

# Qin Zhong

## List of Publications by Year in descending order

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182  
papers

7,084  
citations

57758

44  
h-index

71685

76  
g-index

184  
all docs

184  
docs citations

184  
times ranked

7674  
citing authors

#	ARTICLE	IF	CITATIONS
1	FeZnK/SAPO-34 Catalyst for Efficient Conversion of CO <sub>2</sub> to Light Olefins. <i>Catalysis Letters</i> , 2023, 153, 54-61.	2.6	2
2	Effect of pre-oxidation process on V <sub>2</sub> O <sub>5</sub> /AC catalyst for the selective catalytic reduction of NO <sub>x</sub> with NH <sub>3</sub> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 13534-13540.	5.3	2
3	Highly-dispersed CoS <sub>2</sub> /N-doped carbon nanoparticles anchored on RGO skeleton as a hierarchical composite counter electrode for quantum dot sensitized solar cells. <i>Chemical Engineering Journal</i> , 2022, 430, 132732.	12.7	5
4	Highly-efficient visible-light-driven photocatalytic H <sub>2</sub> evolution integrated with microplastic degradation over MXene/ZnxCd <sub>1-x</sub> S photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 311-319.	9.4	112
5	Ag and MOFs-derived hollow Co <sub>3</sub> O <sub>4</sub> decorated in the 3D g-C <sub>3</sub> N <sub>4</sub> for creating dual transferring channels of electrons and holes to boost CO <sub>2</sub> photoreduction performance. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 901-909.	9.4	26
6	Formation of flaky carbon nitride and beta-Indium sulfide heterojunction with efficient separation of charge carriers for enhanced photocatalytic carbon dioxide reduction. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 71-81.	9.4	10
7	Synergistic Pd/Cu-catalysed regio- and stereoselective borylation of allenylic carbonates. <i>Chemical Communications</i> , 2022, 58, 1037-1040.	4.1	6
8	Ferrous-based electrolyte for simultaneous NO absorption and electroreduction to NH <sub>3</sub> using Au/rGO electrode. <i>Journal of Hazardous Materials</i> , 2022, 430, 128451.	12.4	26
9	Insight into the surface property modification-enhanced C <sub>3</sub> N <sub>4</sub> performance of photocatalytic nitrogen fixation. <i>Chemical Communications</i> , 2022, 58, 6502-6505.	4.1	8
10	Mechanism and Kinetic Study of Cyclodextrin Use to Facilitate NO <sub>2</sub> Absorption in Sulfite Solutions. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7696-7706.	10.0	4
11	CrO <sub>x</sub> Anchored on the Black-TiO <sub>2</sub> Surface via Organic Carboxylic Acid Ligand and Its Catalysis in Oxidation of NO. <i>Catalysis Letters</i> , 2021, 151, 1755-1765.	2.6	4
12	Ti <sup>3+</sup> doped V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> catalyst for efficient selective catalytic reduction of NO <sub>x</sub> with NH <sub>3</sub> . <i>Journal of Colloid and Interface Science</i> , 2021, 581, 76-83.	9.4	51
13	Double redox process to synthesize CuO@CeO <sub>2</sub> catalysts with strong Cu-Ce interaction for efficient toluene oxidation. <i>Journal of Hazardous Materials</i> , 2021, 404, 124088.	12.4	91
14	Ultrathin 2D Ti <sub>3</sub> C <sub>2</sub> MXene Co-catalyst anchored on porous g-C <sub>3</sub> N <sub>4</sub> for enhanced photocatalytic CO <sub>2</sub> reduction under visible-light irradiation. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 647-657.	9.4	111
15	Recent Progress of CeO <sub>2</sub> @TiO <sub>2</sub> Based Catalysts for Selective Catalytic Reduction of NO <sub>x</sub> by NH <sub>3</sub> . <i>ChemCatChem</i> , 2021, 13, 491-505.	3.7	38
16	Recent progress in Bi <sub>2</sub> WO <sub>6</sub> -Based photocatalysts for clean energy and environmental remediation: Competitiveness, challenges, and future perspectives. <i>Nano Select</i> , 2021, 2, 187-215.	3.7	31
17	Site-exposed Ti <sub>3</sub> C <sub>2</sub> MXene anchored in N-defect g-C <sub>3</sub> N <sub>4</sub> heterostructure nanosheets for efficient photocatalytic N <sub>2</sub> fixation. <i>Catalysis Science and Technology</i> , 2021, 11, 1027-1038.	4.1	34
18	Flower-like 1T-MoS <sub>2</sub> /NiCo <sub>2</sub> S <sub>4</sub> on a carbon cloth substrate as an efficient electrocatalyst for the hydrogen evolution reaction. <i>Dalton Transactions</i> , 2021, 50, 13320-13328.	3.3	12

