

Dannong He

List of Publications by Year in descending order

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147
papers

6,688
citations

61945

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147
all docs

147
docs citations

147
times ranked

10500
citing authors

#	ARTICLE	IF	CITATIONS
1	The structural evolution of MnOx with calcination temperature and their catalytic performance for propane total oxidation. Applied Surface Science, 2021, 565, 150596.	3.1	17
2	Synthesis of carbon nitride nanosheets with tunable size by hydrothermal method for tetracycline degradation. Materials Letters, 2020, 264, 127005.	1.3	8
3	Effects of crystal structure on the activity of MnO ₂ nanorods oxidase mimics. Nano Research, 2020, 13, 709-718.	5.8	35
4	Self-templated growth of CuInS ₂ nanosheet arrays for photoelectrochemical water splitting. Journal of Alloys and Compounds, 2019, 809, 151794.	2.8	13
5	Simple preparation of high concentration Nd ³⁺ -modified NaY zeolites with lower desorption activation energy of water. Journal of Alloys and Compounds, 2019, 809, 151827.	2.8	4
6	Highly Sensitive and Stable SERS Substrate Fabricated by Co-sputtering and Atomic Layer Deposition. Nanoscale Research Letters, 2019, 14, 168.	3.1	13
7	Biodegradable polyester/modified mesoporous silica composites for effective bone repair with self-reinforced properties. Polymers for Advanced Technologies, 2019, 30, 1461-1472.	1.6	9
8	Improving the electrochemical performance of lithium-rich oxide layer material with Mg and La co-doping. Journal of Alloys and Compounds, 2019, 782, 451-460.	2.8	27
9	The combined effect of CaF ₂ coating and La-doping on electrochemical performance of layered lithium-rich cathode material. Electrochimica Acta, 2018, 275, 18-24.	2.6	45
10	Self-assembly of Fe ₂ O ₃ nanotubes on graphene as an anode material for lithium ion batteries. Journal of Alloys and Compounds, 2018, 750, 871-877.	2.8	25
11	Hierarchically ZnIn ₂ S ₄ nanosheet-constructed microwire arrays: template-free synthesis and excellent photocatalytic performances. Nanoscale, 2018, 10, 4735-4744.	2.8	61
12	Controlled synthesis and characterization of hybrid Sn-doped Co ₃ O ₄ nanowires for supercapacitors. Materials Letters, 2018, 216, 248-251.	1.3	25
13	Stability and recovery of DNA origami structure with cation concentration. Nanotechnology, 2018, 29, 035102.	1.3	10
14	In situ growth of heterostructured Sn/SnO nanospheres embedded in crumpled graphene as an anode material for lithium ion batteries. Dalton Transactions, 2018, 47, 15307-15311.	1.6	9
15	Different Stability of DNA Origami Nanostructure between on Interface and in Bulk Solution. ACS Applied Bio Materials, 2018, 1, 1424-1429.	2.3	7
16	Excellent low-temperature catalytic performance of nanosheet Co-Mn oxides for total benzene oxidation. Applied Catalysis A: General, 2018, 566, 104-112.	2.2	90
17	A green and facile synthesis of Co ₃ O ₄ monolithic catalyst with enhanced total oxidation of propane performance. Catalysis Communications, 2018, 116, 1-4.	1.6	37
18	Characterization of an β -Calcium Sulfate Hemihydrates/ β -Tricalcium Phosphate Combined Injectable Bone Cement. ACS Applied Bio Materials, 2018, 1, 768-776.	2.3	13

