

Dannong He

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	A Review on Graphene-Based Gas/Vapor Sensors with Unique Properties and Potential Applications. Nano-Micro Letters, 2016, 8, 95-119.	14.4	491
2	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
3	Hybridization Chain Reaction Amplification of MicroRNA Detection with a Tetrahedral DNA Nanostructure-Based Electrochemical Biosensor. Analytical Chemistry, 2014, 86, 2124-2130.	3.2	460
4	Preparation of Fe ³⁺ -doped TiO ₂ catalysts by controlled hydrolysis of titanium alkoxide and study on their photocatalytic activity for methyl orange degradation. Journal of Hazardous Materials, 2008, 155, 572-579.	6.5	323
5	3D Artificial Bones for Bone Repair Prepared by Computed Tomography-Guided Fused Deposition Modeling for Bone Repair. ACS Applied Materials & Interfaces, 2014, 6, 14952-14963.	4.0	187
6	Uniform Ultrasmall Graphene Oxide Nanosheets with Low Cytotoxicity and High Cellular Uptake. ACS Applied Materials & Interfaces, 2013, 5, 1761-1767.	4.0	166
7	A highly efficient TiO ₂ @ZnO heterojunction nanorod photocatalyst. Nanoscale, 2013, 5, 588-593.	2.8	163
8	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
9	Molecular Logic Gates on DNA Origami Nanostructures for MicroRNA Diagnostics. Analytical Chemistry, 2014, 86, 1932-1936.	3.2	124
10	Preparation and photocatalytic properties of Fe ³⁺ -doped Ag@TiO ₂ core-shell nanoparticles. Journal of Colloid and Interface Science, 2008, 323, 182-186.	5.0	122
11	Tumor-Penetrating Peptide-Modified DNA Tetrahedron for Targeting Drug Delivery. Biochemistry, 2016, 55, 1326-1331.	1.2	122
12	Three-dimensional conductive networks based on stacked SiO ₂ @graphene frameworks for enhanced gas sensing. Nanoscale, 2017, 9, 109-118.	2.8	117
13	Studies on NH ₃ gas sensing by zinc oxide nanowire-reduced graphene oxide nanocomposites. Sensors and Actuators B: Chemical, 2017, 252, 284-294.	4.0	115
14	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
15	Influence of Sc ³⁺ doping in B-site on electrochemical performance of Li ₄ Ti ₅ O ₁₂ anode materials for lithium-ion battery. Journal of Power Sources, 2014, 250, 50-57.	4.0	101
16	Aptamer-Functionalized and Backbone Redox-Responsive Hyperbranched Polymer for Targeted Drug Delivery in Cancer Therapy. Biomacromolecules, 2016, 17, 2050-2062.	2.6	92
17	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
18	Phase and morphological transitions of titania/titanate nanostructures from an acid to an alkali hydrothermal environment. Journal of Materials Chemistry A, 2013, 1, 1659-1668.	5.2	85

