Jianlin Shi

List of Publications by Year
in descending order

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353 papers	49,769 citations	831 121 h-index	1964 213 g-index
365 all docs	365 docs citations	365 times ranked	42613 citing authors

#	Article	IF	Citations
1	Exploring the enhancement effects of hetero-metal doping in CeO2 on CO2 photocatalytic reduction performance. Chemical Engineering Journal, 2022, 427, 130987.	6.6	34
2	Nanomedicine-Leveraged Intratumoral Coordination and Redox Reactions of Dopamine for Tumor-Specific Chemotherapy. CCS Chemistry, 2022, 4, 1499-1509.	4.6	16
3	Persistent luminescence phosphor as in-vivo light source for tumoral cyanobacterial photosynthetic oxygenation and photodynamic therapy. Bioactive Materials, 2022, 10, 131-144.	8.6	23
4	Efficient benzaldehyde photosynthesis coupling photocatalytic hydrogen evolution. Journal of Energy Chemistry, 2022, 66, 52-60.	7.1	37
5	Co-electrolysis toward value-added chemicals. Science China Materials, 2022, 65, 1-9.	3.5	32
6	Biodegradable and self-fluorescent ditelluride-bridged mesoporous organosilica/polyethylene glycol-curcumin nanocomposite for dual-responsive drug delivery and enhanced therapy efficiency. Materials Today Chemistry, 2022, 23, 100660.	1.7	8
7	An electrochemically reconstructed WC/WO₂â€“WO₃ heterostructure as a highly efficient hydrogen oxidation electrocatalyst. Journal of Materials Chemistry A, 2022, 10, 622-631.	5.2	15
8	Microbiotic nanomedicine for tumor-specific chemotherapy-synergized innate/adaptive antitumor immunity. Nano Today, 2022, 42, 101377.	6.2	46
9	Nickel-Tungsten Nano-Alloying for High-Performance hydrogen Electro-Catalytic oxidation. Chemical Engineering Journal, 2022, 432, 134189.	6.6	17
10	Pt NPs-loaded siloxene nanosheets for hydrogen co-evolutions from Zn-H2O fuel cells-powered water-splitting. Applied Catalysis B: Environmental, 2022, 304, 121008.	10.8	27
11	Efficient ammonia electrosynthesis by coupling to concurrent methanol oxidation. Chem Catalysis, 2022, 2, 358-371.	2.9	11
12	Nanomedicine-enabled chemotherapy-based synergetic cancer treatments. Journal of Nanobiotechnology, 2022, 20, 4.	4.2	49
13	Nâ€Ðoped Carbon Electrocatalyst: Marked ORR Activity in Acidic Media without the Contribution from Metal Sites?. Angewandte Chemie - International Edition, 2022, 61, .	7.2	90
14	5â€ƒMaternal gestational nutrition perturbs small RNA code in offspring sperm in sheep. Reproduction, Fertility and Development, 2022, 34, 236.	0.1	0
15	Interfacial-confined coordination to single-atom nanotherapeutics. Nature Communications, 2022, 13, 91.	5.8	49
16	Nâ€Ðoped Carbon Electrocatalyst: Marked ORR Activity in Acidic Media without the Contribution from Metal Sites?. Angewandte Chemie, 2022, 134, .	1.6	7
17	Mild hyperthermia-mediated osteogenesis and angiogenesis play a critical role in magnetothermal composite-induced bone regeneration. Nano Today, 2022, 43, 101401.	6.2	35
18	Enhancing Tumor Catalytic Therapy by Coâ€Catalysis. Angewandte Chemie, 2022, 134, .	1.6	11

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19	Emerging Newâ€Generation Detecting and Sensing of Metal Halide Perovskites. Advanced Electronic Materials, 2022, 8, .	2.6	17
20	Enhancing Tumor Catalytic Therapy by Coâ€Catalysis. Angewandte Chemie - International Edition, 2022, 61, .	7.2	51
