

Xian Hao

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

910
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1673
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning massively accelerates super-resolution localization microscopy. <i>Nature Biotechnology</i> , 2018, 36, 460-468.	17.5	424
2	Entry of a Novel Marine DNA Virus, Singapore Grouper Iridovirus, into Host Cells Occurs via Clathrin-Mediated Endocytosis and Macropinocytosis in a pH-Dependent Manner. <i>Journal of Virology</i> , 2014, 88, 13047-13063.	3.4	108
3	Localization of Na ⁺ K ⁺ ATPases in Quasi-Native Cell Membranes. <i>Nano Letters</i> , 2009, 9, 4489-4493.	9.1	47
4	Preparation of cell membranes for high resolution imaging by AFM. <i>Ultramicroscopy</i> , 2010, 110, 305-312.	1.9	46
5	Direct measurement and modulation of single-molecule coordinative bonding forces in a transition metal complex. <i>Nature Communications</i> , 2013, 4, 2121.	12.8	43
6	Caveolae-mediated endocytosis of biocompatible gold nanoparticles in living Hela cells. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 164207.	1.8	38
7	Development of Polymeric Nanoprobes with Improved Lifetime Dynamic Range and Stability for Intracellular Oxygen Sensing. <i>Small</i> , 2013, 9, 2639-2648.	10.0	34
8	Single-Particle Tracking of Hepatitis B Virus-like Vesicle Entry into Cells. <i>Small</i> , 2011, 7, 1212-1218.	10.0	33
9	High-efficiency localization of Na ⁺ K ⁺ ATPases on the cytoplasmic side by direct stochastic optical reconstruction microscopy. <i>Nanoscale</i> , 2013, 5, 11582.	5.6	23
10	Al ³⁺ -induced far-red fluorescence enhancement of conjugated polymer nanoparticles and its application in live cell imaging. <i>Nanoscale</i> , 2013, 5, 9340.	5.6	22
11	Electrochemical Single-Molecule AFM of the Redox Metalloenzyme Copper Nitrite Reductase in Action. <i>ChemPhysChem</i> , 2012, 13, 2919-2924.	2.1	20
12	Single-Nanoparticle Resolved Biomimetic Long-Range Electron Transfer and Electrocatalysis of Mixed-Valence Nanoparticles. <i>ACS Catalysis</i> , 2016, 6, 2728-2738.	11.2	17
13	Epitaxial Growth and Magnetic Properties of Mn-Ga Thin Films on GaSb(001). <i>Journal of the Korean Physical Society</i> , 2010, 56, 1382-1386.	0.7	15
14	Locating the Band III protein in quasi-native cell membranes. <i>Analytical Methods</i> , 2010, 2, 805.	2.7	13
15	Atomic Force Microscopy of Asymmetric Membranes from Turtle Erythrocytes. <i>Molecules and Cells</i> , 2014, 37, 592-597.	2.6	10
16	Molecular conformations of DNA targets captured by model nanoarrays. <i>Nanoscale</i> , 2017, 9, 13419-13424.	5.6	7
17	Super-resolution visualization and modeling of human chromosomal regions reveals cohesin-dependent loop structures. <i>Genome Biology</i> , 2021, 22, 150.	8.8	7
18	Preparation and Characterization of SBN50 Ceramic Powder by the Combustion Synthesis. <i>Ferroelectrics</i> , 2006, 334, 97-103.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Single-Molecule Interactions between Heme Proteins and Carboxylic Groups in Various Chemical Environments. ChemElectroChem, 2020, 7, 4441-4445.	3.4	1