

# Yiwei Zhang

## List of Publications by Year in descending order

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168  
papers

5,490  
citations

81900

39  
h-index

118850

62  
g-index

168  
all docs

168  
docs citations

168  
times ranked

5379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anchoring CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles on N-Doped Carbon Nanofibers for High-Performance Oxygen Evolution Reaction. <i>Advanced Science</i> , 2017, 4, 1700226.	11.2	206
2	Facile one-step synthesis of hollow mesoporous g-C <sub>3</sub> N <sub>4</sub> spheres with ultrathin nanosheets for photoredox water splitting. <i>Carbon</i> , 2018, 126, 247-256.	10.3	204
3	One-pot synthesis of K-doped g-C <sub>3</sub> N <sub>4</sub> nanosheets with enhanced photocatalytic hydrogen production under visible-light irradiation. <i>Applied Surface Science</i> , 2018, 440, 258-265.	6.1	164
4	Propane dehydrogenation on PtSn/ZSM-5 catalyst: Effect of tin as a promoter. <i>Catalysis Communications</i> , 2006, 7, 860-866.	3.3	155
5	Comparative study of bimetallic Pt-Sn catalysts supported on different supports for propane dehydrogenation. <i>Journal of Molecular Catalysis A</i> , 2014, 381, 138-147.	4.8	130
6	Hollow Co <sub>3</sub> O <sub>4</sub> /CeO <sub>2</sub> Heterostructures in Situ Embedded in N-Doped Carbon Nanofibers Enable Outstanding Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17950-17957.	6.7	112
7	Reactable Polyelectrolyte-Assisted Synthesis of BiOCl with Enhanced Photocatalytic Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1416-1424.	6.7	102
8	Sn-Modified ZSM-5 As Support for Platinum Catalyst in Propane Dehydrogenation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 7896-7902.	3.7	100
9	Structure and catalytic properties of the Zn-modified ZSM-5 supported platinum catalyst for propane dehydrogenation. <i>Chemical Engineering Journal</i> , 2015, 270, 352-361.	12.7	99
10	Bio-template synthesis of Mo-doped polymer carbon nitride for photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 44-53.	20.2	96
11	Facile Synthesis of Self-Assembled <i>g</i> -C <sub>3</sub> N <sub>4</sub> with Abundant Nitrogen Defects for Photocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10200-10210.	6.7	93
12	Self-Assembled 3D Flower-like Composites of Heterobimetallic Phosphides and Carbon for Temperature-Tailored Electromagnetic Wave Absorption. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 38361-38371.	8.0	90
13	Effect of La addition on catalytic performance of PtSnNa/ZSM-5 catalyst for propane dehydrogenation. <i>Applied Catalysis A: General</i> , 2007, 333, 202-210.	4.3	89
14	Immobilization of Ni <sub>3</sub> Co Nanoparticles into N-Doped Carbon Nanotube/Nanofiber Integrated Hierarchically Branched Architectures toward Efficient Overall Water Splitting. <i>Advanced Science</i> , 2020, 7, 1902371.	11.2	89
15	CdS nanosphere-decorated hollow polyhedral ZCO derived from a metal-organic framework (MOF) for effective photocatalytic water evolution. <i>Nanoscale</i> , 2018, 10, 4463-4474.	5.6	80
16	Mesoporous cobalt-iron-organic frameworks: a plasma-enhanced oxygen evolution electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3090-3100.	10.3	79
17	Immobilization of Fe <sub>3</sub> N nanoparticles within N-doped carbon nanosheet frameworks as a high-efficiency electrocatalyst for oxygen reduction reaction in Zn-air batteries. <i>Carbon</i> , 2019, 153, 364-371.	10.3	74
18	Ni-Co hydroxide nanosheets on plasma-reduced Co-based metal-organic nanocages for electrocatalytic water oxidation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4950-4959.	10.3	73

