

# Hangrong Chen

## List of Publications by Year in descending order

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145  
papers

10,535  
citations

28274

55  
h-index

33894

99  
g-index

150  
all docs

150  
docs citations

150  
times ranked

11695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent development of multifunctional responsive gas-releasing nanoplatforms for tumor therapeutic application. Nano Research, 2023, 16, 3924-3938.	10.4	6
2	Tuning selectivity of electrochemical reduction reaction of CO <sub>2</sub> by atomically dispersed Pt into SnO <sub>2</sub> nanoparticles. Chemical Engineering Journal, 2022, 430, 133035.	12.7	23
3	Multi-metallic catalysts for the electroreduction of carbon dioxide: Recent advances and perspectives. Renewable and Sustainable Energy Reviews, 2022, 155, 111922.	16.4	32
4	Microfluidics-Assisted Engineering of pH/Enzyme Dual-Activatable ZIF@Polymer Nanosystem for Co-Delivery of Proteins and Chemotherapeutics with Enhanced Deep-Tumor Penetration. Angewandte Chemie - International Edition, 2022, 61, .	13.8	24
5	Self-cycling redox nanoplatform in synergy with mild magnetothermal and autophagy inhibition for efficient cancer therapy. Nano Today, 2022, 43, 101374.	11.9	21
6	MOF-Derived Cu/Bi Bi-metallic Catalyst to Enhance Selectivity Toward Formate for CO <sub>2</sub> Electroreduction. ChemElectroChem, 2022, 9, .	3.4	17
7	Surface Stability and Morphology of Calcium Phosphate Tuned by pH Values and Lactic Acid Additives: Theoretical and Experimental Study. ACS Applied Materials & Interfaces, 2022, 14, 4836-4851.	8.0	16
8	Reshaping the Tumor Immune Microenvironment Based on a Light-Activated Nanoplatform for Efficient Cancer Therapy. Advanced Materials, 2022, 34, e2108908.	21.0	41
9	A Bismuth Species-Decorated ZnO/p-Si Photocathode for High Selectivity of Formate in CO <sub>2</sub> Photoelectrochemical Reduction. ACS Sustainable Chemistry and Engineering, 2022, 10, 2380-2387.	6.7	10
10	Construction of Heterostructured Sn/TiO <sub>2</sub> /Si Photocathode for Efficient Photoelectrochemical CO <sub>2</sub> Reduction. ChemSusChem, 2022, 15, .	6.8	11
11	A NTR and O <sub>2</sub> programmed responsive photogenic radicals for efficient hypoxia cancer therapy. Sensors and Actuators B: Chemical, 2022, 369, 132311.	7.8	4
12	Photothermal-Promoted Nanocatalysis Combined with H <sub>2</sub> S-Mediated Respiration Inhibition for Efficient Cancer Therapy. Advanced Functional Materials, 2021, 31, 2007991.	14.9	70
13	A self-activating nanovesicle with oxygen-depleting capability for efficient hypoxia-responsive chemo-thermo cancer therapy. Biomaterials, 2021, 269, 120533.	11.4	27
14	Breaking the Redox Homeostasis: an Albumin-Based Multifunctional Nanoagent for GSH Depletion-Assisted Chemo-Chemodynamic Combination Therapy. Advanced Functional Materials, 2021, 31, 2100355.	14.9	66
15	Rational Construction of Light-Driven Catalysts for CO <sub>2</sub> Reduction. Energy & Fuels, 2021, 35, 5696-5715.	5.1	18
16	Hyalase-Mediated Cascade Degradation of a Matrix Barrier and Immune Cell Penetration by a Photothermal Microneedle for Efficient Anticancer Therapy. ACS Applied Materials & Interfaces, 2021, 13, 26790-26799.	8.0	40
17	Boosting neutral hydrogen evolution reaction on iridium by support effect of W18O <sub>49</sub> . Applied Catalysis A: General, 2021, 623, 118293.	4.3	8
18	Stepwise drug release from a nanoplatform under MR-assisted focused ultrasound stimulation. Chemical Engineering Journal, 2021, 417, 128004.	12.7	4

