Xiaoping Dong

List of Publications by Year
in descending order

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164 papers	11,129 citations	26567 56 h-index	32761 100 g-index
164 all docs	164 docs citations	164 times ranked	12259 citing authors

#	Article	IF	Citations
1	Stimuli-Responsive Controlled Drug Release from a Hollow Mesoporous Silica Sphere/Polyelectrolyte Multilayer Core-Shell Structure. Angewandte Chemie - International Edition, 2005, 44, 5083-5087.	7.2	914
2	Novel C3N4â€“CdS composite photocatalysts with organicâ€“inorganic heterojunctions: in situ synthesis, exceptional activity, high stability and photocatalytic mechanism. Journal of Materials Chemistry A, 2013, 1, 3083.	5.2	471
3	Hydrothermal Synthesis of Graphitic Carbon Nitrideâ€“Bi₂WO₆ Heterojunctions with Enhanced Visible Light Photocatalytic Activities. ACS Applied Materials & Interfaces, 2013, 5, 7079-7085.	4.0	457
4	Recent development in exfoliated two-dimensional g-C₃N₄ nanosheets for photocatalytic applications. Journal of Materials Chemistry A, 2015, 3, 23642-23652.	5.2	377
5	BiOBrâ€“carbon nitride heterojunctions: synthesis, enhanced activity and photocatalytic mechanism. Journal of Materials Chemistry, 2012, 22, 21159.	6.7	365
6	KOH activation of biomass-derived nitrogen-doped carbons forÂsupercapacitor and electrocatalytic oxygen reduction. Electrochimica Acta, 2018, 261, 49-57.	2.6	345
7	MnO2-Embedded-in-Mesoporous-Carbon-Wall Structure for Use as Electrochemical Capacitors. Journal of Physical Chemistry B, 2006, 110, 6015-6019.	1.2	291
8	The amphoteric properties of g-C₃N₄ nanosheets and fabrication of their relevant heterostructure photocatalysts by an electrostatic re-assembly route. Chemical Communications, 2015, 51, 7176-7179.	2.2	229
9	A facile method to synthesize novel hollow mesoporous silica spheres and advanced storage property. Microporous and Mesoporous Materials, 2005, 84, 218-222.	2.2	196
10	Facile synthesis of sulfur-doped graphene quantum dots as fluorescent sensing probes for Ag+ ions detection. Sensors and Actuators B: Chemical, 2017, 242, 231-237.	4.0	194
11	A melamine-assisted chemical blowing synthesis of N-doped activated carbon sheets for supercapacitor application. Journal of Power Sources, 2016, 319, 262-270.	4.0	186
12	Graphitized hierarchical porous carbon nanospheres: simultaneous activation/graphitization and superior supercapacitance performance. Journal of Materials Chemistry A, 2015, 3, 9565-9577.	5.2	183
13	Synergetic photocatalysis/piezocatalysis of bismuth oxybromide for degradation of organic pollutants. Journal of Alloys and Compounds, 2019, 809, 151840.	2.8	160
14	BiOBr/protonated graphitic C3N4 heterojunctions: Intimate interfaces by electrostatic interaction and enhanced photocatalytic activity. Journal of Alloys and Compounds, 2015, 634, 215-222.	2.8	159
15	Preparation of mesoporous calcium doped silica spheres with narrow size dispersion and their drug loading and degradation behavior. Microporous and Mesoporous Materials, 2007, 102, 151-158.	2.2	153
16	Graphene quantum dots decorated graphitic carbon nitride nanorods for photocatalytic removal of antibiotics. Journal of Colloid and Interface Science, 2019, 548, 56-65.	5.0	148
17	Highly dispersive and stable Fe³⁺ active sites on 2D graphitic carbon nitride nanosheets for efficient visible-light photocatalytic nitrogen fixation. Journal of Materials Chemistry A, 2019, 7, 27547-27559.	5.2	142
18	Template-Free Preparation of Mesoporous Fe₂O₃ and Its Application as Absorbents. Journal of Physical Chemistry C, 2008, 112, 13378-13382.	1.5	140

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19	Biomass based N-doped hierarchical porous carbon nanosheets for all-solid-state supercapacitors. Journal of Energy Storage, 2019, 21, 105-112.	3.9	134
20	Nanochannel-Confined Graphene Quantum Dots for Ultrasensitive Electrochemical Analysis of Complex Samples. ACS Nano, 2018, 12, 12673-12681.	7.3	129
