Jimin Xie

List of Publications by Year in descending order

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145 papers	5,195 citations	76294 40 h-index	106281 65 g-index
146 all docs	146 docs citations	146 times ranked	7139 citing authors

#	Article	IF	Citations
1	Modifiers-assisted formation of nickel nanoparticles and their catalytic application to p-nitrophenol reduction. CrystEngComm, 2013, 15, 560-569.	1.3	244
2	Constructing graphite-like carbon nitride modified hierarchical yolkâ€“shell TiO₂ spheres for water pollution treatment and hydrogen production. Journal of Materials Chemistry A, 2016, 4, 1806-1818.	5.2	228
3	Ag₂S/g-C₃N₄ composite photocatalysts for efficient Pt-free hydrogen production. The co-catalyst function of Ag/Ag₂S formed by simultaneous photodeposition. Dalton Transactions, 2014, 43, 4878-4885.	1.6	203
4	A new visible light active multifunctional ternary composite based on TiO2â€“In2O3 nanocrystals heterojunction decorated porous graphitic carbon nitride for photocatalytic treatment of hazardous pollutant and H2 evolution. Applied Catalysis B: Environmental, 2015, 170-171, 195-205.	10.8	160
5	Construction of novel CNT/LaVO4 nanostructures for efficient antibiotic photodegradation. Chemical Engineering Journal, 2019, 357, 487-497.	6.6	158
6	Silver-loaded nitrogen-doped yolkâ€“shell mesoporous TiO₂hollow microspheres with enhanced visible light photocatalytic activity. Nanoscale, 2015, 7, 784-797.	2.8	157
7	Removal of cationic dyes from aqueous solution by adsorption onto hydrophobic/hydrophilic silica aerogel. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 539-549.	2.3	150
8	Highly efficient heterojunction photocatalyst based on nanoporous g-C3N4 sheets modified by Ag3PO4 nanoparticles: Synthesis and enhanced photocatalytic activity. Journal of Colloid and Interface Science, 2014, 417, 115-120.	5.0	143
9	Carbon nitride coupled with CdS-TiO 2 nanodots as 2D/0D ternary composite with enhanced photocatalytic H 2 evolution: A novel efficient three-level electron transfer process. Applied Catalysis B: Environmental, 2017, 210, 194-204.	10.8	133
10	Facile route fabrication of nano-Ni core mesoporous-silica shell particles with high catalytic activity towards 4-nitrophenol reduction. CrystEngComm, 2012, 14, 4601.	1.3	109
11	MoCâ€“graphite composite as a Pt electrocatalyst support for highly active methanol oxidation and oxygen reduction reaction. Journal of Materials Chemistry A, 2014, 2, 4014.	5.2	106
12	In situ growth of M-MO (MÂ= Ni, Co) in 3D graphene as a competent bifunctional electrocatalyst for OER and HER. Electrochimica Acta, 2019, 298, 163-171.	2.6	104
13	Surface modification of graphene oxide nanosheets by protamine sulfate/sodium alginate for anti-cancer drug delivery application. Applied Surface Science, 2018, 440, 853-860.	3.1	101
14	Direct Z-scheme red carbon nitride/rod-like lanthanum vanadate composites with enhanced photodegradation of antibiotic contaminants. Applied Catalysis B: Environmental, 2020, 277, 119245.	10.8	90
15	Layer-by-layer modification of magnetic graphene oxide by chitosan and sodium alginate with enhanced dispersibility for targeted drug delivery and photothermal therapy. Colloids and Surfaces B: Biointerfaces, 2019, 176, 462-470.	2.5	79
16	Synthetic coreâ€“shell Ni@Pd nanoparticles supported on graphene and used as an advanced nanoelectrocatalyst for methanol oxidation. New Journal of Chemistry, 2012, 36, 2533.	1.4	74
17	Natural leaves-assisted synthesis of nitrogen-doped, carbon-rich nanodots-sensitized, Ag-loaded anatase TiO2 square nanosheets with dominant {001} facets and their enhanced catalytic applications. Journal of Materials Chemistry A, 2013, 1, 14963.	5.2	69
18	Non-covalent modification of graphene oxide nanocomposites with chitosan/dextran and its application in drug delivery. RSC Advances, 2016, 6, 9328-9337.	1.7	69