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19	Manipulation of MottâSchottky Ni/CeO <sub>2</sub> Heterojunctions into NâDoped Carbon Nanofibers for HighâEfficiency Electrochemical Water Splitting. <i>Small</i> , 2022, 18, e2106592.	10.0	73
20	Effect of Alumina Binder on Catalytic Performance of PtSnNa/ZSM-5 Catalyst for Propane Dehydrogenation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 2213-2219.	3.7	67
21	Effect of magnesium addition on catalytic performance of PtSnK/Î³-Al <sub>2</sub> O <sub>3</sub> catalyst for isobutane dehydrogenation. <i>Fuel Processing Technology</i> , 2011, 92, 1632-1638.	7.2	66
22	Ionic liquid-assisted synthesis of Br-modified g-C <sub>3</sub> N <sub>4</sub> semiconductors with high surface area and highly porous structure for photoredox water splitting. <i>Journal of Power Sources</i> , 2017, 370, 106-113.	7.8	65
23	Atomically Dispersed Mo Sites Anchored on Multichannel Carbon Nanofibers toward Superior Electrocatalytic Hydrogen Evolution. <i>ACS Nano</i> , 2021, 15, 20032-20041.	14.6	62
24	A highly reactive and magnetic recyclable catalytic system based on AuPt nanoalloys supported on ellipsoidal Fe@SiO <sub>2</sub> . <i>Journal of Materials Chemistry A</i> , 2015, 3, 4642-4651.	10.3	58
25	Hierarchical Honeycomb Br-, N-Codoped TiO <sub>2</sub> with Enhanced Visible-Light Photocatalytic H <sub>2</sub> Production. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 18796-18804.	8.0	58
26	Influence of Calcium Addition on Catalytic Properties of PtSn/ZSM-5 Catalyst for Propane Dehydrogenation. <i>Catalysis Letters</i> , 2009, 129, 449-456.	2.6	57
27	Propane dehydrogenation over PtSnNa/La-doped Al <sub>2</sub> O <sub>3</sub> catalyst: Effect of La content. <i>Fuel Processing Technology</i> , 2013, 111, 94-104.	7.2	56
28	Highly dispersed Pd nanoparticles hybridizing with 3D hollow-sphere g-C <sub>3</sub> N <sub>4</sub> to construct 0D/3D composites for efficient photocatalytic hydrogen evolution. <i>Journal of Catalysis</i> , 2019, 378, 331-340.	6.2	55
29	Effect of Sodium Addition to PtSn/AlSBA-15 on the Catalytic Properties in Propane Dehydrogenation. <i>Catalysis Letters</i> , 2011, 141, 120-127.	2.6	53
30	Direct synthesis, characterization and catalytic application of SBA-15 mesoporous silica with heteropolyacid incorporated into their framework. <i>Microporous and Mesoporous Materials</i> , 2014, 187, 7-13.	4.4	53
31	Effect of K Addition on Catalytic Performance of PtSn/ZSM-5 Catalyst for Propane Dehydrogenation. <i>Catalysis Letters</i> , 2010, 135, 76-82.	2.6	50
32	Effect of La calcination temperature on catalytic performance of PtSnNaLa/ZSM-5 catalyst for propane dehydrogenation. <i>Chemical Engineering Journal</i> , 2012, 181-182, 530-537.	12.7	48
33	Self-Assembled Mesoporous Carbon Nitride with Tunable Texture for Enhanced Visible-Light Photocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8291-8299.	6.7	48
34	Effect of hydrothermal treatment on catalytic properties of PtSnNa/ZSM-5 catalyst for propane dehydrogenation. <i>Microporous and Mesoporous Materials</i> , 2006, 96, 245-254.	4.4	47
35	Engineering water splitting sites in three-dimensional flower-like CoâNiâP/MoS <sub>2</sub> heterostructural hybrid spheres for accelerating electrocatalytic oxygen and hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22181-22190.	10.3	47
36	Well-designed cobalt-nickel sulfide microspheres with unique peapod-like structure for overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 401-410.	9.4	45