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19	A metal protoporphyrin-induced nano-self-assembly for potentiating photothermal therapy by depleting antioxidant defense systems. <i>Chemical Engineering Journal</i> , 2021, 420, 129769.	12.7	7
20	A Robust ROS Generation Strategy for Enhanced Chemodynamic/Photodynamic Therapy via H <sub>2</sub> O <sub>2</sub> /O <sub>2</sub> Self-Supply and Ca <sup>2+</sup> Overloading. <i>Advanced Functional Materials</i> , 2021, 31, 2106106.	14.9	75
21	Eutectic molten salt assisted synthesis of highly defective and flexible ruthenium oxide for efficient overall water splitting. <i>Chemical Engineering Journal</i> , 2021, 425, 131707.	12.7	11
22	A self-assembled metal-polyphenolic nanomedicine for mild photothermal-potentiated chemodynamic therapy of tumors. <i>Applied Materials Today</i> , 2021, 25, 101235.	4.3	12
23	Confined nanoparticles growth within hollow mesoporous nanoreactors for highly efficient MRI-guided photodynamic therapy. <i>Chemical Engineering Journal</i> , 2020, 379, 122251.	12.7	23
24	Self-assembly hollow manganese Prussian white nanocapsules attenuate Tau-related neuropathology and cognitive decline. <i>Biomaterials</i> , 2020, 231, 119678.	11.4	37
25	Engineering Active Fe Sites on Nickel-Iron Layered Double Hydroxide through Component Segregation for Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2020, 13, 811-818.	6.8	62
26	Microfluidics-Assisted Surface Trifunctionalization of a Zeolitic Imidazolate Framework Nanocarrier for Targeted and Controllable Multitherapies of Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 45838-45849.	8.0	39
27	Hypoxia-Induced Photogenic Radicals by Eosin Y for Efficient Phototherapy of Hypoxic Tumors. <i>ACS Applied Bio Materials</i> , 2020, 3, 8962-8969.	4.6	5
28	Hierarchically Porous SnO <sub>2</sub> -Coupled Organic Carbon for CO <sub>2</sub> -Electroreduction. <i>ChemSusChem</i> , 2020, 13, 5896-5900.	6.8	16
29	Disulfide Bond Reversible Strategy Enables GSH Responsive Transferrin Nanoparticles for Precise Chemotherapy. <i>Advanced Therapeutics</i> , 2020, 3, 2000064.	3.2	3
30	A cation exchange strategy to construct a targeting nanoprobe for enhanced T <sub>1</sub> -weighted MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8519-8526.	5.8	3
31	Construction of microneedle-assisted co-delivery platform and its combining photodynamic/immunotherapy. <i>Journal of Controlled Release</i> , 2020, 324, 218-227.	9.9	66
32	A highly dispersed mesoporous zeolite@TiO <sub>2</sub> supported Pt for enhanced sulfur-resistance catalytic CO oxidation. <i>Catalysis Communications</i> , 2020, 142, 106042.	3.3	12
33	Synthesis and Surface Engineering of Inorganic Nanomaterials Based on Microfluidic Technology. <i>Nanomaterials</i> , 2020, 10, 1177.	4.1	30
34	Multifaceted application of nanoparticle-based labeling strategies for stem cell therapy. <i>Nano Today</i> , 2020, 34, 100897.	11.9	13
35	Photothermal Fenton Nanocatalysts for Synergetic Cancer Therapy in the Second Near-Infrared Window. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 30145-30154.	8.0	72
36	Design strategy of optical probes for tumor hypoxia imaging. <i>Science China Life Sciences</i> , 2020, 63, 1786-1797.	4.9	9