21	Interfacial synergism of Pd-decorated BiOCl ultrathin nanosheets for the selective oxidation of aromatic alcohols. Journal of Materials Chemistry A, 2018, 6, 6344-6355.	5.2	127
22	Hierarchically Porous Bioactive Glass Scaffolds Synthesized with a PUF and P123 Cotemplated Approach. Chemistry of Materials, 2007, 19, 4322-4326.	3.2	122
23	In-situ construction of all-solid-state Z-scheme g-C3N4/TiO2 nanotube arrays photocatalyst with enhanced visible-light-induced properties. Solar Energy Materials and Solar Cells, 2016, 157, 399-405.	3.0	117
24	Amphiphilic two-dimensional graphitic carbon nitride nanosheets for visible-light-driven phase-boundary photocatalysis. Journal of Materials Chemistry A, 2019, 7, 13071-13079.	5.2	114
25	An alkali treating strategy for the colloidization of graphitic carbon nitride and its excellent photocatalytic performance. Journal of Colloid and Interface Science, 2016, 468, 103-109.	5.0	113
26	One-step synthesis of boron-doped graphene quantum dots for fluorescent sensors and biosensor. Talanta, 2019, 199, 581-589.	2.9	112
27	Convenient synthesis of porous carbon nanospheres with tunable pore structure and excellent adsorption capacity. Journal of Hazardous Materials, 2013, 262, 256-264.	6.5	108
28	Tailoring the Electronic Properties of Graphene Quantum Dots by P Doping and Their Enhanced Performance in Metal-Free Composite Photocatalyst. Journal of Physical Chemistry C, 2018, 122, 349-358.	1.5	108
29	Facile and scalable preparation of highly luminescent N,S co-doped graphene quantum dots and their application for parallel detection of multiple metal ions. Journal of Materials Chemistry B, 2017, 5, 6593-6600.	2.9	106
30	A mesoporous bioactive glass/polycaprolactone composite scaffold and its bioactivity behavior. Journal of Biomedical Materials Research - Part A, 2008, 84A, 84-91.	2.1	105
31	Synthesis and Magnetic Properties of Mesostructured Î³-Fe2O3/Carbon Composites by a Co-casting Method. Chemistry of Materials, 2007, 19, 3484-3490.	3.2	104
32	Carbon quantum dots implanted CdS nanosheets: Efficient visible-light-driven photocatalytic reduction of Cr(VI) under saline conditions. Applied Catalysis B: Environmental, 2020, 262, 118306.	10.8	103
33	Optimizing Pd and Au-Pd decorated Bi2WO6 ultrathin nanosheets for photocatalytic selective oxidation of aromatic alcohols. Journal of Catalysis, 2018, 364, 154-165.	3.1	100
34	Mesoporous activated carbon spheres derived from resorcinol-formaldehyde resin with high performance for supercapacitors. Journal of Solid State Electrochemistry, 2015, 19, 1783-1791.	1.2	96
35	Nitrogen-rich graphitic carbon nitride: Controllable nanosheet-like morphology, enhanced visible light absorption and superior photocatalytic performance. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 508, 257-264.	2.3	94
36	One-pot synthesis of sulfur-doped graphene quantum dots as a novel fluorescent probe for highly selective and sensitive detection of lead(<scp>ii</scp>). RSC Advances, 2016, 6, 69977-69983.	1.7	93

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37	Graphitic carbon nitrideâ€“BiVO₄heterojunctions: simple hydrothermal synthesis and high photocatalytic performances. RSC Advances, 2014, 4, 4187-4193.	1.7	92
38	Preparation of 2D graphitic carbon nitride nanosheets by a green exfoliation approach and the enhanced photocatalytic performance. Journal of Materials Science, 2017, 52, 13091-13102.	1.7	92
39	Improved photocatalytic performance for selective oxidation of amines to imines on graphitic carbon nitride/bismuth tungstate heterojunctions. Journal of Colloid and Interface Science, 2020, 560, 40-49.	5.0	92
40	Simultaneous label-free and pretreatment-free detection of heavy metal ions in complex samples using electrodes decorated with vertically ordered silica nanochannels. Sensors and Actuators B: Chemical, 2018, 259, 364-371.	4.0	86
