

Hangrong Chen

List of Publications by Year in descending order

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145
papers

10,535
citations

28274

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33894

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all docs

150
docs citations

150
times ranked

11695
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Bioâ€Safety Evaluations and Diagnostic/Therapeutic Applications of Chemically Designed Mesoporous Silica Nanoparticles. <i>Advanced Materials</i> , 2013, 25, 3144-3176.	21.0	636
2	Hollow/Rattle-Type Mesoporous Nanostructures by a Structural Difference-Based Selective Etching Strategy. <i>ACS Nano</i> , 2010, 4, 529-539.	14.6	615
3	A Facile Oneâ€Pot Synthesis of a Twoâ€Dimensional MoS ₂ /Bi ₂ S ₃ Composite Theranostic Nanosystem for Multiâ€Modality Tumor Imaging and Therapy. <i>Advanced Materials</i> , 2015, 27, 2775-2782.	21.0	385
4	Biocompatible PEGylated MoS ₂ nanosheets: Controllable bottom-up synthesis and highly efficient photothermal regression of tumor. <i>Biomaterials</i> , 2015, 39, 206-217.	11.4	304
5	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
6	â€Manganese Extractionâ€Strategy Enables Tumor-Sensitive Biodegradability and Theranostics of Nanoparticles. <i>Journal of the American Chemical Society</i> , 2016, 138, 9881-9894.	13.7	246
7	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
8	Injectable 2D MoS ₂ â€Integrated Drug Delivering Implant for Highly Efficient NIRâ€Triggered Synergistic Tumor Hyperthermia. <i>Advanced Materials</i> , 2015, 27, 7117-7122.	21.0	238
9	A Prussian Blueâ€Based Coreâ€Shell Hollowâ€Structured Mesoporous Nanoparticle as a Smart Theranostic Agent with Ultrahigh pHâ€Responsive Longitudinal Relaxivity. <i>Advanced Materials</i> , 2015, 27, 6382-6389.	21.0	233
10	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
11	Ultrasound-Triggered Nitric Oxide Release Platform Based on Energy Transformation for Targeted Inhibition of Pancreatic Tumor. <i>ACS Nano</i> , 2016, 10, 10816-10828.	14.6	229
12	Perfluorohexaneâ€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
13	Colloidal HPMS Nanoparticles: Silicaâ€Etching Chemistry Tailoring, Topological Transformation, and Nanoâ€Biomedical Applications. <i>Advanced Materials</i> , 2013, 25, 3100-3105.	21.0	205
14	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
15	Ultrasml Cu ₂ S Nanodots for Highly Efficient Photoacoustic Imagingâ€Guided Photothermal Therapy. <i>Small</i> , 2015, 11, 2275-2283.	10.0	184
16	Perfluorooctyl bromide & indocyanine green co-loaded nanoliposomes for enhanced multimodal imaging-guided phototherapy. <i>Biomaterials</i> , 2018, 165, 1-13.	11.4	173
17	Multifunctional Mesoporous Composite Nanocapsules for Highly Efficient MRIâ€Guided Highâ€Intensity Focused Ultrasound Cancer Surgery. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12505-12509.	13.8	166
18	Microbubbles from Gasâ€Generating Perfluorohexane Nanoemulsions for Targeted Temperatureâ€Sensitive Ultrasonography and Synergistic HIFU Ablation of Tumors. <i>Advanced Materials</i> , 2013, 25, 4123-4130.	21.0	160

