Guoxin Rong

List of Publications by Year
in descending order

19 papers	1,310 citations	687220 13 h-index	1058333 14 g-index
19 all docs	19 docs citations	19 times ranked	2483 citing authors

#	Article	IF	Citations
1	Low-Temperature Synthesis of Î±-MnO2Hollow Urchins and Their Application in Rechargeable Li+Batteries. Inorganic Chemistry, 2006, 45, 6404-6410.	1.9	324
2	In2O3Hollow Microspheres:Â Synthesis from Designed In(OH)3Precursors and Applications in Gas Sensors and Photocatalysis. Langmuir, 2006, 22, 9380-9385.	1.6	292
3	Vanadium pentoxide nanobelts and nanorolls: from controllable synthesis to investigation of their electrochemical properties and photocatalytic activities. Nanotechnology, 2006, 17, 2560-2566.	1.3	151
4	In Vivo Biosensing: Progress and Perspectives. ACS Sensors, 2017, 2, 327-338.	4.0	149
5	Resolving Sub-Diffraction Limit Encounters in Nanoparticle Tracking Using Live Cell Plasmon Coupling Microscopy. Nano Letters, 2008, 8, 3386-3393.	4.5	105
6	Quantum optical coherence tomography of a biological sample. Optics Communications, 2009, 282, 1154-1159.	1.0	60
7	Insights from a Nanoparticle Minuet: Two-Dimensional Membrane Profiling through Silver Plasmon Ruler Tracking. Nano Letters, 2010, 10, 230-238.	4.5	47
8	Optical Probes for Neurobiological Sensing and Imaging. Accounts of Chemical Research, 2018, 51, 1023-1032.	7.6	42
9	Optical Sizing of Immunolabel Clusters through Multispectral Plasmon Coupling Microscopy. Nano Letters, 2011, 11, 498-504.	4.5	38
10	Recent Developments in Nanosensors for Imaging Applications in Biological Systems. Annual Review of Analytical Chemistry, 2019, 12, 109-128.	2.8	36
11	A method for estimating intracellular ion concentration using optical nanosensors and ratiometric imaging. Scientific Reports, 2017, 7, 10819.	1.6	28
12	Imaging Sodium Flux during Action Potentials in Neurons with Fluorescent Nanosensors and Transparent Microelectrodes. ACS Sensors, 2018, 3, 2499-2505.	4.0	16
13	Monitoring the Size and Lateral Dynamics of ErbB1 Enriched Membrane Domains through Live Cell Plasmon Coupling Microscopy. PLoS ONE, 2012, 7, e34175.	1.1	13
14	Morphology Control of CdSe Submicrostructures with High Hierarchy in Solution. European Journal of Inorganic Chemistry, 2006, 2006, 4349-4354.	1.0	9
15	Quantum optical coherence tomography of a biological sample. , 2008, , .		0
16	Silver plasmon rulers as probes in polarization-resolved plasmon coupling microscopy. , 2011, , .		0
17	- Location and Biomarker Characterization of Circulating Tumor Cells. , 2012, , 282-299.		0
18	Plasmonic Nanostructures in Biosensing: Applications from Plasmon Coupling Microscopy to Rapid Pathogen Detection using Nanoparticle Cluster Arrays. , 2009, , .		0

#	Article	IF	Citations
19	Mapping the Spatial Distribution of Cell Surface Receptors with Plasmon Coupling Microscopy. , 2011, , .		0