41	Enhanced photocatalytic performance of boron and phosphorous co-doped graphitic carbon nitride nanosheets for removal of organic pollutants. Separation and Purification Technology, 2019, 226, 128-137.	3.9	83
42	Facile Construction of gâ€C₃N₄ Nanosheets/TiO₂ Nanotube Arrays as Zâ€Scheme Photocatalyst with Enhanced Visibleâ€Light Performance. ChemCatChem, 2016, 8, 3064-3073.	1.8	81
43	KOH activation of wax gourd-derived carbon materials with high porosity and heteroatom content for aqueous or all-solid-state supercapacitors. Journal of Colloid and Interface Science, 2019, 537, 569-578.	5.0	81
44	Templated synthesis of hierarchically porous manganese oxide with a crystalline nanorod framework and its high electrochemical performance. Journal of Materials Chemistry, 2007, 17, 855.	6.7	78
45	Graphitic carbon nitride/Cu2O heterojunctions: Preparation, characterization, and enhanced photocatalytic activity under visible light. Journal of Solid State Chemistry, 2014, 212, 1-6.	1.4	78
46	Tribo-catalytic degradation of organic pollutants through bismuth oxyiodate triboelectrically harvesting mechanical energy. Nano Energy, 2020, 78, 105290.	8.2	75
47	Piezoelectric polarization promoted spatial separation of photoexcited electrons and holes in two-dimensional g-C3N4 nanosheets for efficient elimination of chlorophenols. Journal of Hazardous Materials, 2022, 421, 126696.	6.5	72
48	N-doped mesoporous carbon by a hard-template strategy associated with chemical activation and its enhanced supercapacitance performance. Electrochimica Acta, 2017, 238, 269-277.	2.6	71
49	Solvothermal synthesis and enhanced visible light photocatalytic activity of novel graphitic carbon nitrideâ€“Bi 2 MoO 6 heterojunctions. Powder Technology, 2014, 267, 126-133.	2.1	67
50	Multifunctionalized Ordered Mesoporous Carbon as an Efficient and Stable Solid Acid Catalyst for Biodiesel Preparation. Journal of Physical Chemistry C, 2013, 117, 6252-6258.	1.5	65
51	Facile surface modification of textiles with photocatalytic carbon nitride nanosheets and the excellent performance for self-cleaning and degradation of gaseous formaldehyde. Journal of Colloid and Interface Science, 2019, 533, 144-153.	5.0	64
52	Synthesis of Mn-Substituted Titania Nanosheets and Ferromagnetic Thin Films with Controlled Doping. Chemistry of Materials, 2009, 21, 4366-4373.	3.2	63
53	ZnCl₂-activated porous carbon spheres with high surface area and superior mesoporous structure as an efficient supercapacitor electrode. RSC Advances, 2014, 4, 40546-40552.	1.7	62
54	Universal Strategy of Bimetal Heterostructures as Superior Bifunctional Catalysts for Electrochemical Water Splitting. ACS Sustainable Chemistry and Engineering, 2021, 9, 4206-4212.	3.2	61

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55	S-doped graphene quantum dots as nanophotocatalyst for visible light degradation. Chinese Chemical Letters, 2018, 29, 1698-1701.	4.8	59
56	Free-standing composite films of multiple 2D nanosheets: Synergetic photothermocatalysis/photocatalysis for efficient removal of formaldehyde under ambient condition. Chemical Engineering Journal, 2020, 394, 125014.	6.6	58
57	Electrochemical catalytic activity for the hydrogen oxidation of mesoporous WO3 and WO3/C composites. Journal of Materials Chemistry, 2008, 18, 3575.	6.7	55
58	Layered Î´-MnO2 as an active catalyst for toluene catalytic combustion. Applied Catalysis A: General, 2020, 602, 117715.	2.2	55
59	Built-in piezoelectric field improved photocatalytic performance of nanoflower-like Bi2WO6 using low-power white LEDs. Chinese Chemical Letters, 2021, 32, 2317-2321.	4.8	53
60	Synergistic effects of phosphorous/sulfur co-doping and morphological regulation for enhanced photocatalytic performance of graphitic carbon nitride nanosheets. Journal of Materials Science, 2019, 54, 1593-1605.	1.7	52
61	Protein Disulfide Isomerase Regulates Endoplasmic Reticulum Stress and the Apoptotic Process during Prion Infection and PrP Mutant-Induced Cytotoxicity. PLoS ONE, 2012, 7, e38221.	1.1	51