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19	A well-controlled three-dimensional tree-like core-shell structured electrode for flexible all-solid-state supercapacitors with favorable mechanical and electrochemical durability. <i>Journal of Materials Chemistry A</i> , 2021, 9, 16099-16107.	10.3	14
20	Metal-support interactions in Fe-Cu-K admixed with SAPO-34 catalysts for highly selective transformation of CO <sub>2</sub> and H <sub>2</sub> into lower olefins. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21877-21887.	10.3	11
21	Engineering application of desulfurization and denitrification comprehensive purification technology for activated coke. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13642.	2.3	3
22	Modification of Catalytic Properties of Hollandite Manganese Oxide by Ag Intercalation for Oxidative Acetalization of Ethanol to Diethoxyethane. <i>ACS Catalysis</i> , 2021, 11, 5347-5357.	11.2	14
23	Facile synthesis of the Z-scheme graphite-like carbon nitride/silver/silver phosphate nanocomposite for photocatalytic oxidative removal of nitric oxides under visible light. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 110-121.	9.4	29
24	Effect of oxygen vacancies and its quantity on photocatalytic oxidation performance of titanium dioxide for NO removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126156.	4.7	17
25	Coral-Like CoSe <sub>2</sub> -Nitrogen-Doped Porous Carbon as Efficient Counter Electrodes for Quantum Dot Sensitized Solar Cells. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 045012.	1.8	7
26	NCoCu Carbon Dots Intertwined NiCo Double Hydroxide Nanorod Array for Efficient Electrocatalytic Hydrogen Evolution. <i>ChemCatChem</i> , 2021, 13, 4714-4723.	3.7	0
27	Dynamic Restructuring of Cu-Doped SnS <sub>2</sub> Nanoflowers for Highly Selective Electrochemical CO <sub>2</sub> Reduction to Formate. <i>Angewandte Chemie</i> , 2021, 133, 26437-26441.	2.0	8
28	Carbon-Based Electrocatalysts for Efficient Hydrogen Peroxide Production. <i>Advanced Materials</i> , 2021, 33, e2103266.	21.0	104
29	Sodium doped flaky carbon nitride with nitrogen defects for enhanced photoreduction carbon dioxide activity. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 210-219.	9.4	26
30	Effect of synergy between oxygen vacancies and graphene oxide on performance of TiO <sub>2</sub> for photocatalytic NO removal under visible light. <i>Separation and Purification Technology</i> , 2021, 276, 119362.	7.9	26
31	Fe-Co-K/ZrO <sub>2</sub> Catalytic Performance of CO <sub>2</sub> Hydrogenation to Light Olefins. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021, 36, 1053.	1.3	4
32	Tailorable boron-doped carbon nanotubes as high-efficiency counter electrodes for quantum dot sensitized solar cells. <i>Catalysis Science and Technology</i> , 2021, 11, 2745-2752.	4.1	9
33	Improving the electrocatalytic activity and stability of spinel sulfide counter electrodes by trimetallic synergy effects for quantum dot sensitized solar cells. <i>New Journal of Chemistry</i> , 2021, 45, 4766-4772.	2.8	2
34	A Fe single atom on N,S-doped carbon catalyst for performing N-alkylation of aromatic amines under solvent-free conditions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25128-25135.	10.3	34
35	Plasmonic Ag Nanoparticles Decorated Acid-Aching Carbon Fibers for Enhanced Photocatalytic Reduction of CO <sub>2</sub> into CH <sub>3</sub> OH Under Visible-Light Irradiation. <i>Catalysis Letters</i> , 2021, 151, 3079-3088.	2.6	6
36	Advances and Perspectives for the Application of Perovskite Oxides in Supercapacitors. <i>Energy &amp; Fuels</i> , 2021, 35, 17353-17371.	5.1	26