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19	Combined effect of cypermethrin and copper on catalase activity in soil. Journal of Soils and Sediments, 2008, 8, 327-332.	1.5	65
20	In situ synthesis of bimetallic Ag/Pt loaded single-crystalline anatase TiO2 hollow nano-hemispheres and their improved photocatalytic properties. CrystEngComm, 2014, 16, 2384.	1.3	64
21	Chitosan/sodium alginate modificated graphene oxide-based nanocomposite as a carrier for drug delivery. Ceramics International, 2016, 42, 17798-17805.	2.3	62
22	In situ chemical transformation synthesis of Bi₄Ti₃O₁₂/Iâ€“BiOCl 2D/2D heterojunction systems for water pollution treatment and hydrogen production. Catalysis Science and Technology, 2017, 7, 3863-3875.	2.1	62
23	In situ construction efficient visible-light-driven three-dimensional Polypyrrole/Zn3In2S6 nanoflower to systematically explore the photoreduction of Cr(VI): Performance, factors and mechanism. Journal of Hazardous Materials, 2020, 384, 121480.	6.5	61
24	Efficient Synthesis of 1-Acetylpyrene Using [Bmim]Clâ€“FeCl3 Ionic Liquid as Dual Catalyst and Solvent. International Journal of Chemical Reactor Engineering, 2013, 11, 1-7.	0.6	58
25	M_XP(M = Co/Ni)@carbon coreâ€“shell nanoparticles embedded in 3D cross-linked graphene aerogel derived from seaweed biomass for hydrogen evolution reaction. Nanoscale, 2018, 10, 9698-9706.	2.8	58
26	Characterization and comparison of uniform hydrophilic/hydrophobic transparent silica aerogel beads: skeleton strength and surface modification. RSC Advances, 2015, 5, 55579-55587.	1.7	56
27	A surface ion-imprinted mesoporous sorbent for separation and determination of Pb(II) ion by flame atomic absorption spectrometry. Mikrochimica Acta, 2011, 172, 309-317.	2.5	55
28	Ternary MIL-100(Fe)@Fe3O4/CA magnetic nanophotocatalysts (MNPCs): Magnetically separable and Fenton-like degradation of tetracycline hydrochloride. Advanced Powder Technology, 2018, 29, 3305-3314.	2.0	55
29	Cobalt phosphide nanoparticles embedded in 3D N-doped porous carbon for efficient hydrogen and oxygen evolution reactions. International Journal of Hydrogen Energy, 2019, 44, 4543-4552.	3.8	52
30	Facile synthesis silver nanoparticles on different xerogel supports as highly efficient catalysts for the reduction of p-nitrophenol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 520, 743-756.	2.3	51
31	Electrochemical CO2 reduction on copper nanoparticles-dispersed carbon aerogels. Journal of Colloid and Interface Science, 2019, 545, 1-7.	5.0	48
32	CoP nanoparticles encapsulated in three-dimensional N-doped porous carbon for efficient hydrogen evolution reaction in a broad pH range. Applied Surface Science, 2019, 476, 749-756.	3.1	47
33	In situ growth of N-doped carbon coated CoNi alloy with graphene decoration for enhanced HER performance. Journal of Energy Chemistry, 2019, 29, 129-135.	7.1	47
34	Negative-charge-functionalized mesoporous silica nanoparticles as drug vehicles targeting hepatocellular carcinoma. International Journal of Pharmaceutics, 2014, 474, 223-31.	2.6	46
35	Ni3Fe nanoparticles enclosed by B-doped carbon for efficient bifunctional performances of oxygen and hydrogen evolution reactions. Journal of Alloys and Compounds, 2020, 835, 155267.	2.8	46
36	A facile strategy for SnS2/g-C3N4 heterojunction composite and the mechanism in photocatalytic degradation of MO. Journal of Molecular Catalysis A, 2016, 425, 174-182.	4.8	45

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37	Gentle way to build reduced titanium dioxide nanodots integrated with graphite-like carbon spheres: From DFT calculation to experimental measurement. Applied Catalysis B: Environmental, 2017, 204, 283-295.	10.8	45
38	Robust bifunctional catalytic activities of N-doped carbon aerogel-nickel composites for electrocatalytic hydrogen evolution and hydrogenation of nitrocompounds. International Journal of Hydrogen Energy, 2019, 44, 13334-13344.	3.8	45