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19	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
20	Li ₄ Ti ₅ O ₁₂ prepared by a modified citric acid sol-gel method for lithium-ion battery. Journal of Power Sources, 2013, 236, 118-125.	4.0	77
21	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
22	Synthesis and characterization of mesoporous CaO-MO-SiO ₂ -P ₂ O ₅ (M = Mg, Zn, Cu) bioactive glasses/composites. Journal of Materials Chemistry, 2008, 18, 4103.	6.7	74
23	Synthesis of thermally stable mesoporous TiO ₂ and investigation of its photocatalytic activity. Microporous and Mesoporous Materials, 2008, 110, 501-507.	2.2	61
24	Electrospun Nanofibrous P(DLLA-CL) Balloons as Calcium Phosphate Cement Filled Containers for Bone Repair: in Vitro and in Vivo Studies. ACS Applied Materials & Interfaces, 2015, 7, 18540-18552.	4.0	61
25	Hierarchically ZnIn ₂ S ₄ nanosheet-constructed microwire arrays: template-free synthesis and excellent photocatalytic performances. Nanoscale, 2018, 10, 4735-4744.	2.8	61
26	Room-temperature catalytic removal of low-concentration NO over mesoporous Fe-Mn binary oxide synthesized using a template-free approach. Applied Catalysis B: Environmental, 2013, 140-141, 42-50.	10.8	59
27	One-pot liquid-phase exfoliation from graphite to graphene with carbon quantum dots. Nanoscale, 2015, 7, 10527-10534.	2.8	59
28	Tumor-penetrating peptide functionalization enhances the anti-glioblastoma effect of doxorubicin liposomes. Nanotechnology, 2013, 24, 405101.	1.3	57
29	Electrochemical performance of carbon/Ni composite fibers from electrospinning as anode material for lithium ion batteries. Journal of Materials Chemistry A, 2013, 1, 1368-1373.	5.2	56
30	Novel biodegradable electrospun nanofibrous P(DLLA-CL) balloons for the treatment of vertebral compression fractures. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 829-838.	1.7	56
31	Controllable synthesis of hierarchical assembled porous ZnO microspheres for acetone gas sensor. Sensors and Actuators B: Chemical, 2015, 220, 356-361.	4.0	56
32	A power-free microfluidic chip for SNP genotyping using graphene oxide and a DNA intercalating dye. Chemical Communications, 2013, 49, 3125.	2.2	54
33	Shape-stabilized phase change materials based on fatty acid eutectics/expanded graphite composites for thermal storage. Energy and Buildings, 2015, 109, 353-360.	3.1	54
34	Self-assembly of regenerated silk fibroin from random coil nanostructures to antiparallel β -sheet nanostructures. Biopolymers, 2014, 101, 1181-1192.	1.2	52
35	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
36	Facile method to prepare silk fibroin/hyaluronic acid films for vascular endothelial growth factor release. Carbohydrate Polymers, 2016, 143, 301-309.	5.1	50

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37	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
38	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
39	Fabrication and analysis of high-performance piezoelectric MEMS generators. <i>Journal of Micromechanics and Microengineering</i> , 2012, 22, 065017.	1.5	45
40	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
41	The combined effect of CaF ₂ coating and La-doping on electrochemical performance of layered lithium-rich cathode material. <i>Electrochimica Acta</i> , 2018, 275, 18-24.	2.6	45
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	Synthesis of mesoporous tungsten carbide by an impregnation-compaction route, and its NH ₃ decomposition catalytic activity. <i>Dalton Transactions</i> , 2008, , 6435.	1.6	37
50	Hierarchical Gd-La codoped TiO ₂ microspheres as robust photocatalysts. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 2634-2640.	3.8	37
51	Low temperature CO catalytic oxidation over supported Pd-Cu catalysts calcined at different temperatures. <i>Chemical Engineering Journal</i> , 2014, 242, 10-18.	6.6	37
52	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
53	A green and facile synthesis of Co ₃ O ₄ monolithic catalyst with enhanced total oxidation of propane performance. <i>Catalysis Communications</i> , 2018, 116, 1-4.	1.6	37
54	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