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37	Reactable polyelectrolyte-assisted preparation of flower-like Ag/AgCl/BiOCl composite with enhanced photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 350, 94-102.	3.9	44
38	Interface Coupling of Ni <sup>2+</sup> /Co Layered Double Hydroxide Nanowires and Cobalt-Based Zeolite Organic Frameworks for Efficient Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8255-8264.	6.7	43
39	Well-crystallized mesoporous TiO <sub>2</sub> shells for enhanced photocatalytic activity: prepared by carbon coating and silica-protected calcination. <i>Dalton Transactions</i> , 2013, 42, 5004.	3.3	41
40	Ti <sub>3</sub> C <sub>2</sub> Quantum Dots Modified 3D/2D TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> S-Scheme Heterostructures for Highly Efficient Photocatalytic Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , 2021, 4, 14342-14351.	5.1	41
41	Effect of zinc addition on catalytic properties of PtSnK/Al <sub>2</sub> O <sub>3</sub> catalyst for isobutane dehydrogenation. <i>Fuel Processing Technology</i> , 2012, 96, 220-227.	7.2	39
42	N-carbon supported hierarchical Ni/NiO <sub>2</sub> Mo <sub>0.8</sub> N nanosheets as high-efficiency oxygen evolution electrocatalysts. <i>Chemical Engineering Journal</i> , 2020, 392, 124845.	12.7	39
43	Hierarchical porous bimetal-sulfide bi-functional nanocatalysts for hydrogen production by overall water electrolysis. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 426-435.	9.4	38
44	Bimetal-Organic Frameworks from In Situ-Activated NiFe Foam for Highly Efficient Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1826-1836.	6.7	38
45	Synthesis of ordered mesoporous La <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> composites with encapsulated Pt NPs and the effect of La-doping on catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2017, 503, 178-185.	9.4	37
46	Immobilization of 12-tungstophosphoric acid on LaSBA-15 and its catalytic activity for alkylation of o-xylene with styrene. <i>Chemical Engineering Journal</i> , 2012, 179, 295-301.	12.7	35
47	Ionic liquid-assisted photochemical synthesis of ZnO/Ag <sub>2</sub> O heterostructures with enhanced visible light photocatalytic activity. <i>Applied Surface Science</i> , 2017, 410, 344-353.	6.1	35
48	Poly(ionic liquid)-Assisted Synthesis of Open-Ended Carbon Nitride Tube for Efficient Photocatalytic Hydrogen Evolution under Visible-Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10095-10104.	6.7	34
49	Synthesis of graphitic carbon nitride with large specific surface area via copolymerizing with nucleobases for photocatalytic hydrogen generation. <i>Applied Surface Science</i> , 2019, 463, 1-8.	6.1	33
50	Synthesis and characterization of a novel Au nanocatalyst with increased thermal stability. <i>Dalton Transactions</i> , 2014, 43, 1360-1367.	3.3	32
51	An Adsorption Study of CH <sub>4</sub> on ZSM-5, MOR, and ZSM-12 Zeolites. <i>Journal of Physical Chemistry C</i> , 2015, 119, 28970-28978.	3.1	32
52	Synthesis of novel ultrasmall Au-loaded magnetic SiO <sub>2</sub> /carbon yolk-shell ellipsoids as highly reactive and recoverable nanocatalysts. <i>Carbon</i> , 2017, 121, 602-611.	10.3	32
53	Synthesis and characterization of porous TiO <sub>2</sub> -NS/Pt/GO aerogel: A novel three-dimensional composite with enhanced visible-light photoactivity in degradation of chlortetracycline. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 1-9.	3.9	32
54	Morphological and structure dual modulation of cobalt-based layer double hydroxides by Ni doping and 2-methylimidazole inducing as bifunctional electrocatalysts for overall water splitting. <i>Journal of Power Sources</i> , 2018, 400, 172-182.	7.8	32