39	Biomass-derived multifunctional TiO₂/carbonaceous aerogel composite as a highly efficient photocatalyst. RSC Advances, 2016, 6, 25255-25266.	1.7	44
40	Uniform Cu2Cl(OH)3 hierarchical microspheres: A novel adsorbent for methylene blue adsorptive removal from aqueous solution. Journal of Solid State Chemistry, 2013, 204, 305-313.	1.4	43
41	Brookite titania photocatalytic nanomaterials: Synthesis, properties, and applications. Pure and Applied Chemistry, 2009, 81, 2407-2415.	0.9	40
42	Nickel and cobalt in situ grown in 3-dimensional hierarchical porous graphene for effective methanol electro-oxidation reaction. Journal of Electroanalytical Chemistry, 2019, 838, 7-15.	1.9	40
43	Natural carbon nanodots assisted development of size-tunable metal (Pd, Ag) nanoparticles grafted on bionic dendritic Î±-Fe₂O₃ for cooperative catalytic applications. Journal of Materials Chemistry A, 2015, 3, 23607-23620.	5.2	39
44	Nitrogen doped lotus stem carbon as electrocatalyst comparable to Pt/C for oxygen reduction reaction in alkaline media. International Journal of Hydrogen Energy, 2017, 42, 20560-20567.	3.8	39
45	Chrysanthemum-like FeS/Ni3S2 heterostructure nanoarray as a robust bifunctional electrocatalyst for overall water splitting. Journal of Colloid and Interface Science, 2022, 608, 536-548.	5.0	39
46	Integrating AgI/AgBr biphasic heterostructures encased by few layer h-BN with enhanced catalytic activity and stability. Journal of Colloid and Interface Science, 2017, 496, 434-445.	5.0	36
47	Highly efficient visible-light photocatalysts: reduced graphene oxide and C₃N₄ nanosheets loaded with Ag nanoparticles. RSC Advances, 2015, 5, 15993-15999.	1.7	35
48	Ag₂S quantum dots in situ coupled to hexagonal SnS₂ with enhanced photocatalytic activity for MO and Cr(<scp>vi</scp>) removal. RSC Advances, 2017, 7, 46823-46831.	1.7	35
49	Novel broad spectrum light responsive PPy/hexagonal-SnS2 photocatalyst for efficient photoreduction of Cr(VI). Materials Research Bulletin, 2019, 112, 226-235.	2.7	35
50	Cobaltâ€“Iron nanoparticles encapsulated in mesoporous carbon nanosheets: A one-pot synthesis of highly stable electrocatalysts for overall water splitting. International Journal of Hydrogen Energy, 2021, 46, 5234-5249.	3.8	35
51	Selective adsorption of organic dyes by porous hydrophilic silica aerogels from aqueous system. Water Science and Technology, 2018, 78, 402-414.	1.2	34
52	Selective Adsorption of Co(II) by Mesoporous Silica SBAâ€15â€Supported Surface Ion Imprinted Polymer: Kinetics, Isotherms, and Thermodynamics Studies. Chinese Journal of Chemistry, 2011, 29, 387-398.	2.6	33
53	Graphene oxide-modified LaVO₄ nanocomposites with enhanced photocatalytic degradation efficiency of antibiotics. Inorganic Chemistry Frontiers, 2018, 5, 2818-2828.	3.0	31
54	In situconfined vertical growth of a 1D-CuCo₂S₄nanoarray on Ni foam covered by a 3D-PANI mesh layer to form a self-supporting hierarchical structure for high-efficiency oxygen evolution catalysis. Nanoscale, 2019, 11, 12326-12336.	2.8	31

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55	Ultrafine Co₃O₄embedded in nitrogen-doped graphene with synergistic effect and high stability for supercapacitors. RSC Advances, 2016, 6, 48357-48364.	1.7	30
56	Deposition of Ag nanoparticles on g-C₃N₄nanosheet byN,N-dimethylformamide: Soft synthesis and enhanced photocatalytic activity. Journal of Materials Research, 2014, 29, 2170-2178.	1.2	29
57	Nickel coreâ€“palladium shell nanoparticles grown on nitrogen-doped graphene with enhanced electrocatalytic performance for ethanol oxidation. RSC Advances, 2016, 6, 33231-33239.	1.7	29
58	In situ growth of Ag/Ag₂O nanoparticles on g-C₃N₄ by a natural carbon nanodot-assisted green method for synergistic photocatalytic activity. RSC Advances, 2016, 6, 3186-3197.	1.7	29
59	Synergistically coupling of Co/Mo2C/Co6Mo6C2@C electrocatalyst for overall water splitting: The role of carbon precursors in structural engineering and catalytic activity. Applied Surface Science, 2022, 579, 152148.	3.1	29