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19	3D hierarchical flower-like rutile TiO ₂ nanospheres-based versatile photocatalyst. <i>Journal of Materials Science</i> , 2018, 53, 385-395.	1.7	16
20	Graphene coated La ³⁺ /Sc ³⁺ co-doped Li ₄ Ti ₅ O ₁₂ anodes for enhanced Li-ion battery performance. <i>Materials Letters</i> , 2017, 193, 179-182.	1.3	11
21	Cinnamyl Esters Synthesis By Lipase-Catalyzed Transesterification in a Non-Aqueous System. <i>Catalysis Letters</i> , 2017, 147, 946-952.	1.4	14
22	On the sol-gel synthesis mechanism of nanostructured Li _{3.95} La _{0.05} Ti _{4.95} Ag _{0.05} O ₁₂ with enhanced electrochemical performance for lithium ion battery. <i>Ceramics International</i> , 2017, 43, 3393-3400.	2.3	4
23	Studies on NH ₃ gas sensing by zinc oxide nanowire-reduced graphene oxide nanocomposites. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 284-294.	4.0	115
24	A direct atomic layer deposition method for growth of ultra-thin lubricant tungsten disulfide films. <i>Science China Technological Sciences</i> , 2017, 60, 51-57.	2.0	14
25	Solid-state synthesis of Nd-doped glass: thermal collapse of Nd ³⁺ -incorporated NaY zeolites. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 183-190.	3.0	2
26	Autotransporter domain-dependent enzymatic analysis of a novel extremely thermostable carboxylesterase with high biodegradability towards pyrethroid pesticides. <i>Scientific Reports</i> , 2017, 7, 3461.	1.6	27
27	Three-dimensional conductive networks based on stacked SiO ₂ @graphene frameworks for enhanced gas sensing. <i>Nanoscale</i> , 2017, 9, 109-118.	2.8	117
28	Well-aligned TiO ₂ nanorod arrays prepared by dc reactive magnetron sputtering for flexible dye-sensitized solar cells. <i>Materials Letters</i> , 2017, 188, 323-326.	1.3	9
29	Selective Photoelectrochemical Oxidation of Chiral Ibuprofen Enantiomers. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , 2017, 33, 960-967.	2.2	0
30	Uniportal video-assisted thoracoscopic combined segmentectomy for lung cancer with incomplete fissure. <i>Journal of Thoracic Disease</i> , 2017, 9, 1140-1143.	0.6	2
31	Primary tracheal schwannoma treated by surgical resection: a case report. <i>Journal of Thoracic Disease</i> , 2017, 9, E249-E252.	0.6	12
32	Influence of crystal structure on friction coefficient of ZnO films prepared by atomic layer deposition. <i>Science China Technological Sciences</i> , 2016, 59, 506-512.	2.0	8
33	Facile method to prepare silk fibroin/hyaluronic acid films for vascular endothelial growth factor release. <i>Carbohydrate Polymers</i> , 2016, 143, 301-309.	5.1	50
34	Aptamer-Functionalized and Backbone Redox-Responsive Hyperbranched Polymer for Targeted Drug Delivery in Cancer Therapy. <i>Biomacromolecules</i> , 2016, 17, 2050-2062.	2.6	92
35	Performance optimization of a MnO ₂ /carbon nanotube substrate for efficient catalytic oxidation of low-concentration NO at room temperature. <i>RSC Advances</i> , 2016, 6, 70261-70270.	1.7	18
36	One-step dip-coating of uniform γ -Al ₂ O ₃ layers on cordierite honeycombs and its environmental applications. <i>Ceramics International</i> , 2016, 42, 14384-14390.	2.3	17

