

Jingfang Zhou

List of Publications by Year in descending order

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31
papers

4,572
citations

393982

19
h-index

500791

28
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31
all docs

31
docs citations

31
times ranked

8423
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect-Rich MoS ₂ Ultrathin Nanosheets with Additional Active Edge Sites for Enhanced Electrocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2013, 25, 5807-5813.	11.1	2,705
2	Functionalized gold nanoparticles: Synthesis, structure and colloid stability. <i>Journal of Colloid and Interface Science</i> , 2009, 331, 251-262.	5.0	351
3	Study on an antiwear and extreme pressure additive of surface coated LaF ₃ nanoparticles in liquid paraffin. <i>Wear</i> , 2001, 249, 333-337.	1.5	212
4	Tribological behavior and lubricating mechanism of Cu nanoparticles in oil. <i>Tribology Letters</i> , 2000, 8, 213-218.	1.2	209
5	Atomically Thin Tin Dioxide Sheets for Efficient Catalytic Oxidation of Carbon Monoxide. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10569-10572.	7.2	155
6	Study on the structure and tribological properties of surface-modified Cu nanoparticles. <i>Materials Research Bulletin</i> , 1999, 34, 1361-1367.	2.7	148
7	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, 4361-4365.	7.2	113
8	Agarose Template for the Fabrication of Macroporous Metal Oxide Structures. <i>Langmuir</i> , 2006, 22, 3332-3336.	1.6	104
9	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.	5.2	82
10	Morphological structure and physicochemical properties of nanotube TiO ₂ . <i>Science Bulletin</i> , 2000, 45, 1533-1536.	1.7	79
11	Microfluidic extraction of copper from particle-laden solutions. <i>International Journal of Mineral Processing</i> , 2011, 98, 168-173.	2.6	55
12	Freestanding atomically-thin cuprous oxide sheets for improved visible-light photoelectrochemical water splitting. <i>Nano Energy</i> , 2014, 8, 205-213.	8.2	54
13	Microfluidic Solvent Extraction of Metal Ions and Complexes from Leach Solutions Containing Nanoparticles. <i>Chemical Engineering and Technology</i> , 2012, 35, 1312-1319.	0.9	48
14	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.	5.2	48
15	Synthesis and Surface Structure of Thymine-Functionalized, Self-Assembled Monolayer-Protected Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 9170-9177.	1.6	35
16	Colloid Stability of Thymine-Functionalized Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 12096-12103.	1.6	35
17	Light-Induced Aggregation of Colloidal Gold Nanoparticles Capped by Thymine Derivatives. <i>Langmuir</i> , 2008, 24, 4506-4511.	1.6	33
18	Nanopatterning on silicon surface using atomic force microscopy with diamond-like carbon (DLC)-coated Si probe. <i>Nanoscale Research Letters</i> , 2011, 6, 518.	3.1	31

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19	Synthesis and tribological behavior of surface modified (NH ₄) ₃ PMo ₁₂ O ₄₀ nanoparticles. <i>Wear</i> , 2004, 256, 176-181.	1.5	21
20	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.	1.2	14
21	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.	1.2	10
22	Plasma sprayed alumina-nanosilver antibacterial coatings. <i>RSC Advances</i> , 2015, 5, 20357-20364.	1.7	10
23	Plasma sprayed rutile titania-nanosilver antibacterial coatings. <i>Applied Surface Science</i> , 2015, 355, 593-601.	3.1	8
24	Preparation and Characterization of the Polystyrene/silver Core-shell Structure Nanospheres. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2003, 19, 1049-1053.	2.2	5
25	Design of Pyrimidine-Based Photoresponsive Surfaces and Light-Regulated Wettability. <i>Langmuir</i> , 2009, 25, 11486-11494.	1.6	3
26	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.	1.7	2
27	Preparation and Characterization of PS/TiO ₂ Composite Nanospheres. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2000, 16, 1035-1038.	2.2	1
28	Preparation and Self-assembly on Glasses of Surface-functional Polystyrene Nanoparticles. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2002, 18, 550-553.	2.2	1
29	Microfluidic Solvent Extraction of Copper for Mineral Processing. , 2009, , .		0
30	Preface to Special Topic: Surface Modification, Wetting, and Biological Interfaces (Guest Editors: John Tj ETQq0 0 Qq BT /Overlock 10 T	1.2	0
31	Photosensitized dimerization in pyrimidine-based thin solid films. <i>Thin Solid Films</i> , 2011, 519, 6010-6014.	0.8	0