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37	2D nanostructures beyond graphene: preparation, biocompatibility and biodegradation behaviors. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2974-2989.	5.8	50
38	Highly Efficient 2D NIR-II Photothermal Agent with Fenton Catalytic Activity for Cancer Synergistic Photothermal-Chemodynamic Therapy. <i>Advanced Science</i> , 2020, 7, 1902576.	11.2	153
39	Intelligent Nanocomposites with Intrinsic Blood-Brain Barrier Crossing Ability Designed for Highly Specific MR Imaging and Sonodynamic Therapy of Glioblastoma. <i>Small</i> , 2020, 16, e1906985.	10.0	73
40	Protein-based nanoplatfoms for tumor imaging and therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1616.	6.1	15
41	Fe <sub>3</sub> O <sub>4</sub> Mesocrystals with Distinctive Magnetothermal and Nanoenzyme Activity Enabling Self-Reinforcing Synergistic Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 19285-19294.	8.0	73
42	Na <sup>+</sup> -induced in situ reconstitution of metal phosphate enabling efficient electrochemical water oxidation in neutral and alkaline media. <i>Chemical Engineering Journal</i> , 2020, 398, 125537.	12.7	17
43	Synthesis and performance of high efficient diesel oxidation catalyst based on active metal species-modified porous zeolite BEA. <i>Journal of Catalysis</i> , 2019, 379, 138-146.	6.2	10
44	La <sub>2</sub> O <sub>3</sub> -CO <sub>3</sub> -Induced phase composition oscillation in La-Cu mixed oxides during repeated catalytic soot combustion. <i>Catalysis Science and Technology</i> , 2019, 9, 5100-5110.	4.1	2
45	Pt/Fe co-loaded mesoporous zeolite beta for CO oxidation with high catalytic activity and water resistance. <i>RSC Advances</i> , 2019, 9, 28089-28094.	3.6	9
46	Engineering graphene oxide with ultrasml SPIONs and smart drug release for cancer theranostics. <i>Chemical Communications</i> , 2019, 55, 1963-1966.	4.1	35
47	Ultrasound-Enhanced Delivery of Doxorubicin-Loaded Nanodiamonds from Pullulan-all-trans-Retinal Nanoparticles for Effective Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 20341-20349.	8.0	28
48	Clearable Theranostic Platform with a pH-Independent Chemodynamic Therapy Enhancement Strategy for Synergetic Photothermal Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18133-18144.	8.0	120
49	Biodegradable Fe(III)@WS <sub>2</sub> @PVP Nanocapsules for Redox Reaction and TME-Enhanced Nanocatalytic, Photothermal, and Chemotherapy. <i>Advanced Functional Materials</i> , 2019, 29, 1901722.	14.9	128
50	On-Demand Detaching Nanosystem for the Spatiotemporal Control of Cancer Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 16285-16295.	8.0	14
51	Inlaying Radiosensitizer onto the Polypeptide Shell of Drug-Loaded Ferritin for Imaging and Combinational Chemo-Radiotherapy. <i>Theranostics</i> , 2019, 9, 2779-2790.	10.0	35
52	Electron Density Analysis for the H <sub>2</sub> <sup>+</sup> System Confined by Hard Walls: The Chemical Bond Under Extreme Conditions. <i>Annalen Der Physik</i> , 2019, 531, 1800476.	2.4	10
53	Transferrin Receptor-Mediated Sequential Intercellular Nanoparticles Relay for Tumor Deep Penetration and Sonodynamic Therapy. <i>Advanced Therapeutics</i> , 2019, 2, 1800152.	3.2	24
54	Targeted Therapeutic-Immunomodulatory Nanoplatform Based on Noncrystalline Selenium. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 45404-45415.	8.0	18