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37	Multifunctional lymph-targeted platform based on Mn@mSiO ₂ nanocomposites: Combining PFOB for dual-mode imaging and DOX for cancer diagnose and treatment. Nano Research, 2016, 9, 473-489.	5.8	15
38	Tumor-Penetrating Peptide-Modified DNA Tetrahedron for Targeting Drug Delivery. Biochemistry, 2016, 55, 1326-1331.	1.2	122
39	Highly narrow nanogap-containing Au@Au core-shell SERS nanoparticles: size-dependent Raman enhancement and applications in cancer cell imaging. Nanoscale, 2016, 8, 2090-2096.	2.8	76
40	A Review on Graphene-Based Gas/Vapor Sensors with Unique Properties and Potential Applications. Nano-Micro Letters, 2016, 8, 95-119.	14.4	491
41	Combination of Universal Mechanical Testing Machine with Atomic Force Microscope for Materials Research. Scientific Reports, 2015, 5, 12998.	1.6	8
42	Highly sensitive amperometric CO sensor using nanocomposite C-loaded PdCl ₂ @CuCl ₂ as sensing electrode materials. Journal of Alloys and Compounds, 2015, 645, 553-558.	2.8	9
43	Friction mechanism of zinc oxide films prepared by atomic layer deposition. RSC Advances, 2015, 5, 55411-55418.	1.7	6
44	Synthesis of highly dispersed nanoscaled CoQ10 liposome by supercritical fluid. Materials Letters, 2015, 142, 283-286.	1.3	18
45	Growth and Origami Folding of DNA on Nanoparticles for High Efficiency Molecular Transport in Cellular Imaging and Drug Delivery. Angewandte Chemie - International Edition, 2015, 54, 2431-2435.	7.2	108
46	Effect of incubation temperature on the self-assembly of regenerated silk fibroin: A study using AFM. International Journal of Biological Macromolecules, 2015, 76, 195-202.	3.6	50
47	Controllable synthesis of hierarchical assembled porous ZnO microspheres for acetone gas sensor. Sensors and Actuators B: Chemical, 2015, 220, 356-361.	4.0	56
48	An olive-shaped SnO ₂ nanocrystal-based low concentration H ₂ S gas sensor with high sensitivity and selectivity. Physical Chemistry Chemical Physics, 2015, 17, 20537-20542.	1.3	30
49	One-pot liquid-phase exfoliation from graphite to graphene with carbon quantum dots. Nanoscale, 2015, 7, 10527-10534.	2.8	59
50	A study of pH-dependence of shrink and stretch of tetrahedral DNA nanostructures. Nanoscale, 2015, 7, 6467-6470.	2.8	17
51	One-step synthesis of surface passivated carbon microspheres for enhanced photoluminescence and their application in multifunctional magnetic-fluorescent imaging. RSC Advances, 2015, 5, 24049-24055.	1.7	4
52	Gd-La codoped TiO ₂ nanoparticles as solar photocatalysts. Progress in Natural Science: Materials International, 2015, 25, 6-11.	1.8	24
53	Preparation and High Degradation Activity of Supported Nano-Bi ₂ WO ₆ @TiO ₂ /Nickel Foam Photocatalyst. Nano, 2015, 10, 1550077.	0.5	5
54	ZnO Nanowire-Reduced Graphene Oxide Hybrid Based Portable NH ₃ Gas Sensing Electron Device. IEEE Electron Device Letters, 2015, 36, 1376-1379.	2.2	80

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55	Perfluorocarbon-Encapsulated PLGA-PEG Emulsions as Enhancement Agents for Highly Efficient Reoxygenation to Cell and Organism. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18369-18378.	4.0	31
56	Shape-stabilized phase change materials based on fatty acid eutectics/expanded graphite composites for thermal storage. <i>Energy and Buildings</i> , 2015, 109, 353-360.	3.1	54
57	A novel Ni@Ni(OH) ₂ coaxial core-sheath nanowire membrane for electrochemical energy storage electrodes with high volumetric capacity and excellent rate capability. <i>Electrochimica Acta</i> , 2015, 182, 464-473.	2.6	28
58	Electrospun Nanofibrous P(DLLA-CL) Balloons as Calcium Phosphate Cement Filled Containers for Bone Repair: in Vitro and in Vivo Studies. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18540-18552.	4.0	61
59	Preparation of inclusion complex of perfluorocarbon compound with β -cyclodextrin for ultrasound contrast agent. <i>RSC Advances</i> , 2015, 5, 6305-6310.	1.7	18
60	Mn ₂ CoO ₄ /reduced graphene oxide composite as a promising anode material for lithium-ion batteries. <i>Ceramics International</i> , 2015, 41, 4080-4086.	2.3	4
61	Composite-porous polymer membrane with reduced crystalline for lithium-ion battery via non-solvent evaporate method. <i>Ionics</i> , 2015, 21, 593-599.	1.2	15
62	Washing and Dyeing Wastewater Treatment by Combined Nano Flocculation and Photocatalysis Processes. <i>Journal of Geoscience and Environment Protection</i> , 2015, 03, 66-71.	0.2	4
63	Preparation of Porous SnO ₂ /ZnO Composite Microspheres and Analysis of Their Gas-Sensing Property. <i>Sensor Letters</i> , 2015, 13, 338-343.	0.4	0
64	Nanowear pretreatment of AFM tips for reasonable friction force. <i>Science China Technological Sciences</i> , 2014, 57, 2241-2248.	2.0	0
65	Surfactant-free synthesis of Cu ₂ O hollow spheres and their wavelength-dependent visible photocatalytic activities using LED lamps as cold light sources. <i>Nanoscale Research Letters</i> , 2014, 9, 624.	3.1	28
66	Development and Application of TiO ₂ Nanoparticles Coupled with Silver Halide. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-5.	1.5	5
67	Catalytic oxidation of low-concentration CO at ambient temperature over supported Pd-Cu catalysts. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 347-354.	1.2	21
68	Crystallization and microporous membrane properties of ultrahigh molecular weight polyethylene with dibenzylidene sorbitol. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	7
69	Novel Rolling Circle Amplification and DNA Origami-Based DNA Belt-Involved Signal Amplification Assay for Highly Sensitive Detection of Prostate-Specific Antigen (PSA). <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20372-20377.	4.0	33
70	Self-assembly of regenerated silk fibroin from random coil nanostructures to antiparallel β -sheet nanostructures. <i>Biopolymers</i> , 2014, 101, 1181-1192.	1.2	52
71	The influence of the TiO ₂ particle size on the properties of Li ₄ Ti ₅ O ₁₂ anode material for lithium-ion battery. <i>Ceramics International</i> , 2014, 40, 3799-3804.	2.3	38
72	Controlled synthesis of anatase/tungstite heterogeneous nanomaterials induced by oxalic acid. <i>Catalysis Communications</i> , 2014, 48, 60-64.	1.6	4