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37	Enhanced Light-driven CO <sub>2</sub> Reduction on Metal-free Rich Terminal Oxygen-defects Carbon Nitride Nanosheets. <i>Journal of Colloid and Interface Science</i> , 2021, 608, 2505-2505.	9.4	4
38	Fabrication of Controllable N-Doped Ce <sub>0.2</sub> Zr <sub>0.8</sub> O <sub>2</sub> via O-N-O Bond with Robust NO Oxidation and Durability at Low Temperature. <i>Energy &amp; Fuels</i> , 2021, 35, 752-761.	5.1	2
39	Carbon-Based Electrocatalysts for Efficient Hydrogen Peroxide Production ( <i>Adv. Mater.</i> 49/2021). <i>Advanced Materials</i> , 2021, 33, .	21.0	3
40	Novel Fe-doped CePO <sub>4</sub> catalyst for selective catalytic reduction of NO with NH <sub>3</sub> : The role of Fe <sup>3+</sup> ions. <i>Journal of Hazardous Materials</i> , 2020, 383, 121212.	12.4	50
41	The Effect of CeO <sub>2</sub> Dispersity and Active Oxygen Species on the SCR Reaction Over Fe-ZSM-5@Ce/meso-SiO <sub>2</sub> . <i>Catalysis Letters</i> , 2020, 150, 514-523.	2.6	13
42	Synergetic effects of surface free Co <sub>3</sub> O <sub>4</sub> species on catalytic oxidation of NO over cerium-cobalt solid solution. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 1976-1983.	2.4	3
43	Co(OH) <sub>2</sub> particles decorated Ni <sub>3</sub> (NO <sub>3</sub> ) <sub>1.6</sub> (CO <sub>3</sub> ) <sub>0.2</sub> (OH) <sub>4</sub> flower-like composite electrode for high-performance hybrid supercapacitors. <i>Journal of Alloys and Compounds</i> , 2020, 817, 152689.	5.5	16
44	The effect of CuO loading on different method prepared CeO <sub>2</sub> catalyst for toluene oxidation. <i>Science of the Total Environment</i> , 2020, 712, 135635.	8.0	52
45	In situ fabrication of amorphous TiO <sub>2</sub> /NH <sub>2</sub> -MIL-125(Ti) for enhanced photocatalytic CO <sub>2</sub> into CH <sub>4</sub> with H <sub>2</sub> O under visible-light irradiation. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 857-865.	9.4	53
46	Dual-template assembled hierarchical Cu-SSZ-13: morphology evolution, crystal growth and stable high-temperature selective catalytic reduction performance. <i>CrystEngComm</i> , 2020, 22, 7036-7045.	2.6	10
47	Partial substitution of magnesium in lanthanum manganite perovskite for nitric oxide oxidation: The effect of substitution sites. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 49-55.	9.4	18
48	Promotional Effect of S Doping on V <sub>2</sub> O <sub>5</sub> WO <sub>3</sub> /TiO <sub>2</sub> Catalysts for Low-Temperature NO <sub>x</sub> Reduction with NH <sub>3</sub> . <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 15478-15488.	3.7	20
49	Construction of Nano-Fe <sub>2</sub> O <sub>3</sub> -Decorated Flower-Like MoS <sub>2</sub> with Fe-S Bonds for Efficient Photoreduction of CO <sub>2</sub> under Visible-Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12603-12611.	6.7	34
50	Amorphous-Crystalline Co <sup>2+</sup> P Catalyst for Synergistically Enhanced Hydrogen Evolution Reaction. <i>ChemCatChem</i> , 2020, 12, 6259-6264.	3.7	13
51	Anchoring CuS nanoparticles on accordion-like Ti <sub>3</sub> C <sub>2</sub> as high electrocatalytic activity counter electrodes for QDSSCs. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3727-3734.	6.0	23
52	Microreactor technology for synthesis of ethyl methyl oxalate from diethyl oxalate with methanol and its kinetics. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 2321-2329.	1.7	5
53	One-pot fabrication of mesoporous g-C <sub>3</sub> N <sub>4</sub> /NiS co-catalyst counter electrodes for quantum-dot-sensitized solar cells. <i>Journal of Materials Science</i> , 2020, 55, 10712-10724.	3.7	34
54	Effect of TS-1 Crystal Planes on the Catalytic Activity of Au/TS-1 for Direct Propylene Epoxidation with H <sub>2</sub> and O <sub>2</sub> . <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8496-8504.	6.7	9