60	Preparation of nickelâ€“silver coreâ€“shell nanoparticles by liquid-phase reduction for use in conductive paste. Journal of Experimental Nanoscience, 2015, 10, 1347-1356.	1.3	28
61	A controlled solvethermal approach to synthesize nanocrystalline iron oxide for congo red adsorptive removal from aqueous solutions. Journal of Materials Science, 2016, 51, 4481-4494.	1.7	28
62	Nitrogen doped porous carbon with iron promotion for oxygen reduction reaction in alkaline and acidic media. International Journal of Hydrogen Energy, 2019, 44, 4090-4101.	3.8	28
63	3D graphene decorated with hexagonal micro-coin of Co(OH)2: A competent electrocatalyst for hydrogen and oxygen evolution reaction. International Journal of Hydrogen Energy, 2019, 44, 14770-14779.	3.8	28
64	Small-sized Pt particles on mesoporous hollow carbon spheres for highly stable oxygen reduction reaction. Electrochimica Acta, 2013, 109, 256-261.	2.6	27
65	Lanthanide Metal-Organic Frameworks with Six-Coordinated Ln(III) Ions and Free Functional Organic Sites for Adsorptions and Extensive Catalytic Activities. Scientific Reports, 2016, 6, 29728.	1.6	27
66	Comparative study of modified/non-modified aluminum and silica aerogels for anionic dye adsorption performance. RSC Advances, 2018, 8, 29129-29140.	1.7	26
67	Mesoporous graphene-like nanobowls as Pt electrocatalyst support for highly active and stable methanol oxidation. Journal of Power Sources, 2015, 284, 497-503.	4.0	24
68	Constructing mesoporous Bi4Ti3O12 with enhanced visible light photocatalytic activity. Materials Letters, 2016, 183, 303-306.	1.3	24
69	Photodegradation of lambdaâ€cyhalothrin and cypermethrin in aqueous solution as affected by humic acid and/or copper: Intermediates and degradation pathways. Environmental Toxicology and Chemistry, 2011, 30, 2440-2448.	2.2	23
70	Efficient removal of erichrome black T with biomass-derived magnetic carbonaceous aerogel sponge. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 248, 114387.	1.7	23
71	Nickel loaded graphene-like carbon sheets an improved electrocatalyst for hydrogen evolution reaction. Materials Chemistry and Physics, 2019, 227, 105-110.	2.0	22
72	Fabrication of noble-metal-free NiS2/g-C3N4 hybrid photocatalysts with visible light-responsive photocatalytic activities. Research on Chemical Intermediates, 2016, 42, 6483-6499.	1.3	21

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73	Controlled self-assembly synthesis of CuCo2O4/rGO for improving the morphology-dependent electrochemical oxygen evolution performance. Applied Surface Science, 2019, 493, 710-718.	3.1	21
74	Facile synthesis of N, S co-doped MoO2@C nanorods as an outstanding electrocatalyst for hydrogen evolution reaction. Applied Surface Science, 2021, 537, 147971.	3.1	21
75	Alkylation of anthracene to 2-isopropylanthracene catalyzed by Lewis acid ionic liquids. Korean Journal of Chemical Engineering, 2009, 26, 1563-1567.	1.2	19
76	Chitosan and dextran stabilized GO-iron oxide nanosheets with high dispersibility for chemotherapy and photothermal ablation. Ceramics International, 2019, 45, 5996-6003.	2.3	19
77	Iron promoted nitrogen doped porous graphite for efficient oxygen reduction reaction in alkaline and acidic media. Journal of Alloys and Compounds, 2019, 773, 819-827.	2.8	19
78	The construction of a Fenton system to achieve in situ H2O2 generation and decomposition for enhanced photocatalytic performance. Inorganic Chemistry Frontiers, 2019, 6, 1490-1500.	3.0	18
79	Incorporation of pyridinic and graphitic N to Ni@ <scp>CNTs</scp> : As a competent electrocatalyst for hydrogen evolution reaction. International Journal of Energy Research, 2020, 44, 9157-9165.	2.2	18
80	Hierarchical Co/MoO2@N-doped carbon nanosheets derived from waste lotus leaves for electrocatalytic water splitting. International Journal of Hydrogen Energy, 2022, 47, 15673-15686.	3.8	18