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73	Efficient visible-light photocatalysts from Gd ³⁺ /La codoped TiO ₂ nanotubes. <i>Ceramics International</i> , 2014, 40, 2691-2696.	2.3	23
74	Self-assembly of DNA-based drug delivery nanocarriers with rolling circle amplification. <i>Methods</i> , 2014, 67, 198-204.	1.9	29
75	An Efficient Photocatalyst: Anodized TiO ₂ Nanotube Arrays Codoped with Gd ³⁺ /La. <i>Catalysis Letters</i> , 2014, 144, 987-994.	1.4	7
76	Low temperature CO catalytic oxidation over supported Pd ²⁺ /Cu catalysts calcined at different temperatures. <i>Chemical Engineering Journal</i> , 2014, 242, 10-18.	6.6	37
77	Synthesis of parallel squared nanosheet-assembled Bi ₂ WO ₆ microstructures under alkaline hydrothermal treatment. <i>Ceramics International</i> , 2014, 40, 5831-5835.	2.3	12
78	Lateral photovoltaic effect co-observed with unipolar resistive switching behavior in Cu-doped ZnO film. <i>Journal of Applied Physics</i> , 2014, 116, 123102.	1.1	17
79	Reducing Friction Force of Si Material by Means of Atomic Layer-Deposited ZnO Films. <i>Tribology Letters</i> , 2014, 56, 67-75.	1.2	5
80	Use of electrochemical measurements to investigate the porosity of ultra-thin Al ₂ O ₃ films prepared by atomic layer deposition. <i>RSC Advances</i> , 2014, 4, 39365-39371.	1.7	18
81	Synthesis of hierarchically structured ZnO nanomaterials via a supercritical assisted solvothermal process. <i>Chemical Communications</i> , 2014, 50, 930-932.	2.2	23
82	Facile hydrothermal selective fabrication of Ni(OH) ₂ and Ni(HCO ₃) ₂ nanoparticulates and their electrochemical performances. <i>RSC Advances</i> , 2014, 4, 49303-49307.	1.7	34
83	A novel chromic oxide catalyst for NO oxidation at ambient temperature. <i>RSC Advances</i> , 2014, 4, 29180.	1.7	12
84	Reducing the adhesion and friction forces of Si by coating ultra-thin Al ₂ O ₃ films. <i>RSC Advances</i> , 2014, 4, 51047-51054.	1.7	9
85	Ultra-thin Al ₂ O ₃ films grown by atomic layer deposition for corrosion protection of copper. <i>RSC Advances</i> , 2014, 4, 50503-50509.	1.7	37
86	Reducing Adhesion Force by Means of Atomic Layer Deposition of ZnO Films with Nanoscale Surface Roughness. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3325-3330.	4.0	41
87	3D Artificial Bones for Bone Repair Prepared by Computed Tomography-Guided Fused Deposition Modeling for Bone Repair. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14952-14963.	4.0	187
88	Tumor-Penetrating Peptide Mediation: An Effective Strategy for Improving the Transport of Liposomes in Tumor Tissue. <i>Molecular Pharmaceutics</i> , 2014, 11, 218-225.	2.3	33
89	Molecular Logic Gates on DNA Origami Nanostructures for MicroRNA Diagnostics. <i>Analytical Chemistry</i> , 2014, 86, 1932-1936.	3.2	124
90	Classic, liquid, and matrix-assisted dip-pen nanolithography for materials research. <i>Nanoscale</i> , 2014, 6, 12217-12228.	2.8	25