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55	Fe-based MOFs@Pd@COFs with spatial confinement effect and electron transfer synergy of highly dispersed Pd nanoparticles for Suzuki-Miyaura coupling reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 809-819.	9.4	32
56	Propane dehydrogenation over Ce-containing ZSM-5 supported platinum-tin catalysts: Ce concentration effect and reaction performance analysis. <i>RSC Advances</i> , 2016, 6, 29410-29422.	3.6	31
57	Nanocasting synthesis of an ordered mesoporous CeO <sub>2</sub> -supported Pt nanocatalyst with enhanced catalytic performance for the reduction of 4-nitrophenol. <i>RSC Advances</i> , 2016, 6, 730-739.	3.6	31
58	Synthesis and characterization of hollow ZrO <sub>2</sub> @TiO <sub>2</sub> /Au spheres as a highly thermal stability nanocatalyst. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 23-32.	9.4	31
59	Electronic State Modulation and Reaction Pathway Regulation on Necklace-Like MnO <sub>x</sub> @CeO <sub>2</sub> @Polypyrrole Hierarchical Cathode for Advanced and Flexible Li-CO <sub>2</sub> Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	31
60	Effect of calcination temperature on catalytic properties of PtSnNa/ZSM-5 catalyst for propane dehydrogenation. <i>Catalysis Communications</i> , 2007, 8, 1009-1016.	3.3	30
61	In-situ formation of supported Au nanoparticles in hierarchical yolk-shell CeO <sub>2</sub> /mSiO <sub>2</sub> structures as highly reactive and sinter-resistant catalysts. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 196-206.	9.4	30
62	Encapsulation of Au nanoparticles with well-crystallized anatase TiO <sub>2</sub> mesoporous hollow spheres for increased thermal stability. <i>RSC Advances</i> , 2014, 4, 7313.	3.6	29
63	Fabrication of sandwich-structured g-C <sub>3</sub> N <sub>4</sub> /Au/BiOCl Z-scheme photocatalyst with enhanced photocatalytic performance under visible light irradiation. <i>Journal of Materials Science</i> , 2018, 53, 6008-6020.	3.7	29
64	Construction of three-dimensional mesoporous carbon nitride with high surface area for efficient visible-light-driven hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 601-608.	9.4	29
65	Influence of Binder on the Catalytic Performance of PtSnNa/ZSM-5 Catalyst for Propane Dehydrogenation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 8142-8147.	3.7	28
66	Effect of Magnesium Addition to PtSnNa/ZSM-5 on the Catalytic Properties in the Dehydrogenation of Propane. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 9885-9891.	3.7	28
67	Double-Shelled TiO <sub>2</sub> Hollow Spheres Assembled with TiO <sub>2</sub> Nanosheets. <i>Chemistry - A European Journal</i> , 2017, 23, 4336-4343.	3.3	28
68	Synthesis of magnesium-modified mesoporous Al <sub>2</sub> O <sub>3</sub> with enhanced catalytic performance for propane dehydrogenation. <i>Journal of Materials Science</i> , 2014, 49, 5772-5781.	3.7	27
69	Synthesis of immobilized heteropolyanion-based ionic liquids on mesoporous silica SBA-15 as a heterogeneous catalyst for alkylation. <i>RSC Advances</i> , 2014, 4, 30697-30703.	3.6	27
70	Synthesis of dendrimer-templated Pt nanoparticles immobilized on mesoporous alumina for p-nitrophenol reduction. <i>New Journal of Chemistry</i> , 2015, 39, 9942-9950.	2.8	27
71	NiCoP/NF 1D/2D Biomimetic Architecture for Markedly Enhanced Overall Water Splitting. <i>ChemElectroChem</i> , 2021, 8, 3064-3072.	3.4	26
72	Influence of Lanthanum Addition on Catalytic Properties of PtSnK/Al <sub>2</sub> O <sub>3</sub> Catalyst for Isobutane Dehydrogenation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 4280-4285.	3.7	25