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55	Perfluorooctyl bromide & indocyanine green co-loaded nanoliposomes for enhanced multimodal imaging-guided phototherapy. <i>Biomaterials</i> , 2018, 165, 1-13.	11.4	173
56	Engineering Single-Atom Cobalt Catalysts toward Improved Electrocatalysis. <i>Small</i> , 2018, 14, e1704319.	10.0	97
57	Mesoporous Silica Nanoparticles-Reinforced Hydrogel Scaffold together with Pinacidil Loading to Improve Stem Cell Adhesion. <i>ChemNanoMat</i> , 2018, 4, 631-641.	2.8	37
58	Ultrasmall mesoporous organosilica nanoparticles: Morphology modulations and redox-responsive biodegradability for tumor-specific drug delivery. <i>Biomaterials</i> , 2018, 161, 292-305.	11.4	127
59	Electron-density delocalization in many-electron atoms confined by penetrable walls: A $\langle \text{H} \rangle$ vs $\langle \text{F} \rangle$ study. <i>International Journal of Quantum Chemistry</i> , 2018, 118, e25571.	2.0	33
60	A pH and magnetic dual-response hydrogel for synergistic chemo-magnetic hyperthermia tumor therapy. <i>RSC Advances</i> , 2018, 8, 9812-9821.	3.6	39
61	Nanosized Hollow Colloidal Organosilica Nanospheres with High Elasticity for Contrast-Enhanced Ultrasonography of Tumors. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 248-256.	5.2	7
62	Effect of Potassium Nitrate Modification on the Performance of Copper-Manganese Oxide Catalyst for Enhanced Soot Combustion. <i>ChemCatChem</i> , 2018, 10, 1455-1463.	3.7	14
63	Mesopore-Induced Aggregation of Cobalt Porphyrin for Photoacoustic Imaging and Antioxidant Protection of Stem Cells. <i>Advanced Functional Materials</i> , 2018, 28, 1804497.	14.9	21
64	Tuning the Performance of Single-Atom Electrocatalysts: Support-Induced Structural Reconstruction. <i>Chemistry of Materials</i> , 2018, 30, 7494-7502.	6.7	24
65	Key Single-Atom Electrocatalysis in Metal-Organic Framework (MOF)-Derived Bifunctional Catalysts. <i>ChemSusChem</i> , 2018, 11, 3473-3479.	6.8	71
66	Magnesium-Engineered Silica Framework for pH-Accelerated Biodegradation and DNAzyme-Triggered Chemotherapy. <i>Small</i> , 2018, 14, e1800708.	10.0	41
67	A Bioenvironment-Responsive Versatile Nanoplatform Enabling Rapid Clearance and Effective Tumor Homing for Oxygen-Enhanced Radiotherapy. <i>Chemistry of Materials</i> , 2018, 30, 5412-5421.	6.7	17
68	Probing Nitrogen-Doping Effects in the Core-Shell Structured Catalysts for Bifunctional Electrocatalysis. <i>ChemCatChem</i> , 2018, 10, 4248-4252.	3.7	6
69	Prussian Blue Nanozyme with Multienzyme Activity Reduces Colitis in Mice. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26108-26117.	8.0	157
70	Outside-in synthesis of mesoporous silica/molybdenum disulfide nanoparticles for antitumor application. <i>Chemical Engineering Journal</i> , 2018, 351, 157-168.	12.7	72
71	Highly active $\text{MnO}_x$ - $\text{CeO}_2$ catalyst for diesel soot combustion. <i>RSC Advances</i> , 2017, 7, 3233-3239.	3.6	33
72	Facile synthesis of spinel $\text{Cu}_{1.5}\text{Mn}_{1.5}\text{O}_4$ microspheres with high activity for the catalytic combustion of diesel soot. <i>RSC Advances</i> , 2017, 7, 20451-20459.	3.6	28