21	Bridging oxidase catalysis and oxygen reduction electrocatalysis by model single-atom catalysts. National Science Review, 2022, 9, .	4.6	19
22	Selfâ€Coâ€Electrolysis for Coâ€Production of Phosphate and Hydrogen in Neutral Phosphate Buffer Electrolyte. Advanced Materials, 2022, 34, e2200058.	11.1	17
23	Biomimetic Nanomedicine-Triggered in Situ Vaccination for Innate and Adaptive Immunity Activations for Bacterial Osteomyelitis Treatment. ACS Nano, 2022, 16, 5943-5960.	7.3	38
24	Low Colorectal Tumor Removal by E-Cadherin Destruction-Enabled Tumor Cell Dissociation. Nano Letters, 2022, 22, 2769-2779.	4.5	9
25	Electron redistribution of ruthenium-tungsten oxides Mott-Schottky heterojunction for enhanced hydrogen evolution. Applied Catalysis B: Environmental, 2022, 308, 121229.	10.8	69
26	In Situ Synthesis of Natural Antioxidase Mimics for Catalytic Anti-Inflammatory Treatments: Rheumatoid Arthritis as an Example. Journal of the American Chemical Society, 2022, 144, 314-330.	6.6	46
27	A Ni/Ni2P heterostructure in modified porous carbon separator for boosting polysulfide catalytic conversion. Science China Materials, 2022, 65, 2453-2462.	3.5	10
28	Construction of a two-dimensional artificial antioxidase for nanocatalytic rheumatoid arthritis treatment. Nature Communications, 2022, 13, 1988.	5.8	59
29	Dual Inhibitions on Glucose/Glutamine Metabolisms for Nontoxic Pancreatic Cancer Therapy. ACS Applied Materials & Interfaces, 2022, 14, 21836-21847.	4.0	14
30	Acid Neutralization and Immune Regulation by Calciumâ€“Aluminum-Layered Double Hydroxide for Osteoporosis Reversion. Journal of the American Chemical Society, 2022, 144, 8987-8999.	6.6	30
31	Ultrauniformly Dispersed Cu Nanoparticles Embedded in N-Doped Carbon as a Robust Oxygen Electrocatalyst. ACS Sustainable Chemistry and Engineering, 2022, 10, 6370-6381.	3.2	15
32	Computation-Aided Discovery and Synthesis of 2D PrOBr Photocatalyst. ACS Energy Letters, 2022, 7, 1980-1986.	8.8	7
33	Probiotic Engineering and Targeted Sonoimmunoâ€Therapy Augmented by STING Agonist. Advanced Science, 2022, 9, .	5.6	16
34	Fe²⁺/Fe³⁺ Cycling for Coupling Selfâ€Powered Hydrogen Evolution and Preparation of Electrode Catalysts. Angewandte Chemie - International Edition, 2022, 61, .	7.2	8
35	Modulation of mitochondrial electron transport chain by pyroptosis nanoagonists for photoresponsive tumor destruction. Nano Today, 2022, 44, 101511.	6.2	14
36	Nonâ€PCR Ultrasensitive Detection of Viral RNA by a Nanoprobeâ€Coupling Strategy: SARSâ€CoVâ€2 as an Example. Advanced Healthcare Materials, 2022, 11, .	3.9	4

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37	Fe²⁺/Fe³⁺ Cycling for Coupling Selfâ€Powered Hydrogen Evolution and Preparation of Electrode Catalysts. Angewandte Chemie, 2022, 134, .	1.6	4
38	Water-Enabled H₂ Generation from Hydrogenated Silicon Nanosheets for Efficient Anti-Inflammation. Journal of the American Chemical Society, 2022, 144, 14195-14206.	6.6	18
39	Formic Acid Electroâ€Synthesis by Concurrent Cathodic CO₂ Reduction and Anodic CH₃OH Oxidation. Angewandte Chemie - International Edition, 2021, 60, 3148-3155.	7.2	181
40	Formic Acid Electroâ€Synthesis by Concurrent Cathodic CO 2 Reduction and Anodic CH 3 OH Oxidation. Angewandte Chemie, 2021, 133, 3185-3192.	1.6	19