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91	Preparation of Palladium Supported on Ferric Oxide Nano-catalysts for Carbon Monoxide Oxidation in Low Temperature. <i>Nano-Micro Letters</i> , 2014, 6, 233-241.	14.4	23
92	A novel codoping approach for enhancing the performance of polypyrrole cathode in a bioelectric battery. <i>Carbon</i> , 2014, 80, 691-697.	5.4	4
93	Enhanced Capacity of Polypyrrole/Anthraquinone Sulfonate/Graphene Composite as Cathode in Lithium Batteries. <i>Electrochimica Acta</i> , 2014, 138, 481-485.	2.6	14
94	Nanotribological Behavior of Ultra-thin Al ₂ O ₃ Films Prepared by Atomic Layer Deposition. <i>Tribology Letters</i> , 2014, 55, 143-149.	1.2	11
95	Influence of Sc ³⁺ doping in B-site on electrochemical performance of Li ₄ Ti ₅ O ₁₂ anode materials for lithium-ion battery. <i>Journal of Power Sources</i> , 2014, 250, 50-57.	4.0	101
96	Hybridization Chain Reaction Amplification of MicroRNA Detection with a Tetrahedral DNA Nanostructure-Based Electrochemical Biosensor. <i>Analytical Chemistry</i> , 2014, 86, 2124-2130.	3.2	460
97	Regenerated Silk Fibroin Films with Controllable Nanostructure Size and Secondary Structure for Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21813-21821.	4.0	41
98	Enhancing the high-rate performance of Li ₄ Ti ₅ O ₁₂ anode material for lithium-ion battery by a wet ball milling assisted solid-state reaction and ultra-high speed nano-pulverization. <i>Journal of Power Sources</i> , 2014, 266, 60-65.	4.0	18
99	Preparation of Polypyrrole/Anthraquinone-2-sulfonate Nanocomposite and Application in Li-Ion Battery. <i>Chinese Journal of Organic Chemistry</i> , 2014, 34, 1347.	0.6	3
100	Preparation of an Mo and C co-doped TiO ₂ catalyst by a calcination-hydrothermal method, and degradation of rhodamine B in visible light. <i>Research on Chemical Intermediates</i> , 2013, 39, 1685-1699.	1.3	22
101	Microstructure and hydrogen production activity of Pt-TiO ₂ prepared by precipitation-photodeposition. <i>Research on Chemical Intermediates</i> , 2013, 39, 1701-1710.	1.3	19
102	Room-temperature catalytic removal of low-concentration NO over mesoporous Fe-Mn binary oxide synthesized using a template-free approach. <i>Applied Catalysis B: Environmental</i> , 2013, 140-141, 42-50.	10.8	59
103	Phase and morphological transitions of titania/titanate nanostructures from an acid to an alkali hydrothermal environment. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1659-1668.	5.2	85
104	Hierarchical Gd-La codoped TiO ₂ microspheres as robust photocatalysts. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 2634-2640.	3.8	37
105	Application of tailored silica microspheres in coatings: synthesis, characterization, thermal and hydrophobic properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11465.	5.2	13
106	Electrochemical performance of carbon/Ni composite fibers from electrospinning as anode material for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1368-1373.	5.2	56
107	Novel biodegradable electrospun nanofibrous P(DLLA-CL) balloons for the treatment of vertebral compression fractures. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 829-838.	1.7	56
108	Solvothermal synthesis of nanostructured TiO ₂ photocatalyst in supercritical CO ₂ fluids. <i>Materials Letters</i> , 2013, 109, 104-107.	1.3	12

