

Jiu-Ju Feng

List of Publications by Year in descending order

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262
papers

13,295
citations

16451

64
h-index

40979

93
g-index

265
all docs

265
docs citations

265
times ranked

11603
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron, rhodium-codoped Ni ₂ P nanosheets arrays supported on nickel foam as an efficient bifunctional electrocatalyst for overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 888-896.	9.4	122
2	A facile one-pot room-temperature growth of self-supported ultrathin rhodium-iridium nanosheets as high-efficiency electrocatalysts for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1707-1714.	9.4	95
3	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. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 451-462.	9.4	127
4	In situ produced Co ₉ S ₈ 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. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2100-2110.	9.4	108
5	Coordination regulated pyrolysis synthesis of ultrafine FeNi/(FeNi) ₉ S ₈ nanoclusters/nitrogen, sulfur-codoped graphitic carbon nanosheets as efficient bifunctional oxygen electrocatalysts. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 573-582.	9.4	87
6	Aminouracil-assisted synthesis of CoFe decorated bougainvillea-like N-doped carbon nanoflowers for boosting Zn-air battery and water electrolysis. <i>Journal of Power Sources</i> , 2022, 521, 230926.	7.8	59
7	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. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 205-214.	9.4	57
8	Novel sandwich-typed electrochemical immunosensing of C-reactive protein using multiply twinned AuPtRh nanobead chains and nitrogen-rich porous carbon nanospheres decorated with Au nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2022, 358, 131518.	7.8	25
9	Ultrasensitive photoelectrochemical aptasensor for detecting telomerase activity based on Ag ₂ S/Ag decorated ZnIn ₂ S ₄ /C ₃ N ₄ 3D/2D Z-scheme heterostructures and amplified by Au/Cu ²⁺ -boron-nitride nanozyme. <i>Biosensors and Bioelectronics</i> , 2022, 203, 114048.	10.1	57
10	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. <i>Journal of Colloid and Interface Science</i> , 2022, 614, 655-665.	9.4	17
11	Sandwich-like superstructure of in-situ self-assembled hetero-structured carbon nanocomposite for improving electrocatalytic oxygen reduction. <i>Journal of Colloid and Interface Science</i> , 2022, 616, 34-43.	9.4	6
12	Electronic Regulation of ZnCo Dual-Atomic Active Sites Entrapped in 1D@2D Hierarchical N-Doped Carbon for Efficient Synergistic Catalysis of Oxygen Reduction in Zn-Air Battery. <i>Small</i> , 2022, 18, e2107141.	10.0	36
13	Label-free electrochemical biosensor for determination of procalcitonin based on graphene-wrapped Co nanoparticles encapsulated in carbon nanobrushes coupled with AuPtCu nanodendrites. <i>Mikrochimica Acta</i> , 2022, 189, 110.	5.0	22
14	Novel Aggregation-Enhanced PEC Photosensitizer Based on Electrostatic Linkage of Ionic Liquid with Protoporphyrin IX for Ultrasensitive Detection of Molt-4 Cells. <i>Analytical Chemistry</i> , 2022, 94, 3708-3717.	6.5	23
15	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. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 352-361.	9.4	10
16	Heterometallic nanomaterials: activity modulation, sensing, imaging and therapy. <i>Chemical Science</i> , 2022, 13, 5505-5530.	7.4	26
17	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. <i>Journal of Colloid and Interface Science</i> , 2022, 621, 275-284.	9.4	16
18	A sandwich-type electrochemical immunosensor for CYFRA 21-1 based on probe-confined in PtPd/polydopamine/hollow carbon spheres coupled with dendritic Au@Rh nanocrystals. <i>Mikrochimica Acta</i> , 2022, 189, .	5.0	8

