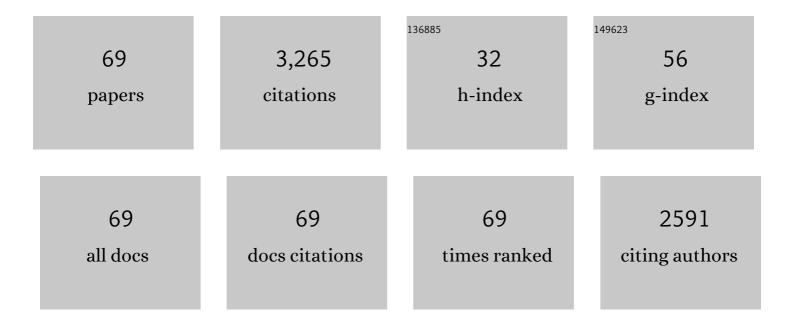
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Graphene-encapsulated cobalt nanoparticles embedded in porous nitrogen-doped graphitic carbon nanosheets as efficient electrocatalysts for oxygen reduction reaction. Journal of Colloid and Interface Science, 2019, 552, 744-751.	5.0	186
2	A novel electrochemical immunosensor for highly sensitive detection of prostate-specific antigen using 3D open-structured PtCu nanoframes for signal amplification. Biosensors and Bioelectronics, 2019, 126, 187-192.	5.3	144
3	Controlled fabrication of well-dispersed AgPd nanoclusters supported on reduced graphene oxide with highly enhanced catalytic properties towards 4-nitrophenol reduction. Journal of Colloid and Interface Science, 2018, 516, 355-363.	5.0	128
4	FeCo/FeCoP encapsulated in N, Mn-codoped three-dimensional fluffy porous carbon nanostructures as highly efficient bifunctional electrocatalyst with multi-components synergistic catalysis for ultra-stable rechargeable Zn-air batteries. Journal of Colloid and Interface Science, 2022, 605, 451-462.	5.0	127
5	Iron, rhodium-codoped Ni2P nanosheets arrays supported on nickel foam as an efficient bifunctional electrocatalyst for overall water splitting. Journal of Colloid and Interface Science, 2022, 605, 888-896.	5.0	122
6	One-pot aqueous synthesis of two-dimensional porous bimetallic PtPd alloyed nanosheets as highly active and durable electrocatalyst for boosting oxygen reduction and hydrogen evolution. Journal of Colloid and Interface Science, 2019, 543, 1-8.	5.0	115
7	Facile solvothermal synthesis of Pt71Co29 lamellar nanoflowers as an efficient catalyst for oxygen reduction and methanol oxidation reactions. Journal of Colloid and Interface Science, 2019, 536, 556-562.	5.0	114
8	Mn, N, P-tridoped bamboo-like carbon nanotubes decorated with ultrafine Co2P/FeCo nanoparticles as bifunctional oxygen electrocatalyst for long-term rechargeable Zn-air battery. Journal of Colloid and Interface Science, 2021, 590, 330-340.	5.0	112
9	In situ produced Co9S8 nanoclusters/Co/Mn-S, N multi-doped 3D porous carbon derived from eriochrome black T as an effective bifunctional oxygen electrocatalyst for rechargeable Zn-air batteries. Journal of Colloid and Interface Science, 2022, 608, 2100-2110.	5.0	108
10	Crystalline palladium–cobalt alloy nanoassemblies with enhanced activity and stability for the formic acid oxidation reaction. Applied Catalysis B: Environmental, 2013, 138-139, 229-235.	10.8	107
11	Facile synthesis of nanoflower-like phosphorus-doped Ni3S2/CoFe2O4 arrays on nickel foam as a superior electrocatalyst for efficient oxygen evolution reaction. Journal of Colloid and Interface Science, 2021, 581, 774-782.	5.0	99
12	Theophylline-regulated pyrolysis synthesis of nitrogen-doped carbon nanotubes with iron-cobalt nanoparticles for greatly boosting oxygen reduction reaction. Journal of Colloid and Interface Science, 2022, 626, 653-661.	5.0	96
13	A facile one-pot room-temperature growth of self-supported ultrathin rhodium-iridium nanosheets as high-efficiency electrocatalysts for hydrogen evolution reaction. Journal of Colloid and Interface Science, 2022, 606, 1707-1714.	5.0	95
14	Iron, manganese co-doped Ni3S2 nanoflowers in situ assembled by ultrathin nanosheets as a robust electrocatalyst for oxygen evolution reaction. Journal of Colloid and Interface Science, 2021, 588, 248-256.	5.0	94
15	Coordination regulated pyrolysis synthesis of ultrafine FeNi/(FeNi)9S8 nanoclusters/nitrogen, sulfur-codoped graphitic carbon nanosheets as efficient bifunctional oxygen electrocatalysts. Journal of Colloid and Interface Science, 2022, 610, 573-582.	5.0	87