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19	Prussian Blue Nanozyme with Multienzyme Activity Reduces Colitis in Mice. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26108-26117.	8.0	157
20	Bi ₂ S ₃ -embedded mesoporous silica nanoparticles for efficient drug delivery and interstitial radiotherapy sensitization. <i>Biomaterials</i> , 2015, 37, 447-455.	11.4	156
21	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
22	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
23	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
24	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
25	Endogenous Catalytic Generation of O ₂ Bubbles for <i>In Situ</i> Ultrasound-Guided High Intensity Focused Ultrasound Ablation. <i>ACS Nano</i> , 2017, 11, 9093-9102.	14.6	133
26	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
27	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
28	Biodegradable Fe(III)@WS ₂ -PVP Nanocapsules for Redox Reaction and TME-Enhanced Nanocatalytic, Photothermal, and Chemotherapy. <i>Advanced Functional Materials</i> , 2019, 29, 1901722.	14.9	128
29	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
30	Enabling Prussian Blue with Tunable Localized Surface Plasmon Resonances: Simultaneously Enhanced Dual-Mode Imaging and Tumor Photothermal Therapy. <i>ACS Nano</i> , 2016, 10, 11115-11126.	14.6	123
31	Clearable Theranostic Platform with a pH-Independent Chemodynamic Therapy Enhancement Strategy for Synergetic Photothermal Tumor Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18133-18144.	8.0	120
32	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
33	Multifunctional Graphene Oxide-based Triple Stimuli-Responsive Nanotheranostics. <i>Advanced Functional Materials</i> , 2014, 24, 4386-4396.	14.9	115
34	Engineering Single-Atom Cobalt Catalysts toward Improved Electrocatalysis. <i>Small</i> , 2018, 14, e1704319.	10.0	97
35	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
36	CO ₂ 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

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37	A Multifunctional Theranostic Nanoagent for Dual-Mode Image-Guided HIFU/Chemo- Synergistic Cancer Therapy. <i>Theranostics</i> , 2016, 6, 404-417.	10.0	85
38	A facile synthesis of versatile Cu ²⁺ /S nanoprobe for enhanced MRI and infrared thermal/photoacoustic multimodal imaging. <i>Biomaterials</i> , 2015, 57, 12-21.	11.4	83
39	A continuous tri-phase transition effect for HIFU-mediated intravenous drug delivery. <i>Biomaterials</i> , 2014, 35, 5875-5885.	11.4	80
40	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
41	A Robust ROS Generation Strategy for Enhanced Chemodynamic/Photodynamic Therapy via H ₂ O ₂ /O ₂ Self-Supply and Ca ²⁺ Overloading. <i>Advanced Functional Materials</i> , 2021, 31, 2106106.	14.9	75
42	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
43	Fe ₃ O ₄ Mesocrystals with Distinctive Magnetothermal and Nanoenzyme Activity Enabling Self-Reinforcing Synergistic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19285-19294.	8.0	73
44	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
45	Outside-in synthesis of mesoporous silica/molybdenum disulfide nanoparticles for antitumor application. <i>Chemical Engineering Journal</i> , 2018, 351, 157-168.	12.7	72
46	Photothermal Fenton Nanocatalysts for Synergetic Cancer Therapy in the Second Near-Infrared Window. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30145-30154.	8.0	72
47	Key Single-Atom Electrocatalysis in Metal-Organic Framework (MOF)-Derived Bifunctional Catalysts. <i>ChemSusChem</i> , 2018, 11, 3473-3479.	6.8	71
48	Photothermal-Promoted Nanocatalysis Combined with H ₂ S-Mediated Respiration Inhibition for Efficient Cancer Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2007991.	14.9	70
49	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
50	Breaking the Redox Homeostasis: an Albumin-Based Multifunctional Nanoagent for GSH Depletion-Assisted Chemo-Chemodynamic Combination Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2100355.	14.9	66
51	Injectable and thermally contractible hydroxypropyl methyl cellulose/Fe ₃ O ₄ for magnetic hyperthermia ablation of tumors. <i>Biomaterials</i> , 2017, 128, 84-93.	11.4	64
52	Drug delivery/imaging multifunctionality of mesoporous silica-based composite nanostructures. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 917-930.	5.0	62
53	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
54	Numerical self-consistent-field method to solve the Kohn-Sham equations in confined many-electron atoms. <i>Physical Review E</i> , 1998, 58, 3949-3954.	2.1	61