41	Electrocatalytic Hydrogen Production Trilogy. Angewandte Chemie, 2021, 133, 19702-19723.	1.6	114
42	SnO2/CeO2 nanoparticle-decorated mesoporous ZSM-5 as bifunctional electrocatalyst for HOR and ORR. Chemical Engineering Journal, 2021, 417, 127913.	6.6	21
43	Ru to W electron donation for boosted HER from acidic to alkaline on Ru/WNO sponges. Nano Energy, 2021, 80, 105531.	8.2	85
44	Engineering 2D Multifunctional Ultrathin Bismuthene for Multiple Photonic Nanomedicine. Advanced Functional Materials, 2021, 31, 2005093.	7.8	40
45	Electrocatalytic Hydrogen Production Trilogy. Angewandte Chemie - International Edition, 2021, 60, 19550-19571.	7.2	220
46	Dual synergetic catalytic effects boost hydrogen electric oxidation performance of Pd/W18O49. Nano Research, 2021, 14, 2441-2450.	5.8	15
47	Tumor chemical suffocation therapy by dual respiratory inhibitions. Chemical Science, 2021, 12, 7763-7769.	3.7	14
48	Nanocatalytic Medicine of Iron-Based Nanocatalysts. CCS Chemistry, 2021, 3, 2445-2463.	4.6	22
49	Upconversion Nanoparticles Hybridized Cyanobacterial Cells for Nearâ€Infrared Mediated Photosynthesis and Enhanced Photodynamic Therapy. Advanced Functional Materials, 2021, 31, 2010196.	7.8	45
50	NiMo Nanoparticles Anchored on N-Doped Carbon Rods for High-Efficiency Hydrogen Electrooxidation in Alkaline Media. ACS Applied Materials & Interfaces, 2021, 13, 15475-15481.	4.0	14
51	Dual Size/Chargeâ€Switchable Nanocatalytic Medicine for Deep Tumor Therapy. Advanced Science, 2021, 8, 2002816.	5.6	48
52	Transitional Metalâ€Based Noncatalytic Medicine for Tumor Therapy. Advanced Healthcare Materials, 2021, 10, e2001819.	3.9	28
53	Nanocatalytic Innate Immunity Activation by Mitochondrial DNA Oxidative Damage for Tumorâ€Specific Therapy. Advanced Materials, 2021, 33, e2008065.	11.1	78
54	Mild Magnetic Hyperthermia-Activated Innate Immunity for Liver Cancer Therapy. Journal of the American Chemical Society, 2021, 143, 8116-8128.	6.6	87

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55	Multi-enzymatic activities of ultrasmall ruthenium oxide for anti-inflammation and neuroprotection. Chemical Engineering Journal, 2021, 411, 128543.	6.6	32
56	Engineering single MnN4 atomic active sites on polydopamine-modified helical carbon tubes towards efficient oxygen reduction. Energy Storage Materials, 2021, 37, 274-282.	9.5	47
57	Cooperative organizations of small molecular surfactants and amphiphilic block copolymers: Roles of surfactants in the formation of binary coâ€assemblies. Aggregate, 2021, 2, e49.	5.2	10
58	Defect Engineering of Photocatalysts towards Elevated CO₂ Reduction Performance. ChemSusChem, 2021, 14, 2635-2654.	3.6	19
59	Intratumoral synthesis of nano-metalchelate for tumor catalytic therapy by ligand field-enhanced coordination. Nature Communications, 2021, 12, 3393.	5.8	57
60	Starvation-Sensitized and Oxygenation-Promoted Tumor Sonodynamic Therapy by a Cascade Enzymatic Approach. Research, 2021, 2021, 9769867.	2.8	11
61	Defect Engineering of Mesoporous Silica Nanoparticles for Biomedical Applications. Accounts of Materials Research, 2021, 2, 581-593.	5.9	20
62	CoNiFe-LDHs decorated Ta3N5 nanotube array photoanode for remarkably enhanced photoelectrochemical glycerol conversion coupled with hydrogen generation. Nano Energy, 2021, 89, 106326.	8.2	34