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73	TiO <sub>2</sub> and Cu <sub>1.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> co-modified hierarchically porous zeolite Beta for soot oxidation with excellent sulfur-resistance and stability. Dalton Transactions, 2017, 46, 6111-6116.	3.3	6
74	Nanoflower-like Mg-doped MnOx for facile removal of low-concentration NOx at room temperature. Catalysis Communications, 2017, 97, 70-73.	3.3	6
75	Injectable and thermally contractible hydroxypropyl methyl cellulose/Fe3O4 for magnetic hyperthermia ablation of tumors. Biomaterials, 2017, 128, 84-93.	11.4	64
76	Fabrication of a mesoporous Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> perovskite as a low-cost and efficient catalyst for oxygen reduction. Dalton Transactions, 2017, 46, 13903-13911.	3.3	18
77	Endogenous Catalytic Generation of O <sub>2</sub> Bubbles for <i>In Situ</i> Ultrasound-Guided High Intensity Focused Ultrasound Ablation. ACS Nano, 2017, 11, 9093-9102.	14.6	133
78	H2O2-responsive theranostic nanomedicine. Chinese Chemical Letters, 2017, 28, 1841-1850.	9.0	44
79	Symmetry-breaking assembled porous calcite microspheres and their multiple dental applications. Science China Materials, 2017, 60, 516-528.	6.3	5
80	Sodium carbonate-assisted synthesis of hierarchically porous single-crystalline nanosized zeolites. Science Bulletin, 2017, 62, 1018-1024.	9.0	13
81	Nitrogen-Doped Carbon Vesicles with Dual Iron-Based Sites for Efficient Oxygen Reduction. ChemSusChem, 2017, 10, 499-505.	6.8	24
82	A Multifunctional Theranostic Nanoagent for Dual-Mode Image-Guided HIFU/Chemo- Synergistic Cancer Therapy. Theranostics, 2016, 6, 404-417.	10.0	85
83	One Step Template-Free Synthesis of Mesoporous MnOx/CeO2 Nanocomposite Oxides with Enhanced Low Temperature Catalytic Activity for CO and Hydrocarbon Oxidation. Catalysis Letters, 2016, 146, 1355-1360.	2.6	10
84	Solution of the Kohn-Sham equations for many-electron atoms confined by penetrable walls. Theoretical Chemistry Accounts, 2016, 135, 1.	1.4	24
85	Low Pt-Loaded Mesoporous Sodium Germanate as a High-Performance Electrocatalyst for the Oxygen Reduction Reaction. ChemSusChem, 2016, 9, 2337-2342.	6.8	10
86	Ultrasound-Triggered Nitric Oxide Release Platform Based on Energy Transformation for Targeted Inhibition of Pancreatic Tumor. ACS Nano, 2016, 10, 10816-10828.	14.6	229
87	Manganese Extraction-Strategy Enables Tumor-Sensitive Biodegradability and Theranostics of Nanoparticles. Journal of the American Chemical Society, 2016, 138, 9881-9894.	13.7	246
88	Enabling Prussian Blue with Tunable Localized Surface Plasmon Resonances: Simultaneously Enhanced Dual-Mode Imaging and Tumor Photothermal Therapy. ACS Nano, 2016, 10, 11115-11126.	14.6	123
89	Template-Free Synthesis of Hollow/Porous Organosilica-Fe <sub>3</sub> O <sub>4</sub> Hybrid Nanocapsules toward Magnetic Resonance Imaging-Guided High-Intensity Focused Ultrasound Therapy. ACS Applied Materials & Interfaces, 2016, 8, 29986-29996.	8.0	32
90	Synergistic retention strategy of RGD active targeting and radiofrequency-enhanced permeability for intensified RF & chemotherapy synergistic tumor treatment. Biomaterials, 2016, 99, 34-46.	11.4	44

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91	Black titania-based theranostic nanoplatform for single NIR laser induced dual-modal imaging-guided PTT/PDT. <i>Biomaterials</i> , 2016, 84, 13-24.	11.4	189
92	A smart, phase transitional and injectable DOX/PLGA-Fe implant for magnetic-hyperthermia-induced synergistic tumor eradication. <i>Acta Biomaterialia</i> , 2016, 29, 298-306.	8.3	31
93	Roothaan's approach to solve the Hartree-Fock equations for atoms confined by soft walls: Basis set with correct asymptotic behavior. <i>Journal of Chemical Physics</i> , 2015, 143, 034103.	3.0	50
94	Injectable 2D MoS <sub>2</sub> -Integrated Drug Delivering Implant for Highly Efficient NIR-Triggered Synergistic Tumor Hyperthermia. <i>Advanced Materials</i> , 2015, 27, 7117-7122.	21.0	238
95	A Prussian Blue-Based Core-Shell Hollow-Structured Mesoporous Nanoparticle as a Smart Theranostic Agent with Ultrahigh pH-Responsive Longitudinal Relaxivity. <i>Advanced Materials</i> , 2015, 27, 6382-6389.	21.0	233
96	CO <sub>2</sub> bubbling-based 'Nanobomb' System for Targetedly Suppressing Panc-1 Pancreatic Tumor via Low Intensity Ultrasound-activated Inertial Cavitation. <i>Theranostics</i> , 2015, 5, 1291-1302.	10.0	90
97	Ultrasml Cu <sub>2</sub> S Nanodots for Highly Efficient Photoacoustic Imaging-Guided Photothermal Therapy. <i>Small</i> , 2015, 11, 2275-2283.	10.0	184
98	A Versatile Nanotheranostic Agent for Efficient Dual-Mode Imaging Guided Synergistic Chemo-Thermal Tumor Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 2520-2529.	14.9	155
99	Facile synthesis of liposome/Cu <sub>2</sub> S-based nanocomposite for multimodal imaging and photothermal therapy. <i>Science China Materials</i> , 2015, 58, 294-301.	6.3	19
100	Nanoflower-like weak crystallization manganese oxide for efficient removal of low-concentration NO at room temperature. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7631-7638.	10.3	37
101	A facile synthesis of versatile Cu <sub>2</sub> S nanoprobe for enhanced MRI and infrared thermal/photoacoustic multimodal imaging. <i>Biomaterials</i> , 2015, 57, 12-21.	11.4	83
102	Double-scattering/reflection in a Single Nanoparticle for Intensified Ultrasound Imaging. <i>Scientific Reports</i> , 2015, 5, 8766.	3.3	49
103	Cu/Mn co-loaded hierarchically porous zeolite beta: a highly efficient synergetic catalyst for soot oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9745-9753.	10.3	43
104	A Facile One-Pot Synthesis of a Two-Dimensional MoS <sub>2</sub> /Bi <sub>2</sub> S <sub>3</sub> Composite Theranostic Nanosystem for Multi-Modality Tumor Imaging and Therapy. <i>Advanced Materials</i> , 2015, 27, 2775-2782.	21.0	385
105	Marriage Strategy of Structure and Composition Designs for Intensifying Ultrasound & MR & CT Trimodal Contrast Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 18590-18599.	8.0	19
106	Biocompatible PEGylated MoS <sub>2</sub> nanosheets: Controllable bottom-up synthesis and highly efficient photothermal regression of tumor. <i>Biomaterials</i> , 2015, 39, 206-217.	11.4	304
107	Bi <sub>2</sub> S <sub>3</sub> -embedded mesoporous silica nanoparticles for efficient drug delivery and interstitial radiotherapy sensitization. <i>Biomaterials</i> , 2015, 37, 447-455.	11.4	156
108	A continuous tri-phase transition effect for HIFU-mediated intravenous drug delivery. <i>Biomaterials</i> , 2014, 35, 5875-5885.	11.4	80