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55	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
56	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
57	2D nanostructures beyond graphene: preparation, biocompatibility and biodegradation behaviors. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2974-2989.	5.8	50
58	Double-scattering/reflection in a Single Nanoparticle for Intensified Ultrasound Imaging. <i>Scientific Reports</i> , 2015, 5, 8766.	3.3	49
59	Dual-Mesoporous ZSM-5 Zeolite with Highly <i>b</i> -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
60	Synergistic retention strategy of RGD active targeting and radiofrequency-enhanced permeability for intensified RF & chemotherapy synergistic tumor treatment. <i>Biomaterials</i> , 2016, 99, 34-46.	11.4	44
61	H ₂ O ₂ -responsive theranostic nanomedicine. <i>Chinese Chemical Letters</i> , 2017, 28, 1841-1850.	9.0	44
62	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
63	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
64	Magnesium-Engineered Silica Framework for pH-Accelerated Biodegradation and DNase-Triggered Chemotherapy. <i>Small</i> , 2018, 14, e1800708.	10.0	41
65	Reshaping the Tumor Immune Microenvironment Based on a Light-Activated Nanoplatform for Efficient Cancer Therapy. <i>Advanced Materials</i> , 2022, 34, e2108908.	21.0	41
66	Hyalase-Mediated Cascade Degradation of a Matrix Barrier and Immune Cell Penetration by a Photothermal Microneedle for Efficient Anticancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26790-26799.	8.0	40
67	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
68	Microfluidics-Assisted Surface Trifunctionalization of a Zeolitic Imidazolate Framework Nanocarrier for Targeted and Controllable Multitherapies of Tumors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45838-45849.	8.0	39
69	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
70	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
71	Self-assembly hollow manganese Prussian white nanocapsules attenuate Tau-related neuropathology and cognitive decline. <i>Biomaterials</i> , 2020, 231, 119678.	11.4	37
72	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

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73	Engineering graphene oxide with ultras-small SPIONs and smart drug release for cancer theranostics. <i>Chemical Communications</i> , 2019, 55, 1963-1966.	4.1	35
74	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
75	Highly active MnO _x /CeO ₂ catalyst for diesel soot combustion. <i>RSC Advances</i> , 2017, 7, 3233-3239.	3.6	33
76	Electron density delocalization in many-electron atoms confined by penetrable walls: A Hartree-Fock study. <i>International Journal of Quantum Chemistry</i> , 2018, 118, e25571.	2.0	33
77	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
78	Template-Free Synthesis of Hollow/Porous Organosilica/Fe ₃ O ₄ Hybrid Nanocapsules toward Magnetic Resonance Imaging-Guided High-Intensity Focused Ultrasound Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29986-29996.	8.0	32
79	Multi-metallic catalysts for the electroreduction of carbon dioxide: Recent advances and perspectives. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 155, 111922.	16.4	32
80	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
81	Synthesis and Surface Engineering of Inorganic Nanomaterials Based on Microfluidic Technology. <i>Nanomaterials</i> , 2020, 10, 1177.	4.1	30
82	Facile synthesis of spinel Cu _{1.5} Mn _{1.5} O ₄ microspheres with high activity for the catalytic combustion of diesel soot. <i>RSC Advances</i> , 2017, 7, 20451-20459.	3.6	28
83	Ultrasound-Enhanced Delivery of Doxorubicin-Loaded Nanodiamonds from Pullulan-all-trans-Retinal Nanoparticles for Effective Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20341-20349.	8.0	28
84	A self-activating nanovesicle with oxygen-depleting capability for efficient hypoxia-responsive chemo-thermo cancer therapy. <i>Biomaterials</i> , 2021, 269, 120533.	11.4	27
85	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
86	Solution of the Kohn-Sham equations for many-electron atoms confined by penetrable walls. <i>Theoretical Chemistry Accounts</i> , 2016, 135, 1.	1.4	24
87	Nitrogen-Doped Carbon Vesicles with Dual Iron-Based Sites for Efficient Oxygen Reduction. <i>ChemSusChem</i> , 2017, 10, 499-505.	6.8	24
88	Tuning the Performance of Single-Atom Electrocatalysts: Support-Induced Structural Reconstruction. <i>Chemistry of Materials</i> , 2018, 30, 7494-7502.	6.7	24
89	Transferrin Receptor-Mediated Sequential Intercellular Nanoparticles Relay for Tumor Deep Penetration and Sonodynamic Therapy. <i>Advanced Therapeutics</i> , 2019, 2, 1800152.	3.2	24
90	Microfluidics-Assisted Engineering of pH/Enzyme Dual-Activatable ZIF@Polymer Nanosystem for Co-Delivery of Proteins and Chemotherapeutics with Enhanced Deep Tumor Penetration. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	24