63	Metalâ€“Nitrogenâ€“Carbon Catalysts of Specifically Coordinated Configurations toward Typical Electrochemical Redox Reactions. Advanced Materials, 2021, 33, e2100997.	11.1	60
64	Confined structure regulations of molybdenum oxides for efficient tumor photothermal therapy. Science China Materials, 2021, 64, 3087-3100.	3.5	7
65	Freestanding germanene nanosheets for rapid degradation and photothermal conversion. Materials Today Nano, 2021, 15, 100119.	2.3	29
66	MnO₂ Electrocatalysts Coordinating Alcohol Oxidation for Ultraâ€Durable Hydrogen and Chemical Productions in Acidic Solutions. Angewandte Chemie, 2021, 133, 21634-21642.	1.6	14
67	MnO₂ Electrocatalysts Coordinating Alcohol Oxidation for Ultraâ€Durable Hydrogen and Chemical Productions in Acidic Solutions. Angewandte Chemie - International Edition, 2021, 60, 21464-21472.	7.2	93
68	Magnetostrictive-Piezoelectric-Triggered Nanocatalytic Tumor Therapy. Nano Letters, 2021, 21, 6764-6772.	4.5	75
69	FeP modified polymeric carbon nitride as a noble-metal-free photocatalyst for efficient CO2 reduction. Catalysis Communications, 2021, 156, 106326.	1.6	13
70	A nonferrous ferroptosis-like strategy for antioxidant inhibitionâ€“synergized nanocatalytic tumor therapeutics. Science Advances, 2021, 7, eabj8833.	4.7	147
71	Highly selective and efficient electrocatalytic synthesis of glycolic acid in coupling with hydrogen evolution. Chem Catalysis, 2021, 1, 941-955.	2.9	73
72	Reductantâ€Free Synthesis of MnO₂ Nanosheetâ€Decorated Hybrid Nanoplatform for Magnetic Resonance Imagingâ€Monitored Tumor Microenvironmentâ€Responsive Chemodynamic Therapy and Nearâ€Infraredâ€Mediated Photodynamic Therapy. Small Structures, 2021, 2, 2100116.	6.9	20

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73	Photosynthetic Cyanobacteriaâ€Hybridized Black Phosphorus Nanosheets for Enhanced Tumor Photodynamic Therapy. Small, 2021, 17, e2102113.	5.2	46
74	Hydrogen Evolution/Oxidation Electrocatalysts by the Self-Activation of Amorphous Platinum. ACS Applied Materials & Interfaces, 2021, 13, 44224-44233.	4.0	12
75	Emerging electrocatalysts for PEMFCs applications: Tungsten oxide as an example. Chemical Engineering Journal, 2021, 421, 129430.	6.6	18
76	Emerging two-dimensional silicene nanosheets for biomedical applications. Materials Today Nano, 2021, 16, 100132.	2.3	19
77	A Ti-OH bond breaking route for creating oxygen vacancy in titania towards efficient CO2 photoreduction. Chemical Engineering Journal, 2021, 425, 131513.	6.6	23
78	Magnetoâ€Based Synergetic Therapy for Implantâ€Associated Infections via Biofilm Disruption and Innate Immunity Regulation. Advanced Science, 2021, 8, 2004010.	5.6	61
79	Singleâ€Atom Catalysts for Nanocatalytic Tumor Therapy. Small, 2021, 17, e2004467.	5.2	72
80	Niobium Carbide MXene Augmented Medical Implant Elicits Bacterial Infection Elimination and Tissue Regeneration. ACS Nano, 2021, 15, 1086-1099.	7.3	135
81	Functional nanomaterials in peripheral nerve regeneration: Scaffold design, chemical principles and microenvironmental remodeling. Materials Today, 2021, 51, 165-187.	8.3	87
82	Endogenous Copper for Nanocatalytic Oxidative Damage and Self-Protection Pathway Breakage of Cancer. ACS Nano, 2021, 15, 16286-16297.	7.3	35