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109	Highly efficient light-induced hydrogen evolution from a stable Pt/CdS NPs-co-loaded hierarchically porous zeolite beta. <i>Applied Catalysis B: Environmental</i> , 2014, 152-153, 271-279.	20.2	24
110	Multifunctional Graphene Oxide-based Triple Stimuli-Responsive Nanotheranostics. <i>Advanced Functional Materials</i> , 2014, 24, 4386-4396.	14.9	115
111	Nanomedicine: Break-up of Two-Dimensional MnO <sub>2</sub> Nanosheets Promotes Ultrasensitive pH-Triggered Theranostics of Cancer ( <i>Adv. Mater.</i> 41/2014). <i>Advanced Materials</i> , 2014, 26, 7018-7018.	21.0	8
112	Injectable Smart Phase Transformation Implants for Highly Efficient In Vivo Magnetic Hyperthermia Regression of Tumors. <i>Advanced Materials</i> , 2014, 26, 7468-7473.	21.0	72
113	A Drug-Perfluorocarbon Nanoemulsion with an Ultrathin Silica Coating for the Synergistic Effect of Chemotherapy and Ablation by High-Intensity Focused Ultrasound. <i>Advanced Materials</i> , 2014, 26, 7378-7385.	21.0	130
114	An Intelligent Nanotheranostic Agent for Targeting, Redox-Responsive Ultrasound Imaging, and Imaging-Guided High-Intensity Focused Ultrasound Synergistic Therapy. <i>Small</i> , 2014, 10, 1403-1411.	10.0	78
115	A combined RAFT and Graft From polymerization strategy for surface modification of mesoporous silica nanoparticles: towards enhanced tumor accumulation and cancer therapy efficacy. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5828-5836.	5.8	36
116	Drug delivery/imaging multifunctionality of mesoporous silica-based composite nanostructures. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 917-930.	5.0	62
117	Preparation of Er <sup>3+</sup> /Yb <sup>3+</sup> co-doped zeolite-derived silica glass and its upconversion luminescence property. <i>Ceramics International</i> , 2013, 39, 8865-8868.	4.8	17
118	Facile Synthesis of Magnetite/Perfluorocarbon Co-Loaded Organic/Inorganic Hybrid Vesicles for Dual-Modality Ultrasound/Magnetic Resonance Imaging and Imaging-Guided High-Intensity Focused Ultrasound Ablation. <i>Advanced Materials</i> , 2013, 25, 2686-2692.	21.0	93
119	Colloidal HPMO Nanoparticles: Silica Etching Chemistry Tailoring, Topological Transformation, and Nano-Biomedical Applications. <i>Advanced Materials</i> , 2013, 25, 3100-3105.	21.0	205
120	A facile one-pot synthesis of hierarchically porous Cu(I)-ZSM-5 for radicals-involved oxidation of cyclohexane. <i>Applied Catalysis A: General</i> , 2013, 451, 112-119.	4.3	32
121	Dual-Mesoporous ZSM-5 Zeolite with Highly Axis-Oriented Large Mesopore Channels for the Production of Benzoin Ethyl Ether. <i>Chemistry - A European Journal</i> , 2013, 19, 10017-10023.	3.3	48
122	One-pot synthesis of mesoporous CuOx/CeO <sub>2</sub> co-loaded ZrO <sub>2</sub> -TiO <sub>2</sub> nanocomposites via surfactant-free solvothermal method for catalytic removal of soot under NO/O <sub>2</sub> . <i>Catalysis Communications</i> , 2013, 35, 105-109.	3.3	12
123	In Vivo Bio-Safety Evaluations and Diagnostic/Therapeutic Applications of Chemically Designed Mesoporous Silica Nanoparticles. <i>Advanced Materials</i> , 2013, 25, 3144-3176.	21.0	636
124	Au-nanoparticle coated mesoporous silica nanocapsule-based multifunctional platform for ultrasound mediated imaging, cytoclasis and tumor ablation. <i>Biomaterials</i> , 2013, 34, 2057-2068.	11.4	135
125	Microbubbles from Gas-Generating Perfluorohexane Nanoemulsions for Targeted Temperature-Sensitive Ultrasonography and Synergistic HIFU Ablation of Tumors. <i>Advanced Materials</i> , 2013, 25, 4123-4130.	21.0	160
126	Nanoparticles: Colloidal HPMO Nanoparticles: Silica Etching Chemistry Tailoring, Topological Transformation, and Nano-Biomedical Applications ( <i>Adv. Mater.</i> 22/2013). <i>Advanced Materials</i> , 2013, 25, 3136-3136.	21.0	2