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73	Effect of the competitive adsorbates on the catalytic performances of PtSnK/Al <sub>2</sub> O <sub>3</sub> catalyst for isobutane dehydrogenation. <i>Fuel Processing Technology</i> , 2012, 104, 23-30.	7.2	25
74	A spontaneous dissolution approach to carbon coated TiO <sub>2</sub> hollow composite spheres with enhanced visible photocatalytic performance. <i>Applied Surface Science</i> , 2013, 286, 344-350.	6.1	25
75	Hierarchical structures based on gold nanoparticles embedded into hollow ceria spheres and mesoporous silica layers with high catalytic activity and stability. <i>New Journal of Chemistry</i> , 2015, 39, 9372-9379.	2.8	25
76	Encapsulation of NiCo nanoparticles into foam-like porous N,P-codoped carbon nanosheets: Electronic and architectural dual regulations toward high-efficiency water electrolysis. <i>Chemical Engineering Journal</i> , 2021, 410, 128325.	12.7	24
77	A 3D peony-like sulfur-doped carbon nitride synthesized by self-assembly for efficient photocatalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 20481-20491.	7.1	24
78	In situ doping of Pt active sites via Sn in double-shelled TiO <sub>2</sub> hollow nanospheres with enhanced photocatalytic H <sub>2</sub> production efficiency. <i>New Journal of Chemistry</i> , 2017, 41, 11089-11096.	2.8	24
79	CeO <sub>2</sub> hollow nanospheres synthesized by a one pot template-free hydrothermal method and their application as catalyst support. <i>RSC Advances</i> , 2015, 5, 58237-58245.	3.6	23
80	An examination of alkali-exchanged BEA zeolites as possible Lewis-acid catalysts. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 472-481.	4.4	23
81	Anchoring ultrafine PtNi nanoparticles on N-doped graphene for highly efficient hydrogen evolution reaction. <i>Catalysis Science and Technology</i> , 2019, 9, 4961-4969.	4.1	23
82	Interface Nanoengineering of PdNi-S/C Nanowires by Sulfite-Induced for Enhancing Electrocatalytic Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 2243-2251.	8.0	23
83	Interfacial engineering-induced electronic regulation drastically enhances the electrocatalytic oxygen evolution: Immobilization of Janus-structured NiS/NiO nanoparticles onto carbon nanotubes/nanofiber-integrated superstructures. <i>Chemical Engineering Journal</i> , 2022, 428, 131094.	12.7	23
84	Influence of the different dechlorination time on catalytic performances of PtSnNa/ZSM-5 catalyst for propane dehydrogenation. <i>Fuel Processing Technology</i> , 2009, 90, 1524-1531.	7.2	22
85	A highly reactive and enhanced thermal stability nanocomposite catalyst based on Au nanoparticles assembled in the inner surface of SiO <sub>2</sub> hollow nanotubes. <i>Dalton Transactions</i> , 2014, 43, 11039.	3.3	22
86	Catalytic structure and reaction performance of PtSnK/ZSM-5 catalyst for propane dehydrogenation: influence of impregnation strategy. <i>Journal of Materials Science</i> , 2015, 50, 6457-6468.	3.7	22
87	A novel hierarchical TiO <sub>2</sub> @Pt@mSiO <sub>2</sub> hollow nanocatalyst with enhanced thermal stability. <i>Journal of Alloys and Compounds</i> , 2017, 701, 780-787.	5.5	21
88	Two dimensional metal-organic frameworks-derived leaf-like Co <sub>4</sub> S <sub>3</sub> /CdS composite for enhancing photocatalytic water evolution. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 39-47.	9.4	21
89	Fabrication of Ellipsoidal Silica Core-Shell Magnetic Structures with Extremely Stable Au Nanoparticles as Highly Reactive and Recoverable Catalysts. <i>Langmuir</i> , 2017, 33, 2698-2708.	3.5	20
90	In-situ construction of Au nanoparticles confined in double-shelled TiO <sub>2</sub> /mSiO <sub>2</sub> hollow architecture for excellent catalytic activity and enhanced thermal stability. <i>Applied Surface Science</i> , 2017, 392, 36-45.	6.1	20