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109	Synthesis of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ cathode material by a modified sol-gel method for lithium-ion battery. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 68, 169-174.	1.1	9
110	Synthesis and electrochemical properties of La-doped Li ₄ Ti ₅ O ₁₂ as anode material for Li-ion battery. <i>Ceramics International</i> , 2013, 39, 5145-5149.	2.3	48
111	Comparison of four synthetic model peptides to understand the role of modular motifs in the self-assembly of silk fibroin. <i>Soft Matter</i> , 2013, 9, 11325.	1.2	39
112	A power-free microfluidic chip for SNP genotyping using graphene oxide and a DNA intercalating dye. <i>Chemical Communications</i> , 2013, 49, 3125.	2.2	54
113	Template-free synthesis of mesoporous X-Mn (X = Co, Ni, Zn) bimetal oxides and catalytic application in the room temperature removal of low-concentration NO. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10218.	5.2	44
114	Tip-Induced Micropatterning of Silk Fibroin Protein Using In Situ Solution Atomic Force Microscopy. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 737-746.	4.0	43
115	Li ₄ Ti ₅ O ₁₂ prepared by a modified citric acid sol-gel method for lithium-ion battery. <i>Journal of Power Sources</i> , 2013, 236, 118-125.	4.0	77
116	Uniform Ultrasmall Graphene Oxide Nanosheets with Low Cytotoxicity and High Cellular Uptake. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1761-1767.	4.0	166
117	A highly efficient TiO ₂ @ZnO heterojunction nanorod photocatalyst. <i>Nanoscale</i> , 2013, 5, 588-593.	2.8	163
118	One-pot synthesis of mesoporous CuOx/CeO ₂ co-loaded ZrO ₂ -TiO ₂ nanocomposites via surfactant-free solvothermal method for catalytic removal of soot under NO/O ₂ . <i>Catalysis Communications</i> , 2013, 35, 105-109.	1.6	12
119	Carbon Nanotubes Multifunctionalized by Rolling Circle Amplification and Their Application for Highly Sensitive Detection of Cancer Markers. <i>Small</i> , 2013, 9, 2595-2601.	5.2	45
120	Preparation and characterization of ZnO/Cu/ZnO transparent conductive films. <i>Rare Metals</i> , 2013, 32, 273-277.	3.6	10
121	Tumor-penetrating peptide functionalization enhances the anti-glioblastoma effect of doxorubicin liposomes. <i>Nanotechnology</i> , 2013, 24, 405101.	1.3	57
122	In Vitro and In Vivo Evaluation of Zinc-Modified Ca-Si-Based Ceramic Coating for Bone Implants. <i>PLoS ONE</i> , 2013, 8, e57564.	1.1	31
123	Research on the Phase Transition and Morphological Evolution Behaviors of Titania/Titanate Nanomaterials by Calcination Treatment. <i>Acta Chimica Sinica</i> , 2013, 71, 93.	0.5	4
124	Fabrication and analysis of high-performance piezoelectric MEMS generators. <i>Journal of Micromechanics and Microengineering</i> , 2012, 22, 065017.	1.5	45
125	Gadolinium-chitosan nanoparticles as a novel contrast agent for potential use in clinical bowel-targeted MRI: a feasibility study in healthy rats. <i>Acta Radiologica</i> , 2012, 53, 900-907.	0.5	12
126	Properties of Polypropylene/Antibacterial Glass Composites. <i>Journal of Macromolecular Science - Physics</i> , 2012, 51, 654-661.	0.4	2

