

# Jin-Hui Zhong

## List of Publications by Year in descending order

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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	Plasmon-Enhanced Exciton Delocalization in Squaraine-Type Molecular Aggregates. ACS Nano, 2022, 16, 4693-4704.	14.6	6
2	Probing the Local Generation and Diffusion of Active Oxygen Species on a Pd/Au Bimetallic Surface by Tip-Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2020, 142, 1341-1347.	13.7	52
3	Nonlinear plasmon-exciton coupling enhances sum-frequency generation from a hybrid metal/semiconductor nanostructure. Nature Communications, 2020, 11, 1464.	12.8	39
4	Plasmonic nanofocusing spectral interferometry. Nanophotonics, 2020, 9, 491-508.	6.0	12
5	Ultrafast Optical Dynamics of a Nonlinearly Coupled Au Plasmon-ZnO Exciton Nanostructure. , 2020, , .		0
6	Doubly Resonant Plasmonic Hot Spotâ€“Exciton Coupling Enhances Second Harmonic Generation from Au/ZnO Hybrid Porous Nanosponges. ACS Photonics, 2019, 6, 2779-2787.	6.6	22
7	Heterogeneous electron transfer kinetics of defective graphene investigated by scanning electrochemical microscopy. Applied Surface Science, 2019, 491, 553-559.	6.1	8
8	Vectorial near-field coupling. Nature Nanotechnology, 2019, 14, 698-704.	31.5	29
9	A Plasmonic Sensor Array with Ultrahigh Figures of Merit and Resonance Linewidths down to 3 nm. Advanced Materials, 2018, 30, e1706031.	21.0	132
10	Strong Spatial and Spectral Localization of Surface Plasmons in Individual Randomly Disordered Gold Nanosponges. Nano Letters, 2018, 18, 4957-4964.	9.1	20
11	Realâ€“Space Observation of Atomic Siteâ€“Specific Electronic Properties of a Pt Nanoisland/Au(111) Bimetallic Surface by Tipâ€“Enhanced Raman Spectroscopy. Angewandte Chemie, 2018, 130, 13361-13365.	2.0	4
12	Realâ€“Space Observation of Atomic Siteâ€“Specific Electronic Properties of a Pt Nanoisland/Au(111) Bimetallic Surface by Tipâ€“Enhanced Raman Spectroscopy. Angewandte Chemie - International Edition, 2018, 57, 13177-13181.	13.8	44
13	Tip-enhanced Raman spectroscopy for surfaces and interfaces. Chemical Society Reviews, 2017, 46, 4020-4041.	38.1	202
14	Plasmonic photoluminescence for recovering native chemical information from surface-enhanced Raman scattering. Nature Communications, 2017, 8, 14891.	12.8	138
15	Modeling Fe/N/C Catalysts in Monolayer Graphene. ACS Catalysis, 2017, 7, 139-145.	11.2	100
16	Probing the electronic and catalytic properties of a bimetallic surface with 3â€“nm resolution. Nature Nanotechnology, 2017, 12, 132-136.	31.5	290
17	Revealing Intermolecular Interaction and Surface Restructuring of an Aromatic Thiol Assembling on Au(111) by Tip-Enhanced Raman Spectroscopy. Analytical Chemistry, 2016, 88, 915-921.	6.5	40
18	Electrochemical Tip-Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2015, 137, 11928-11931.	13.7	232

#	ARTICLE	IF	CITATIONS
19	Efficient Platform for Flexible Engineering of Superradiant, Fano-Type, and Subradiant Resonances. ACS Photonics, 2015, 2, 1725-1731.	6.6	14
20	Quantitative Correlation between Defect Density and Heterogeneous Electron Transfer Rate of Single Layer Graphene. Journal of the American Chemical Society, 2014, 136, 16609-16617.	13.7	206
21	Laser Power Dependent Surface-Enhanced Raman Spectroscopic Study of 4-Mercaptopyridine on Uniform Gold Nanoparticle-Assembled Substrates. Journal of Physical Chemistry C, 2014, 118, 3750-3757.	3.1	40
22	Tip-enhanced Raman spectroscopy – an interlaboratory reproducibility and comparison study. Journal of Raman Spectroscopy, 2014, 45, 22-31.	2.5	94
23	Growth of Adlayer Graphene on Cu Studied by Carbon Isotope Labeling. Nano Letters, 2013, 13, 486-490.	9.1	236
24	Interfacial capacitance of graphene: Correlated differential capacitance and in situ electrochemical Raman spectroscopy study. Electrochimica Acta, 2013, 110, 754-761.	5.2	53
25	Co <sub>3</sub> O <sub>4</sub> /Ni(OH) <sub>2</sub> composite mesoporous nanosheet networks as a promising electrode for supercapacitor applications. Journal of Materials Chemistry, 2012, 22, 5656.	6.7	471
26	Facile Electrochemical Synthesis of Hexagonal Cu <sub>2</sub> O Nanotube Arrays and Their Application. Inorganic Chemistry, 2011, 50, 757-763.	4.0	76
27	Electrochemical Synthesis of Polyaniline Nanobelts with Predominant Electrochemical Performances. Macromolecules, 2010, 43, 2178-2183.	4.8	223
28	MnO <sub>2</sub> multilayer nanosheet clusters evolved from monolayer nanosheets and their predominant electrochemical properties. Electrochemistry Communications, 2009, 11, 706-710.	4.7	92