83	Hydrogen-bonded silicene nanosheets of engineered bandgap and selective degradability for photodynamic therapy. Biomaterials, 2021, 278, 121172.	5.7	21
84	Superstable and Large-Scalable Organosilica-Micellar Hybrid Nanosystem via a Confined Gelation Strategy for Ultrahigh-Dosage Chemotherapy. Nano Letters, 2021, 21, 9388-9397.	4.5	12
85	Electronic Structure Regulations of Polymeric Carbon Nitride via Molecular Engineering for Enhanced Photocatalytic Activity. Solar Rrl, 2021, 5, 2100569.	3.1	1
86	GSH/pH dual-responsive supramolecular hybrid vesicles for synergistic enzymatic/chemo-tumor therapy. Applied Materials Today, 2020, 18, 100458.	2.3	8
87	Photosynthetic Tumor Oxygenation by Photosensitizerâ€Containing Cyanobacteria for Enhanced Photodynamic Therapy. Angewandte Chemie, 2020, 132, 1922-1929.	1.6	20
88	Photosynthetic Tumor Oxygenation by Photosensitizerâ€Containing Cyanobacteria for Enhanced Photodynamic Therapy. Angewandte Chemie - International Edition, 2020, 59, 1906-1913.	7.2	131
89	Oneâ€Pot Synthesized Nickelâ€Doped Hierarchically Porous Beta Zeolite for Enhanced Methanol Electrocatalytic Oxidation Activity. ChemCatChem, 2020, 12, 6285-6290.	1.8	6
90	A materials-science perspective on tackling COVID-19. Nature Reviews Materials, 2020, 5, 847-860.	23.3	228

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91	Inorganic nanoparticles in clinical trials and translations. Nano Today, 2020, 35, 100972.	6.2	138
92	Chemistry of Advanced Nanomedicines in Cancer Cell Metabolism Regulation. Advanced Science, 2020, 7, 2001388.	5.6	20
93	Bioinspired Copper Singleâ€Atom Catalysts for Tumor Parallel Catalytic Therapy. Advanced Materials, 2020, 32, e2002246.	11.1	230
94	In Situ Electrochemical Mn(III)/Mn(IV) Generation of Mn(II)O Electrocatalysts for High-Performance Oxygen Reduction. Nano-Micro Letters, 2020, 12, 161.	14.4	64
95	Highly Efficient and Selective CO₂Electroâ€Reduction to HCOOH on Sn Particleâ€Decorated Polymeric Carbon Nitride. ChemSusChem, 2020, 13, 6442-6448.	3.6	30
96	Probing the effect of P-doping in polymeric carbon nitride on CO₂ photocatalytic reduction. Dalton Transactions, 2020, 49, 15750-15757.	1.6	17
97	Nanoplatform-based cascade engineering for cancer therapy. Chemical Society Reviews, 2020, 49, 9057-9094.	18.7	109
98	Size effects of platinum particles@CNT on HER and ORR performance. Science China Materials, 2020, 63, 2517-2529.	3.5	52
99	Modulation strategies of Cu-based electrocatalysts for efficient nitrogen reduction. Journal of Materials Chemistry A, 2020, 8, 20286-20293.	5.2	35
100	Ascorbate Tumor Chemotherapy by An Iron-Engineered Nanomedicine-Catalyzed Tumor-Specific Pro-Oxidation. Journal of the American Chemical Society, 2020, 142, 21775-21785.	6.6	80
101	Multifunctional 2D porous g-C3N4 nanosheets hybridized with 3D hierarchical TiO2 microflowers for selective dye adsorption, antibiotic degradation and CO2 reduction. Chemical Engineering Journal, 2020, 396, 125347.	6.6	138
102	Mild generation of surface oxygen vacancies on CeO₂ for improved CO₂ photoreduction activity. Nanoscale, 2020, 12, 12374-12382.	2.8	37
103	Efficient Gene Therapy of Pancreatic Cancer via a Peptide Nucleic Acid (PNA)â€Loaded Layered Double Hydroxides (LDH) Nanoplatform. Small, 2020, 16, e1907233.	5.2	34