16	Facile synthesis of Pd–Co–P ternary alloy network nanostructures and their enhanced electrocatalytic activity towards hydrazine oxidation. Journal of Materials Chemistry A, 2014, 2, 1252-1256.	5.2	84
17	Ultrafine NiCoP-decorated N,S,P-codoped hierarchical porous carbon nanosheets as an efficient bifunctional electrocatalyst for oxygen reduction and oxygen evolution. Materials Chemistry Frontiers, 2019, 3, 1849-1858.	3.2	82
18	Melamine-assisted solvothermal synthesis of PtNi nanodentrites as highly efficient and durable electrocatalyst for hydrogen evolution reaction. Journal of Colloid and Interface Science, 2018, 531, 578-584.	5.0	64

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19	Aminouracil-assisted synthesis of CoFe decorated bougainvillea-like N-doped carbon nanoflowers for boosting Zn–air battery and water electrolysis. Journal of Power Sources, 2022, 521, 230926.	4.0	59
20	In-situ construction of 3D hetero-structured sulfur-doped nanoflower-like FeNi LDH decorated with NiCo Prussian blue analogue cubes as efficient electrocatalysts for boosting oxygen evolution reaction. Journal of Colloid and Interface Science, 2022, 611, 205-214.	5.0	57
21	Highly active Fe centered FeM-N-doped carbon (MÂ=ÂCo/Ni/Mn): A general strategy for efficient oxygen conversion in Zn–air battery. Chemical Engineering Journal, 2021, 424, 130559.	6.6	55
22	Highly sensitive label-free amperometric immunoassay of prostate specific antigen using hollow dendritic AuPtAg alloyed nanocrystals. Biosensors and Bioelectronics, 2018, 111, 47-51.	5.3	53
23	Amorphous 3D pomegranate-like NiCoFe nanoassemblies derived by bi-component cyanogel reduction for outstanding oxygen evolution reaction. Journal of Energy Chemistry, 2021, 53, 260-267.	7.1	52
24	Facile Synthesis of 3D NiCoP@NiCoPO _{<i>x</i>} Core–Shell Nanostructures with Boosted Catalytic Activity toward Oxygen Evolution Reaction. ACS Applied Energy Materials, 2019, 2, 4188-4194.	2.5	47
25	3D highly branched PtCoRh nanoassemblies: Clycine-assisted solvothermal synthesis and superior catalytic activity for alcohol oxidation. Journal of Colloid and Interface Science, 2019, 554, 512-519.	5.0	46
26	Bioinspired One-Step Pyrolysis Fabrication of 3D Porous Co, N, P-doped Carbon Nanosheets with Enriched CoN _{<i>x</i>} Active Sites as High-Performance Bifunctional Oxygen Electrocatalyst for Rechargeable Zn–Air Battery. ACS Applied Energy Materials, 2020, 3, 2781-2790.	2.5	46
27	Solvothermal Synthesis of Monodisperse PtCu Dodecahedral Nanoframes with Enhanced Catalytic Activity and Durability for Hydrogen Evolution Reaction. ACS Applied Energy Materials, 2018, 1, 5054-5061.	2.5	43
28	Prussian blue analogue-derived CoFe nanocrystals wrapped in nitrogen-doped carbon nanocubes for overall water splitting and Zn-air battery. Journal of Power Sources, 2020, 480, 229107.	4.0	42
29	Assembled hollow spheres with CoFe alloyed nanocrystals encapsulated in N, P-doped carbon nanovesicles: An ultra-stable bifunctional oxygen catalyst for rechargeable Zn-air battery. Journal of Power Sources, 2020, 475, 228594.	4.0	41
30	Poly-l-lysine mediated synthesis of palladium nanochain networks and nanodendrites as highly efficient electrocatalysts for formic acid oxidation and hydrogen evolution. Journal of Colloid and Interface Science, 2018, 516, 325-331.	5.0	36
31	Platinum69-cobalt31 alloyed nanosheet nanoassemblies as advanced bifunctional electrocatalysts for boosting ethylene glycol oxidation and oxygen reduction. Journal of Colloid and Interface Science, 2018, 525, 216-224.	5.0	36
32	Electronic Regulation of ZnCo Dualâ€Atomic Active Sites Entrapped in 1D@2D Hierarchical Nâ€Đoped Carbon for Efficient Synergistic Catalysis of Oxygen Reduction in Zn–Air Battery. Small, 2022, 18, e2107141.	5.2	36