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91	Synthesis of polymeric ionic liquids microspheres/Pd nanoparticles/CeO <sub>2</sub> core-shell structure catalyst for catalytic oxidation of benzyl alcohol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 107, 161-170.	5.3	20
92	Confinement of sulfur-doped NiO nanoparticles into N-doped carbon nanotube/nanofiber-coupled hierarchical branched superstructures: Electronic modulation by anion doping boosts oxygen evolution electrocatalysis. <i>Journal of Energy Chemistry</i> , 2021, 63, 585-593.	12.9	20
93	Synergistic effect between Sn and K promoters on supported platinum catalyst for isobutane dehydrogenation. <i>Journal of Natural Gas Chemistry</i> , 2011, 20, 639-646.	1.8	19
94	Synthesis of Ce-doped mesoporous $\gamma$ -alumina with enhanced catalytic performance for propane dehydrogenation. <i>Journal of Materials Science</i> , 2015, 50, 3984-3993.	3.7	19
95	Ionic liquid-assisted synthesis of highly dispersive bowknot-like ZnO microrods for photocatalytic applications. <i>Applied Surface Science</i> , 2017, 400, 269-276.	6.1	19
96	Co-CoO/ZnFe <sub>2</sub> O <sub>4</sub> encapsulated in carbon nanowires derived from MOFs as electrocatalysts for hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 620-628.	9.4	19
97	Effect of Preparation Processes on Catalytic Performance of PtSnNa/ZSM-5 for Propane Dehydrogenation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 5598-5603.	3.7	18
98	Effect of cerium addition on catalytic performance of PtSnNa/ZSM-5 catalyst for propane dehydrogenation. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 324-331.	1.8	18
99	Effect of aluminum modification on catalytic properties of PtSn-based catalysts supported on SBA-15 for propane dehydrogenation. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 207-214.	1.8	18
100	Enhanced catalytic activity with high thermal stability based on multiple Au cores in the interior of mesoporous SiO <sub>2</sub> -Al shells. <i>RSC Advances</i> , 2015, 5, 48187-48193.	3.6	18
101	Synthesis of micro/mesoporous silica material by dual-template method as a heterogeneous catalyst support for alkylation. <i>RSC Advances</i> , 2015, 5, 28124-28132.	3.6	18
102	One-step synthesis of core-shell structured mesoporous silica spheres templated by protic ionic liquid and CTAB. <i>Materials Letters</i> , 2016, 178, 35-38.	2.6	18
103	Synthesis of NiO-TiO <sub>2</sub> hybrids/mSiO <sub>2</sub> yolk-shell architectures embedded with ultrasmall gold nanoparticles for enhanced reactivity. <i>Applied Surface Science</i> , 2017, 412, 616-626.	6.1	18
104	Controllable fabrication of 3D porous carbon nitride with ultra-thin nanosheets templated by ionic liquid for highly efficient water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 25004-25014.	7.1	18
105	Synthesis and characterization of carbon nanotubes supported Au nanoparticles encapsulated in various oxide shells. <i>RSC Advances</i> , 2014, 4, 51334-51341.	3.6	17
106	Self-Assembly Hierarchical Silica Nanotubes with Vertically Aligned Silica Nanorods and Embedded Platinum Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1578-1585.	6.7	17
107	Influence of alumina binder content on catalytic properties of PtSnNa/AlSBA-15 catalysts. <i>Microporous and Mesoporous Materials</i> , 2012, 161, 33-39.	4.4	16
108	Immobilization of 12-Tungstophosphoric acid in alumina-grafted mesoporous LaSBA-15 and its catalytic activity for alkylation of o-xylene with styrene. <i>Microporous and Mesoporous Materials</i> , 2012, 161, 25-32.	4.4	16

