

Xingfei Zhou

List of Publications by Year in descending order

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papers

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1163117

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334
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#	ARTICLE	IF	CITATIONS
1	Hydrophilic-hydrophobic silver nanowire-paper based SERS substrate for in-situ detection of furazolidone under various environments. <i>Applied Surface Science</i> , 2021, 556, 149748.	6.1	34
2	Interfacial Nanobubbles on Atomically Flat Substrates with Different Hydrophobicities. <i>ChemPhysChem</i> , 2015, 16, 1003-1007.	2.1	26
3	Hierarchical ordering of amyloid fibrils on the mica surface. <i>Nanoscale</i> , 2013, 5, 4816.	5.6	21
4	Biotemplated fabrication of size controlled palladium nanoparticle chains. <i>Journal of Materials Chemistry</i> , 2012, 22, 8862.	6.7	18
5	Elimination of Light-Soaking Effect in Hysteresis-Free Perovskite Solar Cells by Interfacial Modification. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1851-1860.	3.1	18
6	Investigation of the Dissociation Mechanism of Single-Walled Carbon Nanotube on Mature Amyloid- β^2 Fibrils at Single Nanotube Level. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3459-3468.	2.6	13
7	Charge Carrier Dynamics in Electron-Transport-Layer-Free Perovskite Solar Cells. <i>ACS Applied Electronic Materials</i> , 2019, 1, 2334-2341.	4.3	11
8	Assembly of glucagon (proto)fibrils by longitudinal addition of oligomers. <i>Nanoscale</i> , 2011, 3, 3049.	5.6	10
9	Compression of Single Conjugated-polymer Nanoparticles with AFM Tips. <i>Chemistry Letters</i> , 2005, 34, 1488-1489.	1.3	9
10	Combined-dynamic mode e^- -penetration nanolithography and physically nanopatterning along single DNA molecules. <i>Science Bulletin</i> , 2004, 49, 665-667.	1.7	8
11	Nanomechanics of individual amyloid fibrils using atomic force microscopy. <i>Science Bulletin</i> , 2010, 55, 1608-1612.	1.7	8
12	The fabrication and electrical characterization of protein fibril-templated one-dimensional palladium nanostructures. <i>European Polymer Journal</i> , 2013, 49, 1957-1963.	5.4	8
13	His18 promotes reactive oxidative stress production in copper-ion mediated human islet amyloid polypeptide aggregation. <i>RSC Advances</i> , 2020, 10, 5566-5571.	3.6	8
14	Study on elastic modulus of individual ferritin. <i>Science Bulletin</i> , 2009, 54, 723-726.	9.0	7
15	Bioinspired surface-enhanced Raman scattering substrate with intrinsic Raman signal for the interactive SERS detection of pesticides residues. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120800.	3.9	6
16	Palladium nanoparticles supported by amyloid fibrils: From size controllable synthesis to extremely high catalytic performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 416-421.	4.7	5
17	The opposite effects of Cu(II) and Fe(III) on the assembly of glucagon amyloid fibrils. <i>RSC Advances</i> , 2012, 2, 5418.	3.6	4
18	Mechanical Properties of Sub-Microbubbles with a Nanoparticle-Decorated Polymer Shell. <i>Langmuir</i> , 2019, 35, 17090-17095.	3.5	4

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19	Quantitative SERS sensing mediated by internal standard Raman signal from silica nanoparticles in flexible polymer matrix. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 278, 121304.	3.9	4
20	Height measurement of DNA molecules with lift mode AFM. <i>Science Bulletin</i> , 2004, 49, 1574-1577.	1.7	3
21	Ultrasound Effects on Assembly of Glucagon Fibrils. <i>Integrated Ferroelectrics</i> , 2012, 136, 1-8.	0.7	2