62	Two-dimensional/two-dimensional Z-scheme photocatalyst of graphitic carbon nitride/bismuth vanadate for visible-light-driven photocatalytic synthesis of imines. Ceramics International, 2020, 46, 16157-16165.	2.3	50
63	Fabrication of metal-free two dimensional/two dimensional homojunction photocatalyst using various carbon nitride nanosheets as building blocks. Journal of Colloid and Interface Science, 2017, 507, 209-216.	5.0	49
64	Graphene quantum dots-assisted exfoliation of graphitic carbon nitride to prepare metal-free zero-dimensional/two-dimensional composite photocatalysts. Journal of Materials Science, 2018, 53, 12103-12114.	1.7	49
65	Crab shell-derived honeycomb-like graphitized hierarchically porous carbons for satisfactory rate performance of all-solid-state supercapacitors. Sustainable Energy and Fuels, 2019, 3, 1201-1214.	2.5	49
66	Friction energy harvesting on bismuth tungstate catalyst for tribocatalytic degradation of organic pollutants. Journal of Colloid and Interface Science, 2021, 587, 883-890.	5.0	49
67	Activation of the macroautophagic system in scrapie-infected experimental animals and human genetic prion diseases. Autophagy, 2012, 8, 1604-1620.	4.3	48
68	Qualitatively and quantitatively comparing secondary metabolites in three medicinal parts derived from Poria cocos (Schw.) Wolf using UHPLC-QTOF-MS/MS-based chemical profiling. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 278-286.	1.4	44
69	Preparation of highly ordered Fe-SBA-15 by physical-vapor-infiltration and their application to liquid phase selective oxidation of styrene. Journal of Molecular Catalysis A, 2007, 268, 155-162.	4.8	42
70	The enhanced photocatalytic performance of Z-scheme two-dimensional/two-dimensional heterojunctions from graphitic carbon nitride nanosheets and titania nanosheets. Journal of Colloid and Interface Science, 2016, 478, 263-270.	5.0	42
71	Efficiently harvesting the ultrasonic vibration energy of two-dimensional graphitic carbon nitride for piezocatalytic degradation of dichlorophenols. Environmental Science: Nano, 2021, 8, 1398-1407.	2.2	42
72	Facile preparation of N-doped graphene quantum dots as quick-dry fluorescent ink for anti-counterfeiting. New Journal of Chemistry, 2018, 42, 17091-17095.	1.4	41

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73	Preparation of nanospherical porous NiO by a hard template route and its supercapacitor application. Materials Letters, 2014, 135, 172-175.	1.3	40
74	Graphene Quantum Dots Decorated Titania Nanosheets Heterojunction: Efficient Charge Separation and Enhanced Visibleâ€Light Photocatalytic Performance. ChemCatChem, 2017, 9, 3349-3357.	1.8	40
75	Synergistic catalysis of BiOIO3 catalyst for elimination of organic pollutants under simultaneous photo-irradiation and ultrasound-vibration treatment. Journal of Colloid and Interface Science, 2021, 601, 704-713.	5.0	40
76	Highly Efficient Photoâ€Reduction of pâ€Nitrophenol by Protonated Graphitic Carbon Nitride Nanosheets. ChemCatChem, 2018, 10, 4747-4754.	1.8	39
77	Enhanced charge separation ability and visible light photocatalytic performance of graphitic carbon nitride by binary S, B co-doping. Materials Research Bulletin, 2018, 107, 477-483.	2.7	39
78	Improved adhesion and performance of vertically-aligned mesoporous silica-nanochannel film on reduced graphene oxide for direct electrochemical analysis of human serum. Sensors and Actuators B: Chemical, 2019, 288, 133-140.	4.0	38
79	Photocatalytic elimination of moxifloxacin by two-dimensional graphitic carbon nitride nanosheets: Enhanced activity, degradation mechanism and potential practical application. Separation and Purification Technology, 2022, 292, 121067.	3.9	37
80	Study on interaction between microtubule associated protein tau and prion protein. Science in China Series C: Life Sciences, 2006, 49, 473-479.	1.3	36