81	Hierarchical porous nitrogen-doped graphite from tissue paper as efficient electrode material for symmetric supercapacitor. Journal of Power Sources, 2021, 492, 229670.	4.0	17
82	Ni-Fe-Co based mixed metal/metal-oxides nanoparticles encapsulated in ultrathin carbon nanosheets: A bifunctional electrocatalyst for overall water splitting. Surfaces and Interfaces, 2021, 26, 101361.	1.5	17
83	Preparation and characterization of heterojunction semiconductor YFeO₃/TiO₂ with an enhanced photocatalytic activity. Journal of Materials Research, 2010, 25, 104-109.	1.2	16
84	Tunable synthesis of enhanced photodegradation activity of brookite/anatase mixed-phase titanium dioxide. Journal of Materials Research, 2013, 28, 400-404.	1.2	16
85	B-doped carbon enclosed Ni nanoparticles: A robust, stable and efficient electrocatalyst for hydrogen evolution reaction. Journal of Electroanalytical Chemistry, 2020, 869, 114085.	1.9	16
86	CTAB-assisted synthesis and characterization of Bi2WO6 photocatalysts grown from WO3Â·0.33H2O nanoplate precursors. Monatshefte FÃ¼r Chemie, 2014, 145, 47-59.	0.9	15
87	Hollow tungsten carbide/carbon sphere promoted Pt electrocatalyst for efficient methanol oxidation. RSC Advances, 2015, 5, 6790-6796.	1.7	15
88	Synthesis, characterization, and adsorption properties of silica aerogels crosslinked with diisocyanate under ambient drying. Journal of Materials Science, 2016, 51, 9472-9483.	1.7	15
89	ZnS@carbonaceous aerogel composites fabricated in production of hydrogen and for removal of organic pollutants. Journal of Materials Science: Materials in Electronics, 2018, 29, 8523-8534.	1.1	15
90	Fabrication of CNTs encapsulated nickel-nickel phosphide nanoparticles on graphene for remarkable hydrogen evolution reaction performance. Journal of Electroanalytical Chemistry, 2019, 846, 113142.	1.9	15

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91	Microwave synthesis of three dimensional N-doped graphene self-supporting networks coated with Zinc/Nickel oxide nanocrystals for supercapacitor electrode applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 6991-7001.	1.1	14
92	Hierarchical ultrathin defect-rich CoFe₂O₄@BC nanoflowers synthesized via a temperature-regulated strategy with outstanding hydrogen evolution reaction activity. Inorganic Chemistry Frontiers, 2021, 8, 1455-1467.	3.0	14
93	Novel 3D graphene ornamented with CoO nanoparticles as an efficient bifunctional electrocatalyst for oxygen and hydrogen evolution reactions. Materials Chemistry and Physics, 2021, 261, 124237.	2.0	14
94	Probing effective charge migration and highly improved photocatalytic activity on Polyaniline/Zn3In2S6 nano-flower under long wavelength light. Separation and Purification Technology, 2021, 274, 119004.	3.9	14
95	Synthesis and Adsorption Performance of Surfaceâ€Grafted Co(II)â€Imprinted Polymer for Selective Removal of Cobalt. Chinese Journal of Chemistry, 2010, 28, 548-554.	2.6	13
96	Hydrothermal synthesis and properties of BiVO₄ photocatalysts. Journal of Materials Research, 2013, 28, 3408-3416.	1.2	13
97	Synthetic bismuth silicate nanostructures: Photocatalysts grown from silica aerogels precursors. Journal of Materials Research, 2013, 28, 1658-1668.	1.2	13
98	Silver nanoparticles stabilized by bundled tungsten oxide nanowires with catalytic and antibacterial activities. Journal of Materials Research, 2014, 29, 71-77.	1.2	12
99	Novel broad-spectrum-driven g-C3N4 with oxygen-linked band and porous defect for photodegradation of bisphenol A, 2-mercaptophenthiazole and ciprofloxacin. Chemosphere, 2021, 268, 128839.	4.2	12
100	Photoenhanced degradation of rhodamine blue on monometallic gold (Au) loaded brookite titania photocatalysts activated by visible light. Reaction Kinetics, Mechanisms and Catalysis, 2012, 107, 487-502.	0.8	11