104	Oxygen Pathology and Oxygen-Functional Materials for Therapeutics. Matter, 2020, 2, 1115-1147.	5.0	8
105	Piezocatalytic Tumor Therapy by Ultrasoundâ€Triggered and BaTiO₃â€Mediated Piezoelectricity. Advanced Materials, 2020, 32, e2001976.	11.1	320
106	Tumorâ€Specific Chemotherapy by Nanomedicineâ€Enabled Differential Stress Sensitization. Angewandte Chemie - International Edition, 2020, 59, 9693-9701.	7.2	85
107	Copperâ€Enriched Prussian Blue Nanomedicine for In Situ Disulfiram Toxification and Photothermal Antitumor Amplification. Advanced Materials, 2020, 32, e2000542.	11.1	112
108	Tumorâ€Specific Chemotherapy by Nanomedicineâ€Enabled Differential Stress Sensitization. Angewandte Chemie, 2020, 132, 9780-9788.	1.6	13

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109	Tumor Cell Dissociation Removes Malignant Bladder Tumors. CheM, 2020, 6, 2283-2299.	5.8	33
110	Nanomaterials/microorganism-integrated microbiotic nanomedicine. Nano Today, 2020, 32, 100854.	6.2	35
111	A Metalâ€Organic Framework (MOF) Fenton Nanoagentâ€Enabled Nanocatalytic Cancer Therapy in Synergy with Autophagy Inhibition. Advanced Materials, 2020, 32, e1907152.	11.1	220
112	Augmenting Tumorâ€Starvation Therapy by Cancer Cell Autophagy Inhibition. Advanced Science, 2020, 7, 1902847.	5.6	76
113	Electron Configuration Modulation of Nickel Single Atoms for Elevated Photocatalytic Hydrogen Evolution. Angewandte Chemie, 2020, 132, 6894-6898.	1.6	49
114	Electron Configuration Modulation of Nickel Single Atoms for Elevated Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2020, 59, 6827-6831.	7.2	142
115	Combined Magnetic Hyperthermia and Immune Therapy for Primary and Metastatic Tumor Treatments. ACS Nano, 2020, 14, 1033-1044.	7.3	161
116	Developing New Cancer Nanomedicines by Repurposing Old Drugs. Angewandte Chemie, 2020, 132, 22013-22022.	1.6	0
117	Developing New Cancer Nanomedicines by Repurposing Old Drugs. Angewandte Chemie - International Edition, 2020, 59, 21829-21838.	7.2	38
118	Near-Infrared Voltage Nanosensors Enable Real-Time Imaging of Neuronal Activities in Mice and Zebrafish. Journal of the American Chemical Society, 2020, 142, 7858-7867.	6.6	41
119	Structure Engineering of a Lanthanideâ€Based Metalâ€“Organic Framework for the Regulation of Dynamic Ranges and Sensitivities for Pheochromocytoma Diagnosis. Advanced Materials, 2020, 32, e2000791.	11.1	33
120	Rational design of high nitrogen-doped and coreâ€“shell/mesoporous carbon nanospheres with high rate capability and cycling longevity for pseudocapacitive sodium storage. Journal of Materials Chemistry A, 2020, 8, 9768-9775.	5.2	28
121	A highly sensitive and selective nanosensor for near-infrared potassium imaging. Science Advances, 2020, 6, eaax9757.	4.7	56
122	Recurrent Extra-gastrointestinal Stromal Tumor of the Vagina: A Case Report and Review of the Literature. Nigerian Journal of Clinical Practice, 2020, 23, 1776.	0.2	2
123	Nanocatalystsâ€Augmented and Photothermalâ€Enhanced Tumorâ€Specific Sequential Nanocatalytic Therapy in Both NIRâ€I and NIRâ€II Biowindows. Advanced Materials, 2019, 31, e1805919.	11.1	347
124	Nanocatalytic Medicine. Advanced Materials, 2019, 31, e1901778.	11.1	396