81	Soft-template synthesis of sulfonated mesoporous carbon with high catalytic activity for biodiesel production. RSC Advances, 2013, 3, 1987-1994.	1.7	36
82	One-step template/chemical blowing route to synthesize flake-like porous carbon nitride photocatalyst. Materials Research Bulletin, 2017, 94, 423-427.	2.7	36
83	Phenanthroline bridging graphitic carbon nitride framework and Fe (II) ions to promote transfer of photogenerated electrons for selective photocatalytic reduction of Nitrophenols. Journal of Colloid and Interface Science, 2022, 608, 2088-2099.	5.0	36
84	Preparation of hydrophilic mesoporous carbon and its application in dye adsorption. Materials Letters, 2011, 65, 2486-2488.	1.3	35
85	Preparation of biomass-activated porous carbons derived from torreya grandis shell for high-performance supercapacitor. Journal of Solid State Electrochemistry, 2017, 21, 2241-2249.	1.2	35
86	Aqueous synthesis of amphiphilic graphene quantum dots and their application as surfactants for preparing of fluorescent polymer microspheres. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 563, 77-83.	2.3	35
87	Mesoporous solid acid catalysts of sulfated zirconia/SBA-15 derived from a vaporâ€“induced hydrolysis route. Applied Catalysis A: General, 2012, 437-438, 149-154.	2.2	34
88	Enhanced piezo-electro-chemical coupling of BaTiO3/g-C3N4 nanocomposite for vibration-catalysis. Journal of Materials Science, 2020, 55, 14787-14797.	1.7	33
89	High-efficient treatment of wastewater contained the carcinogen naphthylamine by electrochemical oxidation with Î³-Al2O3 supported MnO2 and Sb-doped SnO2 catalyst. Journal of Hazardous Materials, 2012, 227-228, 474-479.	6.5	31
90	Hybrid nanocomposite with visibleâ€“light photocatalytic activity: CdSâ€“pillared titanate. Chemical Engineering Journal, 2012, 180, 330-336.	6.6	31

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91	Magnetically separable porous carbon nanospheres as solid acid catalysts. RSC Advances, 2013, 3, 20999.	1.7	31
92	Large-scale synthesis of Ni(OH)2/peach gum derived carbon nanosheet composites with high energy and power density for battery-type supercapacitor. Journal of Colloid and Interface Science, 2019, 557, 608-616.	5.0	31
93	Synergetic effect of swelling and chemical blowing to develop peach gum derived nitrogen-doped porous carbon nanosheets for symmetric supercapacitors. Journal of the Taiwan Institute of Chemical Engineers, 2019, 101, 24-30.	2.7	31
94	Polydopamine mediated modification of manganese oxide on melamine sponge for photothermocatalysis of gaseous formaldehyde. Journal of Hazardous Materials, 2021, 407, 124795.	6.5	31
95	Dual anions engineering on nickel cobalt-based catalyst for optimal hydrogen evolution electrocatalysis. Journal of Colloid and Interface Science, 2021, 589, 127-134.	5.0	30
96	Overexpression of p62/SQSTM1 promotes the degradations of abnormally accumulated PrP mutants in cytoplasm and relieves the associated cytotoxicities via autophagyâ€“lysosome-dependent way. Medical Microbiology and Immunology, 2014, 203, 73-84.	2.6	28
97	Ionic liquid-capped graphene quantum dots as label-free fluorescent probe for direct detection of ferricyanide. Talanta, 2017, 165, 429-435.	2.9	28
98	In situtunable pillaring of compact and high-density graphite fluoride with pseudocapacitive diamines for supercapacitors with combined predominance in gravimetric and volumetric performances. Journal of Materials Chemistry A, 2019, 7, 3353-3365.	5.2	28
99	Tribocatalysis of homogeneous material with multi-size granular distribution for degradation of organic pollutants. Journal of Colloid and Interface Science, 2022, 622, 602-611.	5.0	28
100	A ternary photocatalyst of graphitic carbon nitride/cadmium sulfide/titania based on the electrostatic assembly using two-dimensional semiconductor nanosheets. Journal of Colloid and Interface Science, 2017, 491, 367-374.	5.0	27