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55	Mechanism study on TiO <sub>2</sub> inducing O <sub>2</sub> <sup>-</sup> and O H radicals in O <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> system for high-efficiency NO oxidation. <i>Journal of Hazardous Materials</i> , 2020, 399, 123033.	12.4	24
56	Promotional Effect of ZrO <sub>2</sub> on supported FeCoK Catalysts for Ethylene Synthesis from catalytic CO <sub>2</sub> hydrogenation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 15254-15262.	7.1	13
57	<i>In situ</i> self-assembly of zirconium metal-organic frameworks onto ultrathin carbon nitride for enhanced visible light-driven conversion of CO <sub>2</sub> to CO. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6034-6040.	10.3	45
58	Ion-Exchanged ZIF-67 Synthesized by One-Step Method for Enhancement of CO <sub>2</sub> Adsorption. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-11.	2.7	14
59	Insight into Deactivation Reasons for Nanogold Catalysts Used in Gas-Phase Epoxidation of Propylene. <i>Catalysis Letters</i> , 2020, 150, 1856-1864.	2.6	13
60	Controllable positions of Cu <sup>2+</sup> to enhance low-temperature SCR activity on novel Cu-Ce-La-SSZ-13 by a simple one-pot method. <i>Chemical Communications</i> , 2020, 56, 2360-2363.	4.1	25
61	Ni and Zn co-substituted Co(CO <sub>3</sub> ) <sub>0.5</sub> OH self-assembled flowers array for asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 573, 299-306.	9.4	28
62	Glucose-derived porous carbon as a highly efficient and low-cost counter electrode for quantum dot-sensitized solar cells. <i>New Journal of Chemistry</i> , 2020, 44, 6362-6368.	2.8	5
63	Amorphous Core-Shell Nanoparticles as a Highly Effective and Stable Battery-Type Electrode for Hybrid Supercapacitors. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900858.	3.7	10
64	The utilization of dye wastewater in enhancing catalytic activity of CeO <sub>2</sub> -TiO <sub>2</sub> mixed oxide catalyst for NO reduction and dichloromethane oxidation. <i>Chemosphere</i> , 2019, 235, 1146-1153.	8.2	17
65	CO <sub>2</sub> hydrogenation to light olefins with high-performance Fe <sub>0.30</sub> Co <sub>0.15</sub> Zr <sub>0.45</sub> K <sub>0.10</sub> O <sub>1.63</sub> . <i>Journal of Catalysis</i> , 2019, 377, 224-232.	6.2	37
66	Amino-Assisted NH <sub>2</sub> -UiO-66 Anchored on Porous g-C <sub>3</sub> N <sub>4</sub> for Enhanced Visible-Light-Driven CO <sub>2</sub> Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 30673-30681.	8.0	116
67	Synergistic Enhancement over Au-Pd/TS-1 Bimetallic Catalysts for Propylene Epoxidation with H <sub>2</sub> and O <sub>2</sub> . <i>ChemCatChem</i> , 2019, 11, 5116-5123.	3.7	15
68	Facile fabrication of oxygen and carbon co-doped carbon nitride nanosheets for efficient visible light photocatalytic H <sub>2</sub> evolution and CO <sub>2</sub> reduction. <i>Dalton Transactions</i> , 2019, 48, 12070-12079.	3.3	21
69	Visible-Light-Driven Photoreduction of CO <sub>2</sub> to CH <sub>4</sub> with H <sub>2</sub> O Over Amine-Functionalized MIL-125(Ti). <i>Catalysis Letters</i> , 2019, 149, 3287-3295.	2.6	18
70	Rational construction of triangle-like nickel-cobalt bimetallic metal-organic framework nanosheets arrays as battery-type electrodes for hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 42-52.	9.4	131
71	A Minireview on Nickel-Based Heterogeneous Electrocatalysts for Water Splitting. <i>ChemCatChem</i> , 2019, 11, 5913-5928.	3.7	68
72	Synergistic interaction of perovskite oxides and N-doped graphene in versatile electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2048-2054.	10.3	104

