

Jingfang Zhou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

3,923

citations

19

h-index

31

g-index

31

ext. papers

4,258

ext. citations

6.4

avg, IF

4.94

L-index

#	Paper	IF	Citations
28	Room temperature ionic liquid assisted synthesis of ultra-stable Au nanoparticles via a modified Brust-Schiffrin method. <i>RSC Advances</i> , 2016 , 6, 82394-82400	3.7	1
27	Plasma sprayed rutile titania-nanosilver antibacterial coatings. <i>Applied Surface Science</i> , 2015 , 355, 593-601	6.17	8
26	Plasma sprayed alumina-nanosilver antibacterial coatings. <i>RSC Advances</i> , 2015 , 5, 20357-20364	3.7	8
25	All-solid-state flexible thin-film supercapacitors with high electrochemical performance based on a two-dimensional V ₂ O ₅ /H ₂ O/graphene composite. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 10876	13	63
24	Freestanding atomically-thin cuprous oxide sheets for improved visible-light photoelectrochemical water splitting. <i>Nano Energy</i> , 2014 , 8, 205-213	17.1	47
23	Ultra-rapid microwave-assisted synthesis of layered ultrathin birnessite K _{0.17} MnO ₂ nanosheets for efficient energy storage. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 8154	13	41
22	Atomically thin tin dioxide sheets for efficient catalytic oxidation of carbon monoxide. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10569-72	16.4	136
21	Defect-rich MoS ₂ ultrathin nanosheets with additional active edge sites for enhanced electrocatalytic hydrogen evolution. <i>Advanced Materials</i> , 2013 , 25, 5807-13	24	2285
20	Ultrathin nanosheets of MAX phases with enhanced thermal and mechanical properties in polymeric compositions: Ti ₃ Si _(0.75) Al _(0.25) C ₂ . <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4361-5	16.4	91
19	Microfluidic Solvent Extraction of Metal Ions from Industrial Grade Leach Solutions: Extraction Performance and Channel Aging. <i>Journal of Flow Chemistry</i> , 2013 , 3, 76-80	3.3	11
18	Microfluidic Solvent Extraction of Metal Ions and Complexes from Leach Solutions Containing Nanoparticles. <i>Chemical Engineering and Technology</i> , 2012 , 35, 1312-1319	2	40
17	Nanopatterning on silicon surface using atomic force microscopy with diamond-like carbon (DLC)-coated Si probe. <i>Nanoscale Research Letters</i> , 2011 , 6, 518	5	25
16	Microfluidic extraction of copper from particle-laden solutions. <i>International Journal of Mineral Processing</i> , 2011 , 98, 168-173		49
15	Photosensitized dimerization in pyrimidine-based thin solid films. <i>Thin Solid Films</i> , 2011 , 519, 6010-6014	2.2	
14	Preface to special topic: surface modification, wetting, and biological interfaces (guest editors: John Ralston and Jingfang Zhou). <i>Biomicrofluidics</i> , 2010 , 4, 32101	3.2	
13	Functionalized gold nanoparticles: synthesis, structure and colloid stability. <i>Journal of Colloid and Interface Science</i> , 2009 , 331, 251-62	9.3	317
12	Design of pyrimidine-based photoresponsive surfaces and light-regulated wettability. <i>Langmuir</i> , 2009 , 25, 11486-94	4	3

11	Light-induced aggregation of colloidal gold nanoparticles capped by thymine derivatives. <i>Langmuir</i> , 2008 , 24, 4506-11	4	29
10	Synthesis and surface structure of thymine-functionalized, self-assembled monolayer-protected gold nanoparticles. <i>Langmuir</i> , 2007 , 23, 9170-7	4	33
9	Colloid stability of thymine-functionalized gold nanoparticles. <i>Langmuir</i> , 2007 , 23, 12096-103	4	33
8	Agarose template for the fabrication of macroporous metal oxide structures. <i>Langmuir</i> , 2006 , 22, 3332-64	4	98
7	Synthesis, Structure and Tribological Properties of Stearic Acid Coated (NH ₄) ₃ PMo ₁₂ O ₄₀ Nanoparticles. <i>Tribology Letters</i> , 2004 , 17, 311-316	2.8	8
6	Synthesis and tribological behavior of surface modified (NH ₄) ₃ PMo ₁₂ O ₄₀ nanoparticles. <i>Wear</i> , 2004 , 256, 176-181	3.5	20
5	Preparation and Characterization of the Polystyrene/silver Core-shell Structure Nanospheres. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , 2003 , 19, 1049-1053	3.8	4
4	Study on an antiwear and extreme pressure additive of surface coated LaF ₃ nanoparticles in liquid paraffin. <i>Wear</i> , 2001 , 249, 333-337	3.5	190
3	Tribological behavior and lubricating mechanism of Cu nanoparticles in oil. <i>Tribology Letters</i> , 2000 , 8, 213-218	2.8	180
2	Morphological structure and physicochemical properties of nanotube TiO ₂ . <i>Science Bulletin</i> , 2000 , 45, 1533-1536		69
1	Study on the structure and tribological properties of surface-modified Cu nanoparticles. <i>Materials Research Bulletin</i> , 1999 , 34, 1361-1367	5.1	133