101	Solvothermal engineering of bismuth molybdate with C3N4 nanosheets, and enhanced photocatalytic activity. Research on Chemical Intermediates, 2015, 41, 9629-9642.	1.3	11
102	Controllable synthesis of fluorapatite microcrystals decorated with silver nanoparticles and their optical properties. RSC Advances, 2015, 5, 12392-12396.	1.7	11
103	Controllable synthesis of magnetic Fe3O4 encapsulated semimetal Bi nanospheres with excellent stability and catalytic activity. Journal of Materials Science, 2018, 53, 13886-13899.	1.7	11
104	Preparation of 3,6-dibenzoylacenapthene in the presence of Lewis acidic ionic liquids. Reaction Kinetics and Catalysis Letters, 2009, 98, 355-363.	0.6	10
105	A theoretical study of molecular conformations and gelation ability of N,Nâ€²-dipyridyl urea compounds in ethanol solution: DFT calculations and MD simulations. RSC Advances, 2013, 3, 18115.	1.7	10
106	Transition-metal-free borylation of propargylic alcohols: structurally variable synthesis in ionic liquid medium. Organic Chemistry Frontiers, 2019, 6, 1895-1899.	2.3	10
107	Facile synthesis of Cu nanoparticles on different morphology ZrO2 supports for catalytic hydrogen generation from ammonia borane. Journal of Materials Science: Materials in Electronics, 2018, 29, 14971-14980.	1.1	9
108	The effect of solvent parameters on properties of iron-based silica binary aerogels as adsorbents. Journal of Colloid and Interface Science, 2019, 549, 189-200.	5.0	9

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109	Porous carbonized egg white as efficient electrocatalyst for oxygen reduction reaction. International Journal of Hydrogen Energy, 2021, 46, 21112-21123.	3.8	9
110	An Efficient and Practical Method for Olefin Dihydroxylation. Synthesis, 2016, 48, 3696-3700.	1.2	8
111	Multicomponent synthesis and anticancer activity studies of novel 6-(Trifluoromethyl)-1, 2, 3, 4-tetrahydropyrimidine-5-carboxylate derivatives. Synthetic Communications, 2018, 48, 2226-2231.	1.1	8
112	NiCoP nanoparticles encapsulated in cross-linked graphene aerogel to efficient hydrogen evolution reaction. Journal of Materials Science: Materials in Electronics, 2020, 31, 13521-13530.	1.1	8
113	Size-controllable synthesis of zinc ferrite/reduced graphene oxide aerogels: efficient electrochemical sensing of p-nitrophenol. Nanotechnology, 2020, 31, 435706.	1.3	8
114	Highly Stable Ultrafine Boronâ€Ðoped NiCo@Carbon Nanoparticles as a Robust Electrocatalyst for the Hydrogen Evolution Reaction. ChemElectroChem, 2021, 8, 1337-1348.	1.7	8
115	Ni nanoparticles oriented on MoO2@BC nanosheets with an outstanding long-term stability for hydrogen evolution reaction. Chemical Engineering Science, 2021, 246, 116868.	1.9	8
116	Angstrom-scale vanadium carbide rods as Pt electrocatalyst support for efficient methanol oxidation reaction. RSC Advances, 2015, 5, 9561-9564.	1.7	7
117	Simultaneous fabrication of cobaltâ€based graphene with rich N dopant for hydrogen evolution reaction in basic medium. International Journal of Energy Research, 2021, 45, 14010-14020.	2.2	7
118	Rational fabrication of chitosan/alginate/silica ternary aerogel beads adsorbent with free separation. Micro and Nano Letters, 2019, 14, 142-145.	0.6	7
119	Novel Countercation in MMX-Type Mixed-Valence Chain Compound: Coexistence of Neutral and Protonated Amino Substituents. Polymers, 2011, 3, 1652-1661.	2.0	6
120	Exterior and small carbide particle promoted platinum electrocatalyst for efficient methanol oxidation. RSC Advances, 2016, 6, 66665-66671.	1.7	6
121	UV-resistant hydrophobic rutile titania aerogels synthesized through a nonalkoxide ambient pressure drying process. Journal of Materials Research, 2013, 28, 378-384.	1.2	5
122	Formation of cobalt silicide nanoparticles on graphene with a synergistic effect and high stability for ethanol oxidation. RSC Advances, 2016, 6, 30293-30300.	1.7	5
123	Silver(I), nickel(II) N-heterocyclic carbene complexes based on bidentate bis-imidazolium salt with a quinoxaline linker: syntheses, structures, and characterization. Journal of Coordination Chemistry, 2017, 70, 615-625.	0.8	5