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55	Effects of crystal structure on the activity of MnO ₂ nanorods oxidase mimics. Nano Research, 2020, 13, 709-718.	5.8	35
56	Facile hydrothermal selective fabrication of Ni(OH) ₂ and Ni(HCO ₃) ₂ nanoparticulates and their electrochemical performances. RSC Advances, 2014, 4, 49303-49307.	1.7	34
57	Novel Rolling Circle Amplification and DNA Origami-Based DNA Belt-Involved Signal Amplification Assay for Highly Sensitive Detection of Prostate-Specific Antigen (PSA). ACS Applied Materials & Interfaces, 2014, 6, 20372-20377.	4.0	33
58	Tumor-Penetrating Peptide Mediation: An Effective Strategy for Improving the Transport of Liposomes in Tumor Tissue. Molecular Pharmaceutics, 2014, 11, 218-225.	2.3	33
59	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. Journal of Sol-Gel Science and Technology, 2008, 45, 1-8.	1.1	32
60	Facile fabrication of nano-hydroxyapatite/silk fibroin composite via a simplified coprecipitation route. Journal of Materials Science, 2010, 45, 5814-5819.	1.7	32
61	Perfluorocarbon-Encapsulated PLGA-PEG Emulsions as Enhancement Agents for Highly Efficient Reoxygenation to Cell and Organism. ACS Applied Materials & Interfaces, 2015, 7, 18369-18378.	4.0	31
62	In Vitro and In Vivo Evaluation of Zinc-Modified Ca-Si-Based Ceramic Coating for Bone Implants. PLoS ONE, 2013, 8, e57564.	1.1	31
63	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
64	Self-assembly of DNA-based drug delivery nanocarriers with rolling circle amplification. Methods, 2014, 67, 198-204.	1.9	29
65	Recent Progress in the Application of Atomic Force Microscopy for Supported Lipid Bilayers. Chemistry - A European Journal, 2012, 18, 4148-4155.	1.7	28
66	Surfactant-free synthesis of Cu ₂ O hollow spheres and their wavelength-dependent visible photocatalytic activities using LED lamps as cold light sources. Nanoscale Research Letters, 2014, 9, 624.	3.1	28
67	A novel Ni@Ni(OH) ₂ coaxial core-sheath nanowire membrane for electrochemical energy storage electrodes with high volumetric capacity and excellent rate capability. Electrochimica Acta, 2015, 182, 464-473.	2.6	28
68	Synthesis of Fe ³⁺ doped ordered mesoporous TiO ₂ with enhanced visible light photocatalytic activity and highly crystallized anatase wall. Research on Chemical Intermediates, 2010, 36, 83-93.	1.3	27
69	Autotransporter domain-dependent enzymatic analysis of a novel extremely thermostable carboxylesterase with high biodegradability towards pyrethroid pesticides. Scientific Reports, 2017, 7, 3461.	1.6	27
70	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
71	Classic, liquid, and matrix-assisted dip-pen nanolithography for materials research. Nanoscale, 2014, 6, 12217-12228.	2.8	25
72	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

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73	Controlled synthesis and characterization of hybrid Sn-doped Co ₃ O ₄ nanowires for supercapacitors. <i>Materials Letters</i> , 2018, 216, 248-251.	1.3	25
74	Gd ³⁺ -La codoped TiO ₂ nanoparticles as solar photocatalysts. <i>Progress in Natural Science: Materials International</i> , 2015, 25, 6-11.	1.8	24
75	Efficient visible-light photocatalysts from Gd ³⁺ -La codoped TiO ₂ nanotubes. <i>Ceramics International</i> , 2014, 40, 2691-2696.	2.3	23
76	Synthesis of hierarchically structured ZnO nanomaterials via a supercritical assisted solvothermal process. <i>Chemical Communications</i> , 2014, 50, 930-932.	2.2	23
77	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
78	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
79	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
80	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
81	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
82	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
83	Synthesis of highly dispersed nanoscaled CoQ10 liposome by supercritical fluid. <i>Materials Letters</i> , 2015, 142, 283-286.	1.3	18
84	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
85	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
86	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
87	A study of pH-dependence of shrink and stretch of tetrahedral DNA nanostructures. <i>Nanoscale</i> , 2015, 7, 6467-6470.	2.8	17
88	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
89	The structural evolution of MnO _x with calcination temperature and their catalytic performance for propane total oxidation. <i>Applied Surface Science</i> , 2021, 565, 150596.	3.1	17
90	A simple approach for preparing a visible-light TiO ₂ photocatalyst. <i>Research on Chemical Intermediates</i> , 2009, 35, 717-726.	1.3	16