101	A comparison study of hydrogen storage properties of as-milled Sm 5 Mg 41 alloy catalyzed by CoS 2 and MoS 2 nano-particles. Journal of Materials Science and Technology, 2018, 34, 1851-1858.	5.6	27
102	Photoâ€Induced Hydrogel Formation Based on gâ€C₃N₄ Nanosheets with Selfâ€Crossâ€Linked 3D Framework for UV Protection Application. Macromolecular Materials and Engineering, 2019, 304, 1800500.	1.7	26
103	Dual-anions engineering of bimetallic oxides as highly active electrocatalyst for boosted overall water splitting. Journal of Colloid and Interface Science, 2022, 623, 467-475.	5.0	26
104	Photothermal conversion of graphene/layered manganese oxide 2D/2D composites for room-temperature catalytic purification of gaseous formaldehyde. Journal of the Taiwan Institute of Chemical Engineers, 2020, 107, 119-128.	2.7	25
105	Influence of spark plasma sintering temperature on electrochemical performance of La0.80Mg0.20Ni3.75 alloy. Materials Chemistry and Physics, 2008, 112, 596-602.	2.0	24
106	Preparation and enhanced supercapacitance performance of porous carbon spheres with a high degree of graphitization. RSC Advances, 2015, 5, 2088-2095.	1.7	24
107	Facile fabrication of N-doped TiO2 nanocatalyst with superior performance under visible light irradiation. Journal of Solid State Chemistry, 2013, 199, 280-286.	1.4	23
108	A structure of MnO2 embedded in CMK-3 framework developed by a redox method. Microporous and Mesoporous Materials, 2006, 91, 120-127.	2.2	22

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109	Soft-chemical synthesis of mesoporous nitrogen-modified titania with superior photocatalytic performance under visible light irradiation. Chemical Engineering Journal, 2013, 219, 155-161.	6.6	22
110	Controllable in situ synthesis of BiOBrxI1â^'x solid solution on reduced graphene oxide with enhanced visible light photocatalytic performance. RSC Advances, 2015, 5, 68151-68158.	1.7	21
111	Mussel-inspired fabrication of novel superhydrophobic and superoleophilic sponge modified using a high density of nanoaggregates at low concentration of dopamine. RSC Advances, 2016, 6, 71905-71912.	1.7	20
112	Oxygen-rich porous carbon sheets: Facile one-step synthesis and enhanced electrochemical performance. Diamond and Related Materials, 2018, 85, 89-97.	1.8	20
113	Synthesis of mesoporous CdS/titania composites with visible light photocatalytic activities. Materials Letters, 2012, 81, 95-98.	1.3	19
114	Hollow porous carbon sphere prepared by a facile activation method and its rapid phenol removal. Materials Letters, 2014, 126, 13-16.	1.3	19
115	Wool textile-derived nitrogen-doped porous carbon cloth for a binder-free electrode material for high-performance flexible solid-state supercapacitors. Journal of Materials Science, 2021, 56, 2412-2424.	1.7	19
116	Piezoelectric polarization promoted spatial separation of photogenerated charges in Bi2MoO6 catalyst and investigation of its synergistic photopiezocatalytic activity. Journal of the Taiwan Institute of Chemical Engineers, 2022, 133, 104260.	2.7	19
117	Preparation and characterization of PbO2 electrode and its application in electro-catalytic degradation of o-aminophenol in aqueous solution assisted by CuOâ€“Ce2O3/Î³-Al2O3 catalyst. Journal of Hazardous Materials, 2013, 260, 747-753.	6.5	18
118	Clinical and familial characteristics of eight Chinese patients with T188K genetic Creutzfeldtâ€“Jakob disease. Infection, Genetics and Evolution, 2013, 14, 120-124.	1.0	18
119	Titanate nanosheets as highly efficient non-light-driven catalysts for degradation of organic dyes. Chemical Communications, 2015, 51, 10847-10849.	2.2	18
120	Synthesis and application of ternary photocatalyst with a gradient band structure from two-dimensional nanosheets as precursors. RSC Advances, 2016, 6, 108955-108963.	1.7	18
121	Local order and vibrational coupling of the C=O Stretching Mode of Î³-Caprolactone in liquid binary mixtures. Scientific Reports, 2017, 7, 12182.	1.6	18