33	Facile one-pot aqueous fabrication of interconnected ultrathin PtPbPd nanowires as advanced electrocatalysts for ethanol oxidation and oxygen reduction reactions. International Journal of Hydrogen Energy, 2019, 44, 27455-27464.	3.8	32
34	Straw-like phosphorus-doped Co2MnO4 nanoneedle arrays supported on nickel foam for high-efficiency hydrogen evolution reaction in wide pH range of electrolytes. Applied Surface Science, 2021, 548, 149280.	3.1	31
35	Facile solvothermal fabrication of polypyrrole sheets supported dendritic platinum-cobalt nanoclusters for highly efficient oxygen reduction and ethylene glycol oxidation. Journal of Colloid and Interface Science, 2018, 530, 394-402.	5.0	29
36	One-step pyrolysis synthesis of nitrogen, manganese-codoped porous carbon encapsulated cobalt-iron nanoparticles with superior catalytic activity for oxygen reduction reaction. Journal of Colloid and Interface Science, 2021, 592, 405-415.	5.0	29

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37	Synthesis and Electrocatalytic Properties of Palladium Network Nanostructures. ChemPlusChem, 2012, 77, 936-940.	1.3	27
38	Facile synthesis of prickly platinum-palladium core-shell nanocrystals and their boosted electrocatalytic activity towards polyhydric alcohols oxidation and hydrogen evolution. Journal of Colloid and Interface Science, 2018, 516, 476-483.	5.0	26
39	Ultrathin PdFePb nanowires: One-pot aqueous synthesis and efficient electrocatalysis for polyhydric alcohol oxidation reaction. Journal of Colloid and Interface Science, 2019, 555, 276-283.	5.0	26
40	Heterometallic nanomaterials: activity modulation, sensing, imaging and therapy. Chemical Science, 2022, 13, 5505-5530.	3.7	26
41	Surfactant-free palladium nanodendrite assemblies with enhanced electrocatalytic performance for formic acid oxidation. Electrochemistry Communications, 2013, 32, 43-46.	2.3	25
42	CoFe alloy embedded in N-doped carbon nanotubes derived from triamterene as a highly efficient and durable electrocatalyst beyond commercial Pt/C for oxygen reduction. Journal of Colloid and Interface Science, 2021, 604, 856-865.	5.0	25
43	Cobalt-based oxygen electrocatalysts for zinc-air batteries: Recent progress, challenges, and perspectives. Nano Research, 2022, 15, 5038-5063.	5.8	25
44	Thermoelectric properties of PEDOT films prepared by electrochemical polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 524-531.	2.4	24
45	Bimetallic Alloyed PtCu Nanocubic Frames with Threeâ€Dimensional Molecular Accessible Surfaces for Boosting Oxygen Reduction and Glycerol Oxidation Reactions. ChemCatChem, 2018, 10, 3319-3326.	1.8	24
46	Transitional metal alloyed nanoparticles entrapped into the highly porous N-doped 3D honeycombed carbon: A high-efficiency bifunctional oxygen electrocatalyst for boosting rechargeable Zn-air batteries. International Journal of Hydrogen Energy, 2021, 46, 19385-19396.	3.8	23
47	Layerâ€Byâ€Layer Selfâ€Assembly of Sulphydrylâ€Functionalized Multiwalled Carbon Nanotubes and Phosphateâ€Functionalized Gold Nanoparticles: Detection of Hydrazine. ChemPlusChem, 2012, 77, 914-922.	1.3	22
48	Cobalt nanoparticles/ nitrogen, sulfur-codoped ultrathin carbon nanotubes derived from metal organic frameworks as high-efficiency electrocatalyst for robust rechargeable zinc-air battery. Journal of Colloid and Interface Science, 2021, 603, 559-571.	5.0	22
49	A Facile and Robust Method for Synthesis of Hierarchically Multibranched PtIrCo Alloyed Nanowires: Growth Mechanism and Efficient Electrocatalysis for Hydrogen Evolution Reaction. ACS Applied Energy Materials, 2019, 2, 7886-7892.	2.5	21