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109	Synthesis of a hierarchical SiO <sub>2</sub> /Au/CeO <sub>2</sub> rod-like nanostructure for high catalytic activity and recyclability. RSC Advances, 2015, 5, 34549-34556.	3.6	16
110	Preparation of porous CuO nanosheet-like structure (CuO-NS) using C <sub>3</sub> N <sub>4</sub> template with enhanced visible-light photoactivity in degradation of chlortetracycline. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 168-176.	3.9	16
111	Preparation of TiO <sub>2</sub> –ZrO <sub>2</sub> /Au/CeO <sub>2</sub> hollow sandwich-like nanostructures for excellent catalytic activity and thermal stability. New Journal of Chemistry, 2017, 41, 13472-13482.	2.8	16
112	C-Rich Graphitic Carbon Nitride with Cross Pore Channels: A Visible-Light-Driven Photocatalyst for Water Splitting. ACS Applied Energy Materials, 2021, 4, 1784-1792.	5.1	16
113	Effect of calcination atmosphere on the catalytic properties of PtSnNaMg/ZSM-5 for propane dehydrogenation. Catalysis Communications, 2009, 10, 2013-2017.	3.3	15
114	Influence of the Competitive Adsorbates on the Catalytic Properties of PtSnNaMg/ZSM-5 Catalysts for Propane Dehydrogenation. Industrial & Engineering Chemistry Research, 2011, 50, 4345-4350.	3.7	15
115	Synthesis and characterization of Pt magnetic nanocatalysts with a TiO <sub>2</sub> or CeO <sub>2</sub> layer. RSC Advances, 2015, 5, 12472-12479.	3.6	15
116	Preparation of platinum nanoparticles immobilized on ordered mesoporous Co <sub>3</sub> O <sub>4</sub> –CeO <sub>2</sub> composites and their enhanced catalytic activity. RSC Advances, 2016, 6, 67173-67183.	3.6	15
117	The synthesis of new coke-resistant support and its application in propane dehydrogenation to propene. Journal of Chemical Technology and Biotechnology, 2016, 91, 1072-1081.	3.2	15
118	Sn <sup>2+</sup> -Doped Double-Shelled TiO <sub>2</sub> Hollow Nanospheres with Minimal Pt Content for Significantly Enhanced Solar H <sub>2</sub> Production. ACS Sustainable Chemistry and Engineering, 2018, 6, 7128-7137.	6.7	15
119	Effect of different lanthanum source and preparation method on the lanthanum-doped mesoporous SBA-15 synthesis. Journal of Porous Materials, 2011, 18, 677-683.	2.6	13
120	A 3D hierarchical magnetic Fe@Pt/Ti(OH) <sub>4</sub> nanoarchitecture for sinter-resistant catalyst. RSC Advances, 2015, 5, 64951-64960.	3.6	13
121	Facile one-step synthesis of micro/mesoporous material with ordered bimodal mesopores templated by protic ionic liquid as a heterogeneous catalyst support for alkylation. Journal of Porous Materials, 2015, 22, 1407-1416.	2.6	13
122	CdS nanospheres hybridized with graphitic C <sub>3</sub> N <sub>4</sub> for effective photocatalytic hydrogen generation under visible light irradiation. Applied Organometallic Chemistry, 2019, 33, e4671.	3.5	13
123	Synthesis of carbon nitride hollow microspheres with highly hierarchical porosity templated by poly(ionic liquid) for photocatalytic hydrogen evolution. Applied Organometallic Chemistry, 2020, 34, e5474.	3.5	13
124	Porous 2D cobalt–nickel phosphide triangular nanowall architecture assembled by 3D microsphere for enhanced overall water splitting. Applied Surface Science, 2021, 569, 150762.	6.1	13
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