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91	3D hierarchical flower-like rutile TiO ₂ nanospheres-based versatile photocatalyst. <i>Journal of Materials Science</i> , 2018, 53, 385-395.	1.7	16
92	Selective Catalytic Reduction of NO with Propylene over Pd-ZrO ₂ /Al ₂ O ₃ /TiO ₂ Catalysts. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2011, 26, 311-316.	0.6	16
93	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
94	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
95	Multifunctional lymph-targeted platform based on Mn@mSiO ₂ nanocomposites: Combining PFOB for dual-mode imaging and DOX for cancer diagnose and treatment. <i>Nano Research</i> , 2016, 9, 473-489.	5.8	15
96	Enhanced Capacity of Polypyrrole/Anthraquinone Sulfonate/Graphene Composite as Cathode in Lithium Batteries. <i>Electrochimica Acta</i> , 2014, 138, 481-485.	2.6	14
97	Cinnamyl Esters Synthesis By Lipase-Catalyzed Transesterification in a Non-Aqueous System. <i>Catalysis Letters</i> , 2017, 147, 946-952.	1.4	14
98	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
99	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
100	Characterization of an β -Calcium Sulfate Hemihydrates/ β -Tricalcium Phosphate Combined Injectable Bone Cement. <i>ACS Applied Bio Materials</i> , 2018, 1, 768-776.	2.3	13
101	Self-templated growth of CuInS ₂ nanosheet arrays for photoelectrochemical water splitting. <i>Journal of Alloys and Compounds</i> , 2019, 809, 151794.	2.8	13
102	Highly Sensitive and Stable SERS Substrate Fabricated by Co-sputtering and Atomic Layer Deposition. <i>Nanoscale Research Letters</i> , 2019, 14, 168.	3.1	13
103	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
104	Solvothermal synthesis of nanostructured TiO ₂ photocatalyst in supercritical CO ₂ fluids. <i>Materials Letters</i> , 2013, 109, 104-107.	1.3	12
105	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
106	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
107	A novel chromic oxide catalyst for NO oxidation at ambient temperature. <i>RSC Advances</i> , 2014, 4, 29180.	1.7	12
108	Primary tracheal schwannoma treated by surgical resection: a case report. <i>Journal of Thoracic Disease</i> , 2017, 9, E249-E252.	0.6	12

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109	RESEARCH PROGRESS OF GEL POLYMER ELECTROLYTES FOR LITHIUM ION BATTERIES. Acta Polymerica Sinica, 2011, 011, 125-131.	0.0	12
110	Piezoelectric MEMS generator based on the bulk PZT/silicon wafer bonding technique. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 2913-2919.	0.8	11
111	Nanotribological Behavior of Ultra-thin Al ₂ O ₃ Films Prepared by Atomic Layer Deposition. Tribology Letters, 2014, 55, 143-149.	1.2	11
112	Graphene coated La ³⁺ /Sc ³⁺ co-doped Li ₄ Ti ₅ O ₁₂ anodes for enhanced Li-ion battery performance. Materials Letters, 2017, 193, 179-182.	1.3	11
113	Preparation and characterization of ZnO/Cu/ZnO transparent conductive films. Rare Metals, 2013, 32, 273-277.	3.6	10
114	Stability and recovery of DNA origami structure with cation concentration. Nanotechnology, 2018, 29, 035102.	1.3	10
115	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. Journal of Sol-Gel Science and Technology, 2013, 68, 169-174.	1.1	9
116	Reducing the adhesion and friction forces of Si by coating ultra-thin Al ₂ O ₃ films. RSC Advances, 2014, 4, 51047-51054.	1.7	9
117	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
118	Well-aligned TiO ₂ nanorod arrays prepared by dc reactive magnetron sputtering for flexible dye-sensitized solar cells. Materials Letters, 2017, 188, 323-326.	1.3	9
119	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
120	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
121	Combination of Universal Mechanical Testing Machine with Atomic Force Microscope for Materials Research. Scientific Reports, 2015, 5, 12998.	1.6	8
122	Influence of crystal structure on friction coefficient of ZnO films prepared by atomic layer deposition. Science China Technological Sciences, 2016, 59, 506-512.	2.0	8
123	Synthesis of carbon nitride nanosheets with tunable size by hydrothermal method for tetracycline degradation. Materials Letters, 2020, 264, 127005.	1.3	8
124	Crystallization and microporous membrane properties of ultrahigh molecular weight polyethylene with dibenzylidene sorbitol. Journal of Applied Polymer Science, 2014, 131, .	1.3	7
125	An Efficient Photocatalyst: Anodized TiO ₂ Nanotube Arrays Codoped with Gd ³⁺ /La. Catalysis Letters, 2014, 144, 987-994.	1.4	7
126	Different Stability of DNA Origami Nanostructure between on Interface and in Bulk Solution. ACS Applied Bio Materials, 2018, 1, 1424-1429.	2.3	7