125	Silicene: Wetâ€Chemical Exfoliation Synthesis and Biodegradable Tumor Nanomedicine. Advanced Materials, 2019, 31, e1903013.	11.1	112
126	Enhanced Tumor-Specific Disulfiram Chemotherapy by In Situ Cu²⁺ Chelation-Initiated Nontoxicity-to-Toxicity Transition. Journal of the American Chemical Society, 2019, 141, 11531-11539.	6.6	237

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127	Cryogenic Exfoliation of Nonâ€layered Magnesium into Twoâ€Dimensional Crystals. Angewandte Chemie, 2019, 131, 8906-8910.	1.6	2
128	Gradient Redox-Responsive and Two-Stage Rocket-Mimetic Drug Delivery System for Improved Tumor Accumulation and Safe Chemotherapy. Nano Letters, 2019, 19, 8690-8700.	4.5	60
129	Carbon-vacancy modified graphitic carbon nitride: enhanced CO₂ photocatalytic reduction performance and mechanism probing. Journal of Materials Chemistry A, 2019, 7, 1556-1563.	5.2	178
130	Oneâ€Step Synthesis of W₂C@N,Pâ€C Nanocatalysts for Efficient Hydrogen Electrooxidation across the Whole pH Range. Advanced Functional Materials, 2019, 29, 1902505.	7.8	42
131	Construction of Singleâ€ironâ€Atom Nanocatalysts for Highly Efficient Catalytic Antibiotics. Small, 2019, 15, e1901834.	5.2	132
132	Self-evolved hydrogen peroxide boosts photothermal-promoted tumor-specific nanocatalytic therapy. Journal of Materials Chemistry B, 2019, 7, 3599-3609.	2.9	58
133	Cryogenic Exfoliation of Nonâ€layered Magnesium into Twoâ€Dimensional Crystals. Angewandte Chemie - International Edition, 2019, 58, 8814-8818.	7.2	18
134	The ORR kinetics of ZIF-derived Fe N C electrocatalysts. Journal of Catalysis, 2019, 372, 174-181.	3.1	54
135	Oxygen Vacancy Generation and Stabilization in CeO_{2â€“x} by Cu Introduction with Improved CO₂ Photocatalytic Reduction Activity. ACS Catalysis, 2019, 9, 4573-4581.	5.5	364
136	Reactive Oxygen Species (ROS)-Based Nanomedicine. Chemical Reviews, 2019, 119, 4881-4985.	23.0	1,519
137	A large-surface-area TS-1 nanocatalyst: a combination of nanoscale particle sizes and hierarchical micro/mesoporous structures. RSC Advances, 2019, 9, 9694-9699.	1.7	16
138	Exosome Biochemistry and Advanced Nanotechnology for Nextâ€Generation Theranostic Platforms. Advanced Materials, 2019, 31, e1802896.	11.1	234
139	Mesoporous silica/organosilica nanoparticles: Synthesis, biological effect and biomedical application. Materials Science and Engineering Reports, 2019, 137, 66-105.	14.8	119
140	Nanocatalytic Tumor Therapy by Single-Atom Catalysts. ACS Nano, 2019, 13, 2643-2653.	7.3	234
141	Inorganic Nanoshell-Stabilized Liquid Metal for Targeted Photonanomedicine in NIR-II Biowindow. Nano Letters, 2019, 19, 2128-2137.	4.5	127
142	Oxygen vacancy-assisted hydrogen evolution reaction of the Pt/WO₃ electrocatalyst. Journal of Materials Chemistry A, 2019, 7, 6285-6293.	5.2	139
143	Nickel-molybdenum nitride nanoplate electrocatalysts for concurrent electrolytic hydrogen and formate productions. Nature Communications, 2019, 10, 5335.	5.8	339
144	Two-dimensional titanium carbide MXenes as efficient non-noble metal electrocatalysts for oxygen reduction reaction. Science China Materials, 2019, 62, 662-670.	3.5	74

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145	Nanocatalytic Tumor Therapy by Biomimetic Dual Inorganic Nanozymeâ€Catalyzed Cascade Reaction. Advanced Science, 2019, 6, 1801733.	5.6	454