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127	Manganese oxide-based multifunctionalized mesoporous silica nanoparticles for pH-responsive MRI, ultrasonography and circumvention of MDR in cancer cells. <i>Biomaterials</i> , 2012, 33, 7126-7137.	11.4	278
128	A facile in situ hydrophobic layer protected selective etching strategy for the synchronous synthesis/modification of hollow or rattle-type silica nanoconstructs. <i>Journal of Materials Chemistry</i> , 2012, 22, 12553.	6.7	53
129	Basis set effects on the Hartree-Fock description of confined many-electron atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 015002.	1.5	42
130	Engineering Inorganic Nanoemulsions/Nanoliposomes by Fluoride-Silica Chemistry for Efficient Delivery/Co-Delivery of Hydrophobic Agents. <i>Advanced Functional Materials</i> , 2012, 22, 1586-1597.	14.9	128
131	Au capped magnetic core/mesoporous silica shell nanoparticles for combined photothermo-/chemo-therapy and multimodal imaging. <i>Biomaterials</i> , 2012, 33, 989-998.	11.4	230
132	Structure-property relationships in manganese oxide - mesoporous silica nanoparticles used for T1-weighted MRI and simultaneous anti-cancer drug delivery. <i>Biomaterials</i> , 2012, 33, 2388-2398.	11.4	135
133	Perfluorohexane-Encapsulated Mesoporous Silica Nanocapsules as Enhancement Agents for Highly Efficient High Intensity Focused Ultrasound (HIFU). <i>Advanced Materials</i> , 2012, 24, 785-791.	21.0	207
134	A novel mesostructured alumina-ceria-zirconia tri-component nanocomposite with high thermal stability and its three-way catalysis. <i>Microporous and Mesoporous Materials</i> , 2011, 143, 368-374.	4.4	20
135	Reversible Pore Structure Evolution in Hollow Silica Nanocapsules: Large Pores for siRNA Delivery and Nanoparticle Collecting. <i>Small</i> , 2011, 7, 2935-2944.	10.0	117
136	Multifunctional Mesoporous Nanoellipsoids for Biological Bimodal Imaging and Magnetically Targeted Delivery of Anticancer Drugs. <i>Advanced Functional Materials</i> , 2011, 21, 270-278.	14.9	239
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#	ARTICLE	IF	CITATIONS
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