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127	Atomic layer deposition of zinc oxide films: Effects of nanocrystalline characteristics on tribological performance. <i>Surface and Coatings Technology</i> , 2012, 207, 361-366.	2.2	35
128	Recent Progress in the Application of Atomic Force Microscopy for Supported Lipid Bilayers. <i>Chemistry - A European Journal</i> , 2012, 18, 4148-4155.	1.7	28
129	Micropattern of nano-hydroxyapatite/silk fibroin composite onto Ti alloy surface via template-assisted electrostatic spray deposition. <i>Materials Science and Engineering C</i> , 2012, 32, 390-394.	3.8	39
130	Piezoelectric MEMS generator based on the bulk PZT/silicon wafer bonding technique. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 2913-2919.	0.8	11
131	Selective Catalytic Reduction of NO with Propylene over Pd-ZrO ₂ /Al ₂ O ₃ /SiO ₂ Catalysts. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2011, 26, 311-316.	0.6	16
132	RESEARCH PROGRESS OF GEL POLYMER ELECTROLYTES FOR LITHIUM ION BATTERIES. <i>Acta Polymerica Sinica</i> , 2011, 011, 125-131.	0.0	12
133	Facile fabrication of nano-hydroxyapatite/silk fibroin composite via a simplified coprecipitation route. <i>Journal of Materials Science</i> , 2010, 45, 5814-5819.	1.7	32
134	Synthesis of Fe ³⁺ doped ordered mesoporous TiO ₂ with enhanced visible light photocatalytic activity and highly crystallized anatase wall. <i>Research on Chemical Intermediates</i> , 2010, 36, 83-93.	1.3	27
135	Catalysis of redox reactions by Ag@TiO ₂ and Fe ³⁺ -doped Ag@TiO ₂ core-shell type nanoparticles. <i>Research on Chemical Intermediates</i> , 2010, 36, 163-172.	1.3	15
136	Piezoelectric energy harvesting from ultrasonic vibration in fluid environments. , 2010, , .		0
137	A simple approach for preparing a visible-light TiO ₂ photocatalyst. <i>Research on Chemical Intermediates</i> , 2009, 35, 717-726.	1.3	16
138	The effects of the crystallization rate of the mesoporous TiO ₂ on the stability of the mesoporous structure after reflux. <i>Research on Chemical Intermediates</i> , 2009, 35, 693-703.	1.3	0
139	High photocatalytic activity and stability for decomposition of gaseous acetaldehyde on TiO ₂ /Al ₂ O ₃ composite films coated on foam nickel substrates by sol-gel processes. <i>Journal of Sol-Gel Science and Technology</i> , 2008, 45, 1-8.	1.1	32
140	Preparation and photocatalytic properties of Fe ³⁺ -doped Ag@TiO ₂ core-shell nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2008, 323, 182-186.	5.0	122
141	Synthesis of thermally stable mesoporous TiO ₂ and investigation of its photocatalytic activity. <i>Microporous and Mesoporous Materials</i> , 2008, 110, 501-507.	2.2	61
142	Preparation of Fe ³⁺ -doped TiO ₂ catalysts by controlled hydrolysis of titanium alkoxide and study on their photocatalytic activity for methyl orange degradation. <i>Journal of Hazardous Materials</i> , 2008, 155, 572-579.	6.5	323
143	Preparation and characterization of anatase TiO ₂ microspheres with porous frameworks via controlled hydrolysis of titanium alkoxide followed by hydrothermal treatment. <i>Materials Letters</i> , 2008, 62, 2970-2972.	1.3	46
144	Synthesis and characterization of mesoporous CaO@MO@SiO ₂ @P ₂ O ₅ (M = Mg, Zn, Cu) bioactive glasses/composites. <i>Journal of Materials Chemistry</i> , 2008, 18, 4103.	6.7	74

#	ARTICLE	IF	CITATIONS
145	Synthesis of mesoporous tungsten carbide by an impregnation-compaction route, and its NH ₃ decomposition catalytic activity. Dalton Transactions, 2008, , 6435.	1.6	37
146	Preparation of Ce-TiO ₂ catalysts by controlled hydrolysis of titanium alkoxide based on esterification reaction and study on its photocatalytic activity. Journal of Colloid and Interface Science, 2007, 315, 382-388.	5.0	155
147	Preparation, Photocatalytic Activity, and Mechanism of Nano-TiO ₂ Co-Doped with Nitrogen and Iron (III). Journal of Physical Chemistry C, 2007, 111, 10618-10623.	1.5	482