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73	Effect of adsorption properties of phosphorus-doped TiO <sub>2</sub> nanotubes on photocatalytic NO removal. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 647-654.	9.4	24
74	Identifying the structure of Zn-N <sub>2</sub> active sites and structural activation. <i>Nature Communications</i> , 2019, 10, 2623.	12.8	79
75	Synthesis of 3D Hierarchical Rose-Like Bi <sub>2</sub> WO <sub>6</sub> Superstructure with Enhanced Visible-Light-Induced Photocatalytic Performance. <i>Jom</i> , 2019, 71, 2112-2119.	1.9	8
76	A Composite Catalyst Based on Perovskites for Overall Water Splitting in Alkaline Conditions. <i>ChemElectroChem</i> , 2019, 6, 1520-1524.	3.4	42
77	Fabrication of 3D Co-doped Ni-based MOF hierarchical micro-flowers as a high-performance electrode material for supercapacitors. <i>Applied Surface Science</i> , 2019, 483, 1158-1165.	6.1	156
78	Promotion of surface oxygen vacancies on the light olefins synthesis from catalytic CO <sub>2</sub> hydrogenation over Fe K/ZrO <sub>2</sub> catalysts. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 11808-11816.	7.1	44
79	Fabrication of core-shell C/MnO nanocomposite by liquid deposition for high performance lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 5978-5985.	2.2	5
80	Effect of Core-Shell Support on Au/S-1/TS-1 for Direct Propylene Epoxidation and Design of Catalyst with Higher Activity. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 4010-4016.	3.7	24
81	CO <sub>2</sub> hydrogenation to high-value products via heterogeneous catalysis. <i>Nature Communications</i> , 2019, 10, 5698.	12.8	571
82	Facile Dynamic Synthesis of Homodispersed Ni <sub>3</sub> S <sub>2</sub> Nanosheets as a Highly Efficient Bifunctional Electrocatalyst for Water Splitting. <i>ChemCatChem</i> , 2019, 11, 1320-1327.	3.7	21
83	Perovskite-type CsPbBr <sub>3</sub> quantum dots/UiO-66(NH <sub>2</sub> ) nanojunction as efficient visible-light-driven photocatalyst for CO <sub>2</sub> reduction. <i>Chemical Engineering Journal</i> , 2019, 358, 1287-1295.	12.7	280
84	One-step hydrothermal synthesis of a novel 3D BiFeWO <sub>x</sub> /Bi <sub>2</sub> WO <sub>6</sub> composite with superior visible-light photocatalytic activity. <i>Green Chemistry</i> , 2018, 20, 3014-3023.	9.0	51
85	One-pot synthesis of ceria and cerium phosphate (CeO <sub>2</sub> -CePO <sub>4</sub> ) nanorod composites for selective catalytic reduction of NO with NH <sub>3</sub> : Active sites and reaction mechanism. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 8-15.	9.4	45
86	A Rational Design for Enhanced Catalytic Activity and Durability: Strongly Coupled N-Doped CrO <sub>x</sub> /Ce <sub>0.2</sub> Zr <sub>0.8</sub> O <sub>2</sub> Nanoparticle Composites. <i>ACS Applied Nano Materials</i> , 2018, 1, 1150-1163.	5.0	9
87	Z-scheme CaIn <sub>2</sub> S <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> nanocomposite with superior photocatalytic NO removal performance: fabrication, characterization and mechanistic study. <i>New Journal of Chemistry</i> , 2018, 42, 318-326.	2.8	29
88	The solvent-driven formation of multi-morphological Ag-CeO <sub>2</sub> plasmonic photocatalysts with enhanced visible-light photocatalytic reduction of CO <sub>2</sub> . <i>RSC Advances</i> , 2018, 8, 40731-40739.	3.6	23
89	Effect of Small Nb-doping Amount on the Performance of BaCoO <sub>3</sub> -based Perovskite as Bifunctional Oxygen Catalysts. <i>ChemistrySelect</i> , 2018, 3, 12424-12429.	1.5	9
90	A Tailored Bifunctional Electrocatalyst: Boosting Oxygen Reduction/Evolution Catalysis via Electron Transfer Between N-Doped Graphene and Perovskite Oxides. <i>Small</i> , 2018, 14, e1802767.	10.0	85