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91	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
92	Tuning selectivity of electrochemical reduction reaction of CO ₂ by atomically dispersed Pt into SnO ₂ nanoparticles. <i>Chemical Engineering Journal</i> , 2022, 430, 133035.	12.7	23
93	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
94	Modeling Pressure Effects on the Electronic Properties of Ca, Sr, and Ba by the Confined Atoms Model. <i>Advances in Quantum Chemistry</i> , 2009, 58, 1-12.	0.8	21
95	Self-cycling redox nanoplatfom in synergy with mild magnetothermal and autophagy inhibition for efficient cancer therapy. <i>Nano Today</i> , 2022, 43, 101374.	11.9	21
96	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
97	Facile synthesis of liposome/Cu ₂ S-based nanocomposite for multimodal imaging and photothermal therapy. <i>Science China Materials</i> , 2015, 58, 294-301.	6.3	19
98	Marriage Strategy of Structure and Composition Designs for Intensifying Ultrasound & MR & CT Trimodal Contrast Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18590-18599.	8.0	19
99	Fabrication of a mesoporous Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O _{3-δ} perovskite as a low-cost and efficient catalyst for oxygen reduction. <i>Dalton Transactions</i> , 2017, 46, 13903-13911.	3.3	18
100	Targeted Therapeutic-Immunomodulatory Nanoplatform Based on Noncrystalline Selenium. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 45404-45415.	8.0	18
101	Rational Construction of Light-Driven Catalysts for CO ₂ Reduction. <i>Energy & Fuels</i> , 2021, 35, 5696-5715.	5.1	18
102	Preparation of Er ³⁺ /Yb ³⁺ co-doped zeolite-derived silica glass and its upconversion luminescence property. <i>Ceramics International</i> , 2013, 39, 8865-8868.	4.8	17
103	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
104	Na ⁺ -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
105	MOF-Derived Cu/Bi Bi-metallic Catalyst to Enhance Selectivity Toward Formate for CO ₂ Electroreduction. <i>ChemElectroChem</i> , 2022, 9, .	3.4	17
106	Hierarchically Porous SnO ₂ -Coupled Organic Carbon for CO ₂ Electroreduction. <i>ChemSusChem</i> , 2020, 13, 5896-5900.	6.8	16
107	Surface Stability and Morphology of Calcium Phosphate Tuned by pH Values and Lactic Acid Additives: Theoretical and Experimental Study. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4836-4851.	8.0	16
108	Protein-based nanoplatforms for tumor imaging and therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1616.	6.1	15

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109	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
110	On-Demand Detaching Nanosystem for the Spatiotemporal Control of Cancer Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16285-16295.	8.0	14
111	Sodium carbonate-assisted synthesis of hierarchically porous single-crystalline nanosized zeolites. <i>Science Bulletin</i> , 2017, 62, 1018-1024.	9.0	13
112	Multifaceted application of nanoparticle-based labeling strategies for stem cell therapy. <i>Nano Today</i> , 2020, 34, 100897.	11.9	13
113	One-pot synthesis of mesoporous CuO _x /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.	3.3	12
114	A highly dispersed mesoporous zeolite@TiO ₂ supported Pt for enhanced sulfur-resistance catalytic CO oxidation. <i>Catalysis Communications</i> , 2020, 142, 106042.	3.3	12
115	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
116	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
117	Construction of Heterostructured Sn/TiO ₂ /Si Photocathode for Efficient Photoelectrochemical CO ₂ Reduction. <i>ChemSusChem</i> , 2022, 15, .	6.8	11
118	One Step Template-Free Synthesis of Mesoporous MnO _x /CeO ₂ Nanocomposite Oxides with Enhanced Low Temperature Catalytic Activity for CO and Hydrocarbon Oxidation. <i>Catalysis Letters</i> , 2016, 146, 1355-1360.	2.6	10
119	Low Pt-Loaded Mesoporous Sodium Germanate as a High-Performance Electrocatalyst for the Oxygen Reduction Reaction. <i>ChemSusChem</i> , 2016, 9, 2337-2342.	6.8	10
120	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
121	Electron Density Analysis for the H ₂ ⁺ System Confined by Hard Walls: The Chemical Bond Under Extreme Conditions. <i>Annalen Der Physik</i> , 2019, 531, 1800476.	2.4	10
122	A Bismuth Species-Decorated ZnO/p-Si Photocathode for High Selectivity of Formate in CO ₂ Photoelectrochemical Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2380-2387.	6.7	10
123	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
124	Design strategy of optical probes for tumor hypoxia imaging. <i>Science China Life Sciences</i> , 2020, 63, 1786-1797.	4.9	9
125	Nanomedicine: Break-up of Two-Dimensional MnO ₂ Nanosheets Promotes Ultrasensitive pH-Triggered Theranostics of Cancer (Adv. Mater. 41/2014). <i>Advanced Materials</i> , 2014, 26, 7018-7018.	21.0	8
126	Boosting neutral hydrogen evolution reaction on iridium by support effect of W ₁₈ O ₄₉ . <i>Applied Catalysis A: General</i> , 2021, 623, 118293.	4.3	8