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19	Cobalt phosphide nanoparticles encapsulated in manganese, nitrogen co-doped porous carbon nanosheets with rich nanoholes for high-efficiency oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 627, 630-639.	9.4	11
20	Heterostructured BiVO ₄ /CoPi nanoarrays as high-efficiency photoanode and AuPt nanodendrites as nanozyme for sensitive sensing of miRNA 141. <i>Biosensors and Bioelectronics</i> , 2022, 215, 114552.	10.1	16
21	Theophylline-regulated pyrolysis synthesis of nitrogen-doped carbon nanotubes with iron-cobalt nanoparticles for greatly boosting oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 653-661.	9.4	96
22	Amorphous 3D pomegranate-like NiCoFe nanoassemblies derived by bi-component cyanogel reduction for outstanding oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , 2021, 53, 260-267.	12.9	52
23	Facile synthesis of nanoflower-like phosphorus-doped Ni ₃ S ₂ /CoFe ₂ O ₄ arrays on nickel foam as a superior electrocatalyst for efficient oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 774-782.	9.4	99
24	Hydrogel derived FeCo/FeCoP embedded in N, P-codoped 3D porous carbon framework as a highly efficient electrocatalyst for oxygen reduction reaction. <i>Applied Surface Science</i> , 2021, 536, 147950.	6.1	70
25	Simple fabrication of bimetallic platinum-rhodium alloyed nano-multipods: A highly effective and recyclable catalyst for reduction of 4-nitrophenol and rhodamine B. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 701-710.	9.4	87
26	Ultrasensitive ratiometric electrochemical immunoassay of N-terminal pro-B-type natriuretic peptide based on three-dimensional PtCoNi hollow multi-branches/ferrocene-grafted-ionic liquid and Co N C nanosheets. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128794.	7.8	35
27	A one-step electrochemically reduced graphene oxide based sensor for sensitive voltammetric determination of furfural in milk products. <i>Analytical Methods</i> , 2021, 13, 56-63.	2.7	14
28	Walnut kernel-like iron-cobalt-nickel sulfide nanosheets directly grown on nickel foam: A binder-free electrocatalyst for high-efficiency oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 141-149.	9.4	30
29	The electrochemiluminescence coreactant accelerator of metal-organic frameworks grafted with N-(aminobutyl)-N-(ethylisoluminol) for the ultrasensitive detection of chloramphenicol. <i>Analyst</i> , 2021, 146, 5995-6004.	3.5	6
30	New advances in accurate monitoring of breast cancer biomarkers by electrochemistry, electrochemiluminescence, and photoelectrochemistry. <i>Journal of Electroanalytical Chemistry</i> , 2021, 882, 115010.	3.8	13
31	A facile ratiometric electrochemical strategy for ultrasensitive monitoring HER2 using polydopamine-grafted-ferrocene/reduced graphene oxide, Au@Ag nanoshuttles and hollow Ni@PtNi yolk-shell nanocages. <i>Sensors and Actuators B: Chemical</i> , 2021, 331, 129460.	7.8	56
32	Eco-friendly one-pot aqueous synthesis of ultra-thin AuPdCu alloyed nanowire-like networks for highly sensitive immunoassay of creatine kinase-MB. <i>Sensors and Actuators B: Chemical</i> , 2021, 333, 129573.	7.8	19
33	Iron, manganese co-doped Ni ₃ S ₂ nanoflowers in situ assembled by ultrathin nanosheets as a robust electrocatalyst for oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 248-256.	9.4	94
34	Straw-like phosphorus-doped Co ₂ MnO ₄ nanoneedle arrays supported on nickel foam for high-efficiency hydrogen evolution reaction in wide pH range of electrolytes. <i>Applied Surface Science</i> , 2021, 548, 149280.	6.1	31
35	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. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 19385-19396.	7.1	23
36	Mn, N, P-tridoped bamboo-like carbon nanotubes decorated with ultrafine Co ₂ P/FeCo nanoparticles as bifunctional oxygen electrocatalyst for long-term rechargeable Zn-air battery. <i>Journal of Colloid and Interface Science</i> , 2021, 590, 330-340.	9.4	112

