142, 1341-1347.	13.7	52
16	Real-Space Observation of Atomic Site-Specific Electronic Properties of a Pt Nanoisland/Au(111) Bimetallic Surface by Tip-Enhanced Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13177-13181.	13.8	44
17	Laser Power Dependent Surface-Enhanced Raman Spectroscopic Study of 4-Mercaptopyridine on Uniform Gold Nanoparticle-Assembled Substrates. <i>Journal of Physical Chemistry C</i> , 2014, 118, 3750-3757.	3.1	40
18	Revealing Intermolecular Interaction and Surface Restructuring of an Aromatic Thiol Assembling on Au(111) by Tip-Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2016, 88, 915-921.	6.5	40

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19	Nonlinear plasmon-exciton coupling enhances sum-frequency generation from a hybrid metal/semiconductor nanostructure. <i>Nature Communications</i> , 2020, 11, 1464.	12.8	39
20	Vectorial near-field coupling. <i>Nature Nanotechnology</i> , 2019, 14, 698-704.	31.5	29
21	Doubly Resonant Plasmonic Hot Spotâ€“Exciton Coupling Enhances Second Harmonic Generation from Au/ZnO Hybrid Porous Nanosponges. <i>ACS Photonics</i> , 2019, 6, 2779-2787.	6.6	22
22	Strong Spatial and Spectral Localization of Surface Plasmons in Individual Randomly Disordered Gold Nanosponges. <i>Nano Letters</i> , 2018, 18, 4957-4964.	9.1	20
23	Efficient Platform for Flexible Engineering of Superradiant, Fano-Type, and Subradiant Resonances. <i>ACS Photonics</i> , 2015, 2, 1725-1731.	6.6	14
24	Plasmonic nanofocusing spectral interferometry. <i>Nanophotonics</i> , 2020, 9, 491-508.	6.0	12
25	Heterogeneous electron transfer kinetics of defective graphene investigated by scanning electrochemical microscopy. <i>Applied Surface Science</i> , 2019, 491, 553-559.	6.1	8
26	Plasmon-Enhanced Exciton Delocalization in Squaraine-Type Molecular Aggregates. <i>ACS Nano</i> , 2022, 16, 4693-4704.	14.6	6
27	Realâ€“Space Observation of Atomic Siteâ€“Specific Electronic Properties of a Pt Nanoisland/Au(111) Bimetallic Surface by Tipâ€“Enhanced Raman Spectroscopy. <i>Angewandte Chemie</i> , 2018, 130, 13361-13365.	2.0	4
28	Ultrafast Optical Dynamics of a Nonlinearly Coupled Au Plasmon-ZnO Exciton Nanostructure. , 2020, , .		0