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127	Nanosized Hollow Colloidal Organosilica Nanospheres with High Elasticity for Contrast-Enhanced Ultrasonography of Tumors. ACS Biomaterials Science and Engineering, 2018, 4, 248-256.	5.2	7
128	A metal protoporphyrin-induced nano-self-assembly for potentiating photothermal therapy by depleting antioxidant defense systems. Chemical Engineering Journal, 2021, 420, 129769.	12.7	7
129	TiO ₂ and Cu _{1.5} Mn _{1.5} O ₄ co-modified hierarchically porous zeolite Beta for soot oxidation with excellent sulfur-resistance and stability. Dalton Transactions, 2017, 46, 6111-6116.	3.3	6
130	Nanoflower-like Mg-doped MnOx for facile removal of low-concentration NOx at room temperature. Catalysis Communications, 2017, 97, 70-73.	3.3	6
131	Probing Nitrogen Doping Effects in the Core-Shell Structured Catalysts for Bifunctional Electrocatalysis.. ChemCatChem, 2018, 10, 4248-4252.	3.7	6
132	Recent development of multifunctional responsive gas-releasing nanoplatfoms for tumor therapeutic application. Nano Research, 2023, 16, 3924-3938.	10.4	6
133	Symmetry-breaking assembled porous calcite microspheres and their multiple dental applications. Science China Materials, 2017, 60, 516-528.	6.3	5
134	Hypoxia-Induced Photogenic Radicals by Eosin Y for Efficient Phototherapy of Hypoxic Tumors. ACS Applied Bio Materials, 2020, 3, 8962-8969.	4.6	5
135	Stepwise drug release from a nanoplatfom under MR-assisted focused ultrasound stimulation. Chemical Engineering Journal, 2021, 417, 128004.	12.7	4
136	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, 0, , .	2.0	4
137	A NTR and O2 programmed responsive photogenic radicals for efficient hypoxia cancer therapy. Sensors and Actuators B: Chemical, 2022, 369, 132311.	7.8	4
138	Disulfide Bond Reversible Strategy Enables GSH Responsive Transferrin Nanoparticles for Precise Chemotherapy. Advanced Therapeutics, 2020, 3, 2000064.	3.2	3
139	A cation exchange strategy to construct a targeting nanoprobe for enhanced T ₁ -weighted MR imaging of tumors. Journal of Materials Chemistry B, 2020, 8, 8519-8526.	5.8	3
140	One pot synthesis of mesostructured non-silica oxides nanocrystallites. Journal of Materials Science, 2009, 44, 6531-6537.	3.7	2
141	Nanoparticles: Colloidal HPMO Nanoparticles: Silica Etching Chemistry Tailoring, Topological Transformation, and Nano-Biomedical Applications (Adv. Mater. 22/2013). Advanced Materials, 2013, 25, 3136-3136.	21.0	2
142	La ₂ O ₃ -Induced phase composition oscillation in La-Cu mixed oxides during repeated catalytic soot combustion. Catalysis Science and Technology, 2019, 9, 5100-5110.	4.1	2
143	Efficient electrocatalytic CO ₂ conversion into formate with AlxBi _{1-x} O ₂ nanorods in a wide potential window. Catalysis Science and Technology, 0, , .	4.1	2
144	Simultaneous Al ₂ O ₃ Doping and Sulfation in Hierarchically Porous ZrO ₂ Solid Acids by an One-pot Synthesis for Enhanced Recycling Catalytic Performances. Chinese Journal of Chemistry, 2011, 29, 483-488.	4.9	1

#	ARTICLE	IF	CITATIONS
145	Facile synthesis and large third-order optical nonlinearity of Manganese-loaded mesoporous silica thin films. <i>Materials Letters</i> , 2010, 64, 1626-1629.	2.6	0