124	Embedded cobalt sulfide/N-doped reduced graphene oxide nanocomposite for high-efficiency hydrogen evolution catalysis. Materials Research Express, 2019, 6, 115508.	0.8	5
125	F(1 H â€Pyrazolâ€4â€yl)methyleneâ€Hydrazide derivatives: Synthesis and antimicrobial activity. Journal of Heterocyclic Chemistry, 2020, 57, 751-760.	1.4	5
126	Microwave-assisted synthesis of mesoporous hemispherical graphite promoted with iron and nitrogen doping for reduction of oxygen. Journal of Alloys and Compounds, 2020, 838, 155608.	2.8	5

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127	Interrelations between sulfur, iron, nitrogen, pore and graphite matrix for oxygen reduction reaction. International Journal of Hydrogen Energy, 2020, 45, 11321-11329.	3.8	5
128	Prostate cancer biomarker citrate detection using triaminoguanidinium carbon dots, its applications in live cells and human urine samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 268, 120622.	2.0	5
129	Synthesis of 1-benzoylpyrene using silica-supported phosphotungstic heteropoly acid as an efficient and reusable catalyst. Korean Journal of Chemical Engineering, 2012, 29, 1388-1392.	1.2	4
130	A Rare Heterobimetallic Caâ€“Ag Coordination Polymer as Sensitive Luminescence Sensor for TNP. Journal of Cluster Science, 2018, 29, 411-416.	1.7	4
131	Syntheses and Crystal Structures of Copper Complexes of the Imidazole Ligand. Journal of Chemical Research, 2008, 2008, 344-346.	0.6	3
132	Preparation and characterization of biodiesel waste-derived biomass for the removal of dye from contaminated water. Journal of Water Supply: Research and Technology - AQUA, 2020, 69, 365-375.	0.6	3
133	Simultaneous synthesis of bimetallic@3D graphene electrocatalyst for HER and OER. Frontiers of Materials Science, 2021, 15, 305-315.	1.1	3
134	Facile Synthesis of Micro CuO Crystals for Li Ion Full Battery. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 4434.	1.9	3
135	Syntheses and characterization of two new compounds based on versatile 1,2,3,5-benzenetetracarboxylic acid and 2,2â€²-bibenzimidazole. Journal of Coordination Chemistry, 2017, 70, 2510-2519.	0.8	2
136	Renewable amberlyst-15 catalyzed highly regioselective tritylation and deprotection of sugar-based diols. Journal of Carbohydrate Chemistry, 2018, 37, 318-326.	0.4	2
137	Determination of picric acid using micro CdS crystal-modified glassy carbon electrode. International Journal of Environmental Analytical Chemistry, 2020, 100, 957-967.	1.8	2
138	Trifluoroborane catalyzed chemoselective synthesis of highly functionalized 1,3â€thiazinâ€2â€ylidenes. Journal of Heterocyclic Chemistry, 2020, 57, 3334-3341.	1.4	2
139	Reductive Aromatization of Quinols with B 2 pin 2 as Deoxidizing Agent. Chemistry - an Asian Journal, 2020, 15, 1022-1024.	1.7	2
140	Cuâ€“Co bimetallic nanospheres embedded in graphene as excellent anode catalysts for electrocatalytic oxygen evolution reaction. Micro and Nano Letters, 2019, 14, 466-469.	0.6	2
141	Crystal Structure of a Hydrate Complex of Phthalic Acid [phth = o-phthalate]. Analytical Sciences: X-ray Structure Analysis Online, 2008, 24, X95-X96.	0.1	1
142	Three coordination compounds based on benzene tetracarboxylate ligand: syntheses, structures, thermal behaviors and luminescence properties. Journal of Chemical Sciences, 2017, 129, 1183-1191.	0.7	1
143	Transition Metalâ€Free Alkyneâ€Aldehyde Reductive Câˆ’C Coupling trough Cascade Borylation/Olefin Isomerization. Helvetica Chimica Acta, 2020, 103, e2000028.	1.0	1
144	Fabrication of glucose biosenensor based on one-step electrodeposited GOD/TISBA-15/CHIT composite. , 2010, , .		0

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145	Facile Synthesis of ZnS Nanoparticles for Detection of O-nitrophenol. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1320-1326.	1.9	0