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127	Friction mechanism of zinc oxide films prepared by atomic layer deposition. RSC Advances, 2015, 5, 55411-55418.	1.7	6
128	Development and Application of TiO ₂ Nanoparticles Coupled with Silver Halide. Journal of Nanomaterials, 2014, 2014, 1-5.	1.5	5
129	Reducing Friction Force of Si Material by Means of Atomic Layer-Deposited ZnO Films. Tribology Letters, 2014, 56, 67-75.	1.2	5
130	Preparation and High Degradation Activity of Supported Nano-Bi ₂ WO ₆ TiO ₂ /Nickel Foam Photocatalyst. Nano, 2015, 10, 1550077.	0.5	5
131	Controlled synthesis of anatase/tungstite heterogeneous nanomaterials induced by oxalic acid. Catalysis Communications, 2014, 48, 60-64.	1.6	4
132	A novel codoping approach for enhancing the performance of polypyrrole cathode in a bioelectric battery. Carbon, 2014, 80, 691-697.	5.4	4
133	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
134	Mn ₂ CoO ₄ /reduced graphene oxide composite as a promising anode material for lithium-ion batteries. Ceramics International, 2015, 41, 4080-4086.	2.3	4
135	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. Ceramics International, 2017, 43, 3393-3400.	2.3	4
136	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
137	Washing and Dyeing Wastewater Treatment by Combined Nano Flocculation and Photocatalysis Processes. Journal of Geoscience and Environment Protection, 2015, 03, 66-71.	0.2	4
138	Research on the Phase Transition and Morphological Evolution Behaviors of Titania/Titanate Nanomaterials by Calcination Treatment. Acta Chimica Sinica, 2013, 71, 93.	0.5	4
139	Preparation of Polypyrrole/Anthraquinone-2-sulfonate Nanocomposite and Application in Li-Ion Battery. Chinese Journal of Organic Chemistry, 2014, 34, 1347.	0.6	3
140	Properties of Polypropylene/Antibacterial Glass Composites. Journal of Macromolecular Science - Physics, 2012, 51, 654-661.	0.4	2
141	Solid-state synthesis of Nd-doped glass: thermal collapse of Nd ³⁺ -incorporated NaY zeolites. Inorganic Chemistry Frontiers, 2017, 4, 183-190.	3.0	2
142	Uniportal video-assisted thoracoscopic combined segmentectomy for lung cancer with incomplete fissure. Journal of Thoracic Disease, 2017, 9, 1140-1143.	0.6	2
143	The effects of the crystallization rate of the mesoporous TiO ₂ on the stability of the mesoporous structure after reflux. Research on Chemical Intermediates, 2009, 35, 693-703.	1.3	0
144	Piezoelectric energy harvesting from ultrasonic vibration in fluid environments. , 2010, , .		0

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145	Nanowear pretreatment of AFM tips for reasonable friction force. Science China Technological Sciences, 2014, 57, 2241-2248.	2.0	0
146	Selective Photoelectrochemical Oxidation of Chiral Ibuprofen Enantiomers. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2017, 33, 960-967.	2.2	0
147	Preparation of Porous SnO ₂ /ZnO Composite Microspheres and Analysis of Their Gas-Sensing Property. Sensor Letters, 2015, 13, 338-343.	0.4	0