122	Enhanced electrochemical performance of straw-based porous carbon fibers for supercapacitor. Journal of Solid State Electrochemistry, 2017, 21, 3449-3458.	1.2	18
123	Synthesis of Mn-intercalated layered titanate by exfoliationâ€“flocculation approach and its efficient photocatalytic activity under visibleâ€“light. Journal of Solid State Chemistry, 2012, 196, 282-287.	1.4	17
124	A general strategy for protein immobilization in layered titanates: Polyelectrolyte-assisted self-assembly. Enzyme and Microbial Technology, 2013, 53, 79-84.	1.6	17
125	Prominently photocatalytic performance of restacked titanate nanosheets associated with H2O2 under visible light irradiation. Powder Technology, 2015, 275, 284-289.	2.1	17
126	Air-assisted activation strategy for porous carbon spheres to give enhanced electrochemical performance. RSC Advances, 2016, 6, 15313-15319.	1.7	17

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127	Enhanced electrochemical performance of ordered mesoporous carbons by a one-step carbonization/activation treatment. Journal of Electroanalytical Chemistry, 2015, 758, 39-45.	1.9	16
128	Strong Tribocatalytic Nitrogen Fixation of Graphite Carbon Nitride g-C3N4 through Harvesting Friction Energy. Nanomaterials, 2022, 12, 1981.	1.9	16
129	Morphology and dispersivity modulation of hollow microporous spheres synthesized by a hard template route. Materials Letters, 2009, 63, 1141-1143.	1.3	15
130	Effect of substitution of aluminum for nickel on electrochemical properties of La0.75Mg0.25Ni3.5â^'xCo0.2Alx hydrogen storage alloys. Journal of Rare Earths, 2011, 29, 143-149.	2.5	15
131	Yellowâ€“colored mesoporous pure titania and its high stability in visible light photocatalysis. Powder Technology, 2013, 245, 227-232.	2.1	15
132	Rare V203I mutation in thePRNPgene of a Chinese patient with Creutzfeldtâ€“Jakob disease. Prion, 2013, 7, 259-262.	0.9	14
133	Global transcriptional profiling of the postmortem brain of a patient with G114V genetic Creutzfeldt-Jakob disease. International Journal of Molecular Medicine, 2013, 31, 676-688.	1.8	14
134	Significant Reduction of the GLUT3 Level, but not GLUT1 Level, Was Observed in the Brain Tissues of Several Scrapie Experimental Animals and Scrapie-Infected Cell Lines. Molecular Neurobiology, 2014, 49, 991-1004.	1.9	14
135	Free-standing films of titanate nanosheets as efficient visible-light-driven photocatalysts for environmental application. Materials Letters, 2015, 145, 111-114.	1.3	14
136	Investigation of the effect of berberines alkaloids in Coptis chinensis Franch on Bacillus shigae growthby microcalorimetry. Science in China Series B: Chemistry, 2007, 50, 638-642.	0.8	13
137	Manganese-induced changes of the biochemical characteristics of the recombinant wild-type and mutant PrPs. Medical Microbiology and Immunology, 2009, 198, 239-245.	2.6	12
138	Down-regulation of brain-derived neurotrophic factor and its signaling components in the brain tissues of scrapie experimental animals. International Journal of Biochemistry and Cell Biology, 2016, 79, 318-326.	1.2	12
139	Influence of rapid quenching on cyclic stability of La-Mg-Ni system (AB3-type) electrode alloys. Journal of Rare Earths, 2008, 26, 291-297.	2.5	10
140	Electrochemical and oxygen desorption properties of nanostructured ternary compound NaxMnO2 directly templated from mesoporous SBA-15. Microporous and Mesoporous Materials, 2008, 116, 432-438.	2.2	10
141	Thermo-driven catalytic degradation of organic dyes by graphitic carbon nitride with hydrogen peroxide. Powder Technology, 2017, 308, 114-122.	2.1	10
142	Enhanced photocatalytic activity of graphitic carbon nitride/cadmium sulfide heterojunctions by protonating treatment. Journal of Physics and Chemistry of Solids, 2018, 116, 50-57.	1.9	9
143	Carbonaceous 0D/2D composite photocatalyst for degradation of organic dyes. Diamond and Related Materials, 2020, 109, 108096.	1.8	9