50	Facile solvothermal fabrication of Pt47Ni53 nanopolyhedrons for greatly boosting electrocatalytic performances for oxygen reduction and hydrogen evolution. Journal of Colloid and Interface Science, 2018, 525, 260-268.	5.0	20
51	Effective construction of 3D Rh/Rh2P flake-like assembled heterostructures for efficient hydrogen evolution. Journal of Alloys and Compounds, 2021, 865, 158864.	2.8	20
52	Hollow Ag44Pt56 nanotube bundles with high electrocatalytic performances for hydrogen evolution and ethylene glycol oxidation reactions. Journal of Colloid and Interface Science, 2018, 532, 571-578.	5.0	19
53	PdCo/Pd-Hexacyanocobaltate Hybrid Nanoflowers: Cyanogel-Bridged One-Pot Synthesis and Their Enhanced Catalytic Performance. Scientific Reports, 2016, 6, 32402.	1.6	17
54	CoNi/MoC nanoparticles entrapped into N, P-codoped carbon nanotubes-on-nanosheets: A synergy of 1D@2D heterostructures with multiple active sites for rechargeable Zn-air battery. Journal of Power Sources, 2021, 506, 230225.	4.0	17

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55	Three-dimensional self-supporting superstructured double-sided nanoneedles arrays of iron carbide nanoclusters embedded in manganese, nitrogen co-doped carbon for highly efficient oxygen reduction reaction. Journal of Colloid and Interface Science, 2022, 614, 655-665.	5.0	17
56	One-Step Synthesis of PtCu Alloyed Nanocages with Highly Open Structures as Bifunctional Electrocatalysts for Oxygen Reduction and Polyhydric Alcohol Oxidation. ACS Applied Energy Materials, 0, , .	2.5	16
57	Well entrapped platinum-iron nanoparticles on three-dimensional nitrogen-doped ordered mesoporous carbon as highly efficient and durable catalyst for oxygen reduction and zinc-air battery. Journal of Colloid and Interface Science, 2022, 621, 275-284.	5.0	16
58	Thermoelectric performances of graphene/polyaniline composites prepared by one-step electrosynthesis. RSC Advances, 2015, 5, 86855-86860.	1.7	13
59	A simple wet-chemical strategy for facile fabrication of hierarchical PdAu nanodentrites as excellent electrocatalyst for oxygen reduction reaction. Journal of Colloid and Interface Science, 2019, 552, 51-58.	5.0	12
60	Cobalt phosphide nanoparticles encapsulated in manganese, nitrogen co-doped porous carbon nanosheets with rich nanoholes for high-efficiency oxygen reduction reaction. Journal of Colloid and Interface Science, 2022, 627, 630-639.	5.0	11
61	Water-regulated and bioinspired one-step pyrolysis of iron-cobalt nanoparticles-capped carbon nanotubes/porous honeycombed nitrogen-doped carbon composite for highly efficient oxygen reduction. Journal of Colloid and Interface Science, 2022, 618, 352-361.	5.0	10
62	Facile synthesis of porous dendritic Pt68Ag32 nanodandelions for greatly boosting electrocatalytic activity towards oxygen reduction and hydrogen evolution. International Journal of Hydrogen Energy, 2018, 43, 6096-6106.	3.8	9
63	Cyanogel and its derived-materials: properties, preparation methods, and electrochemical applications. Materials Today Energy, 2021, 20, 100701.	2.5	7
64	Sandwich-like superstructure of in-situ self-assembled hetero-structured carbon nanocomposite for improving electrocatalytic oxygen reduction. Journal of Colloid and Interface Science, 2022, 616, 34-43.	5.0	6
65	Development of Test-Bed Controller for Powertrain of HEV. Energies, 2020, 13, 3372.	1.6	3
66	Detecting Navel Orange Canker with Hyperspectral Imaging. , 2011, , .		1
67	Research on Control Method of Hybrid Electric Vehicle Considering Air Conditioning Power. , 2020, , .		1
68	The safe thickness of water-barrier rock wall during excavation of karst tunnel. , 2011, , .		0
69	The Design and Experimental Study of Surface Wetting System Based on Metal-Plastic Molding. , 2017, , .		Ο