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91	Efficient Inhibition of $\text{N}_2\text{O}$ during $\text{NO}$ Absorption Process Using a $\text{CuO}$ and $(\text{NH}_4)_2\text{SO}_3$ Mixed Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 13010-13018.	3.7	6
92	Amino-Assisted Anchoring of $\text{CsPbBr}_3$ Perovskite Quantum Dots on Porous $\text{g-C}_3\text{N}_4$ for Enhanced Photocatalytic $\text{CO}_2$ Reduction. <i>Angewandte Chemie</i> , 2018, 130, 13758-13762.	2.0	172
93	Amino-Assisted Anchoring of $\text{CsPbBr}_3$ Perovskite Quantum Dots on Porous $\text{g-C}_3\text{N}_4$ for Enhanced Photocatalytic $\text{CO}_2$ Reduction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13570-13574.	13.8	432
94	In Site Growth of Crosslinked Nickel-Cobalt Hydroxides@Carbon Nanotubes Composite for a High-Performance Hybrid Supercapacitor. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800438.	3.7	56
95	Facile preparation of porous carbon nitride for visible light photocatalytic reduction and oxidation applications. <i>Journal of Materials Science</i> , 2018, 53, 11315-11328.	3.7	13
96	Influence of Calcination Temperature on Activity and Selectivity of $\text{Ni-CeO}_2$ and $\text{Ni-Ce}_{0.8}\text{Zr}_{0.2}\text{O}_2$ Catalysts for $\text{CO}_2$ Methanation. <i>Topics in Catalysis</i> , 2018, 61, 1514-1527.	2.8	45
97	Haloid acid induced carbon nitride semiconductors for enhanced photocatalytic $\text{H}_2$ evolution and reduction of $\text{CO}_2$ under visible light. <i>Carbon</i> , 2018, 138, 465-474.	10.3	41
98	In Situ Fabrication of 3D Octahedral $\text{g-C}_3\text{N}_4/\text{BiFeWO}_6$ Double-Heterojunction for Highly Selective $\text{CO}_2$ Photoreduction to $\text{CO}$ Under Visible Light. <i>ChemCatChem</i> , 2018, 10, 4578-4585.	3.7	48
99	Enhanced performance and selectivity of $\text{CO}_2$ methanation over $\text{g-C}_3\text{N}_4$ assisted synthesis of $\text{Ni-CeO}_2$ catalyst: Kinetics and DRIFTS studies. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15191-15204.	7.1	104
100	The effects of nanoparticles on morphology and thermal properties of erythritol/polyvinyl alcohol phase change composite fibers. <i>E-Polymers</i> , 2018, 18, 321-329.	3.0	17
101	Understanding the Effect of Germanium as an Efficient Auxiliary Pre-Dopant in Carbon Nanotubes on Enhancing Oxygen Reduction Reaction. <i>Energy Technology</i> , 2018, 6, 2387-2393.	3.8	5
102	Obtaining well-dispersed $\text{Ni/Al}_2\text{O}_3$ catalyst for $\text{CO}_2$ methanation with a microwave-assisted method. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 4174-4183.	7.1	83
103	Novel $\text{Bi}_2\text{O}_3/\text{CO}_3/\text{polypyrrole/g-C}_3\text{N}_4$ nanocomposites with efficient photocatalytic and nonlinear optical properties. <i>RSC Advances</i> , 2017, 7, 7658-7670.	3.6	47
104	$\text{CeO}_2$ supported on reduced $\text{TiO}_2$ for selective catalytic reduction of $\text{NO}$ by $\text{NH}_3$ . <i>Journal of Colloid and Interface Science</i> , 2017, 496, 487-495.	9.4	69
105	The effects of calcination atmosphere on the catalytic performance of Ce-doped $\text{TiO}_2$ catalysts for selective catalytic reduction of $\text{NO}$ with $\text{NH}_3$ . <i>RSC Advances</i> , 2017, 7, 23348-23354.	3.6	23
106	Construction of Z-scheme photocatalytic systems using $\text{ZnIn}_2\text{S}_4$ , $\text{CoO}_x$ -loaded $\text{Bi}_2\text{MoO}_6$ and reduced graphene oxide electron mediator and its efficient nonsacrificial water splitting under visible light. <i>Chemical Engineering Journal</i> , 2017, 325, 690-699.	12.7	94
107	Effects of synthesis methods on catalytic activities of $\text{CoO}_x/\text{TiO}_2$ for low-temperature $\text{NH}_3$ -SCR of $\text{NO}$ . <i>Journal of Environmental Sciences</i> , 2017, 54, 277-287.	6.1	50
108	A Perovskite Nanorod as Bifunctional Electrocatalyst for Overall Water Splitting. <i>Advanced Energy Materials</i> , 2017, 7, 1602122.	19.5	369

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109	Supramolecular Synthesis of Multifunctional Holey Carbon Nitride Nanosheet with High Efficiency Photocatalytic Performance. <i>Advanced Optical Materials</i> , 2017, 5, 1700536.	7.3	49
110	The inhibition effect of oxygen in the calcination atmosphere on the catalytic performance of MnOx-CeO2 catalysts for NO oxidation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 122, 593-604.	1.7	8
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