144	Reduction of protein kinase MARK4 in the brains of experimental scrapie rodents and human prion disease correlates with deposits of PrPSc. International Journal of Molecular Medicine, 2012, 30, 569-578.	1.8	8

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145	Unusual adsorption and desorption behaviors of NO and CO on nanoporous nickel phosphate VSB-5: In situ FT-IR and TPD study. Catalysis Today, 2015, 258, 199-204.	2.2	8
146	Co-expressions of Casein Kinase 2 (CK2) Subunits Restore the Down-Regulation of Tubulin Levels and Disruption of Microtubule Structures Caused by PrP Mutants. Journal of Molecular Neuroscience, 2013, 50, 14-22.	1.1	7
147	Electrochemical Performance of Nanocrystalline and Amorphous Mgâ€“Ndâ€“Niâ€“Cu-Based Mg2Ni-type Alloy Electrodes Used in Ni-MH Batteries. Acta Metallurgica Sinica (English Letters), 2014, 27, 1088-1098.	1.5	7
148	Microcalorimetric investigation of the effect of berberine alkaloids from Coptis chinensis Franch on Staphylococcus aureus growth. Science in China Series B: Chemistry, 2008, 51, 640-645.	0.8	6
149	Low-temperature catalytic combustion of benzene over Zrâ€“Mn mixed oxides synthesized by redox-precipitation method. Journal of Materials Science, 2021, 56, 13540-13555.	1.7	6
150	Covalent Modification of Iron Phthalocyanine into Skeleton of Graphitic Carbon Nitride and Its Visible-Light-Driven Photocatalytic Reduction of Nitroaromatic Compounds. Catalysts, 2022, 12, 752.	1.6	6
151	Effect of cobalt content on electrochemical performance of La-Mg-Ni system (Ce2Ni7-type) electrode alloys. Journal of Rare Earths, 2008, 26, 284-290.	2.5	5
152	The octarepeat region of hamster PrP (PrP51-91) enhances the formation of microtubule and antagonize Cu2+-induced microtubule-disrupting activity. Acta Biochimica Et Biophysica Sinica, 2009, 41, 929-937.	0.9	5
153	SO3H-functionalized mesoporous carbon/silica composite with a spherical morphology and its excellent catalytic performance for biodiesel production. Journal of Porous Materials, 2013, 20, 1423-1431.	1.3	5
154	Cerebrospinal fluid real-time quaking-induced conversion test for sporadic Creutzfeldtâ€“Jakob disease in an 18-year-old woman. Medicine (United States), 2017, 96, e8699.	0.4	5
155	Effects of rapid quenching on structure and cycle stability of La-Mg-Ni-Co type hydrogen storage alloy. Rare Metals, 2006, 25, 207-212.	3.6	4
156	Effects of substituting Ni with M (M = Cu, Al and Mn) on microstructures and electrochemical characteristics of La-Mg-Ni system (PuNi3-type) electrode alloys. Rare Metals, 2006, 25, 25-32.	3.6	3
157	Adsorption of Basic Dye in Aqueous Solution by Mesoporous Carbon Materials. Advanced Materials Research, 0, 441, 559-563.	0.3	3
158	A comparison study of catalytic effects of MoS 2 and CeO 2 on hydrogen storage performances of as-milled SmMg 11 Ni alloy. Materials Chemistry and Physics, 2017, 202, 277-284.	2.0	3
159	Biocompatible Polymeric Hydrogels with Tunable Adhesion to Both Hydrophobic and Hydrophilic Surfaces. , 2009, , .		2
160	Synthesis and layer-by-layer self-assembly of titania nanosheets controllably doped with binary transition metal ions. Journal of Materials Research, 2011, 26, 1285-1291.	1.2	2
161	Rheological behavior of PMVE-MA aqueous solution with metallic cations. Frontiers of Chemical Science and Engineering, 2011, 5, 126-130.	2.3	1
162	Self-Assembled Combination of Graphene with Au Nanoparticle-Doped Copper-Hexacyanoferrate Multilayer for Sensitive Detection of Hydrazine. Advanced Materials Research, 2012, 586, 18-23.	0.3	1

#	Article	IF	Citations
163	Synthesis of antibacterially bioinorganic composite by immobilising lysozymes in layered titanates. Micro and Nano Letters, 2013, 8, 409-412.	0.6	1
164	Microstructure and Hydrogen Absorption/Desorption Behavior of Mg23-xLa x Ni10 Alloy. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 476-484.	0.4	1