146	Fe₃O₄-Embedded and N-Doped Hierarchically Porous Carbon Nanospheres as High-Performance Lithium Ion Battery Anodes. ACS Sustainable Chemistry and Engineering, 2019, 7, 3424-3433.	3.2	71
147	Using Natural Language Processing to improve EHR Structured Data-based Surgical Site Infection Surveillance. AMIA ... Annual Symposium proceedings, 2019, 2019, 794-803.	0.2	3
148	â€œStepwise Extractionâ€•strategy-based injectable bioresponsive composite implant for cancer theranostics. Biomaterials, 2018, 166, 38-51.	5.7	26
149	Engineering Singleâ€Atom Cobalt Catalysts toward Improved Electrocatalysis. Small, 2018, 14, e1704319.	5.2	97
150	A facile strategy to construct CoOx in situ embedded nanoflowers as an efficient electrocatalyst for oxygen evolution reaction. Electrochimica Acta, 2018, 275, 218-224.	2.6	13
151	Nanoenzyme-Augmented Cancer Sonodynamic Therapy by Catalytic Tumor Oxygenation. ACS Nano, 2018, 12, 3780-3795.	7.3	437
152	Engineering crystalline CoOOH anchored on an N-doped carbon support as a durable electrocatalyst for the oxygen reduction reaction. Dalton Transactions, 2018, 47, 6069-6074.	1.6	13
153	Chemical Design of Nuclearâ€Targeting Mesoporous Silica Nanoparticles for Intraâ€nuclear Drug Delivery. Chinese Journal of Chemistry, 2018, 36, 481-486.	2.6	9
154	Valley Zeeman splitting of monolayer MoS2 probed by low-field magnetic circular dichroism spectroscopy at room temperature. Applied Physics Letters, 2018, 112, .	1.5	34
155	Ultrasmall mesoporous organosilica nanoparticles: Morphology modulations and redox-responsive biodegradability for tumor-specific drug delivery. Biomaterials, 2018, 161, 292-305.	5.7	127
156	Anion-Containing Noble-Metal-Free Bifunctional Electrocatalysts for Overall Water Splitting. ACS Catalysis, 2018, 8, 3688-3707.	5.5	245
157	C-QDs@UiO-66-(COOH)₂ Composite Film via Electrophoretic Deposition for Temperature Sensing. Inorganic Chemistry, 2018, 57, 2447-2454.	1.9	69
158	Preparation of Dual-Emitting Ln@UiO-66-Hybrid Films via Electrophoretic Deposition for Ratiometric Temperature Sensing. ACS Applied Materials & Interfaces, 2018, 10, 6014-6023.	4.0	81
159	Nanoparticle-triggered in situ catalytic chemical reactions for tumour-specific therapy. Chemical Society Reviews, 2018, 47, 1938-1958.	18.7	616
160	Iron-engineered mesoporous silica nanocatalyst with biodegradable and catalytic framework for tumor-specific therapy. Biomaterials, 2018, 163, 1-13.	5.7	144
161	Tumor Microenvironmentâ€Enabled Nanotherapy. Advanced Healthcare Materials, 2018, 7, e1701156.	3.9	158
162	2Dâ€Blackâ€Phosphorusâ€Reinforced 3Dâ€Printed Scaffolds:A Stepwise Countermeasure for Osteosarcoma. Advanced Materials, 2018, 30, 1705611.	11.1	284

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163	Material Chemistry of Two-Dimensional Inorganic Nanosheets in Cancer Theranostics. CheM, 2018, 4, 1284-1313.	5.8	132
164	Theranostic 2D Tantalum Carbide (MXene). Advanced Materials, 2018, 30, 1703284.	11.1	422
165	PEO-Linked MoS₂â€“Graphene Nanocomposites with 2D Polarâ€“Nonpolar Amphoteric Surfaces as Sulfur Hosts for High-Performance Liâ€“S Batteries. ACS Sustainable Chemistry and Engineering, 2018, 6, 974-982.	3.2	37
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