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37	Cyanogel and its derived-materials: properties, preparation methods, and electrochemical applications. <i>Materials Today Energy</i> , 2021, 20, 100701.	4.7	7
38	One-step pyrolysis synthesis of nitrogen, manganese-codoped porous carbon encapsulated cobalt-iron nanoparticles with superior catalytic activity for oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2021, 592, 405-415.	9.4	29
39	Effective construction of 3D Rh/Rh2P flake-like assembled heterostructures for efficient hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2021, 865, 158864.	5.5	20
40	A signal-on photoelectrochemical aptasensor for chloramphenicol assay based on 3D self-supporting AgI/Ag/BiOI Z-scheme heterojunction arrays. <i>Biosensors and Bioelectronics</i> , 2021, 181, 113158.	10.1	118
41	Facile construction of ratiometric electrochemical immunosensor using hierarchical PtCoIr nanowires and porous SiO2@Ag nanoparticles for accurate detection of septicemia biomarker. <i>Bioelectrochemistry</i> , 2021, 140, 107802.	4.6	27
42	A label-free electrochemical immunosensor based on encapsulated signal molecules in mesoporous silica-coated gold nanorods for ultrasensitive assay of procalcitonin. <i>Bioelectrochemistry</i> , 2021, 140, 107753.	4.6	20
43	A label-free electrochemical immunosensor based on signal magnification of oxygen reduction reaction catalyzed by uniform PtCo nanodendrites for highly sensitive detection of carbohydrate antigen 15-3. <i>Analytica Chimica Acta</i> , 2021, 1176, 338750.	5.4	25
44	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. <i>Journal of Power Sources</i> , 2021, 506, 230225.	7.8	17
45	Label-free electrochemical immunosensor for ultrasensitive determination of cardiac troponin I based on porous fluffy-like AuPtPd trimetallic alloyed nanodendrites. <i>Microchemical Journal</i> , 2021, 169, 106568.	4.5	20
46	High-performance electrochemiluminescence emitter of metal organic framework linked with porphyrin and its application for ultrasensitive detection of biomarker mucin-1. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130300.	7.8	24
47	The enhanced photoelectrochemical platform constructed by N-doped ZnO nanopolyhedrons and porphyrin for ultrasensitive detection of brain natriuretic peptide. <i>Analytica Chimica Acta</i> , 2021, 1183, 338870.	5.4	14
48	Highly active Fe centered FeM-N-doped carbon (M=Co/Ni/Mn): A general strategy for efficient oxygen conversion in Zn-air battery. <i>Chemical Engineering Journal</i> , 2021, 424, 130559.	12.7	55
49	Nanosheets-assembled hollow CdIn2S4 microspheres-based photoelectrochemical and fluorescent dual-mode aptasensor for highly sensitive assay of 17 β -estradiol based on magnetic separation and enzyme catalytic amplification. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130553.	7.8	29
50	AuPt nanocrystals/polydopamine supported on open-pored hollow carbon nanospheres for a dual-signaling electrochemical ratiometric immunosensor towards h-FABP detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130501.	7.8	42
51	Cobalt nanoparticles/ nitrogen, sulfur-codoped ultrathin carbon nanotubes derived from metal organic frameworks as high-efficiency electrocatalyst for robust rechargeable zinc-air battery. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 559-571.	9.4	22
52	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. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 856-865.	9.4	25
53	Hydrogen Bond Organic Frameworks as a Novel Electrochemiluminescence Luminophore: Simple Synthesis and Ultrasensitive Biosensing. <i>Analytical Chemistry</i> , 2021, 93, 17110-17118.	6.5	29
54	Trimetallic PtRhCo petal-assembled alloyed nanoflowers as efficient and stable bifunctional electrocatalyst for ethylene glycol oxidation and hydrogen evolution reactions. <i>Journal of Colloid and Interface Science</i> , 2020, 559, 206-214.	9.4	101

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55	Flower-like platinum-cobalt-ruthenium alloy nanoassemblies as robust and highly efficient electrocatalyst for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 372-378.	9.4	77
56	Porous dendritic PtRuPd nanospheres with enhanced catalytic activity and durability for ethylene glycol oxidation and oxygen reduction reactions. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 467-474.	9.4	101
57	Construction of efficient "on-off-on" fluorescence aptasensor for ultrasensitive detection of prostate specific antigen via covalent energy transfer between g-C ₃ N ₄ quantum dots and palladium triangular plates. <i>Analytica Chimica Acta</i> , 2020, 1104, 53-59.	5.4	27
58	The mimetic assembly of cobalt prot-porphyrin with cyclodextrin dimer and its application for H ₂ O ₂ detection. <i>Analytica Chimica Acta</i> , 2020, 1097, 78-84.	5.4	23
59	One-step aqueous synthesis of hierarchically multi-branched PdRuCu nanoassemblies with highly boosted catalytic activity for ethanol and ethylene glycol oxidation reactions. <i>Applied Surface Science</i> , 2020, 506, 144791.	6.1	72
60	Facile synthesis of porous iridium-palladium-plumbum wire-like nanonetworks with boosted catalytic performance for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 99-107.	9.4	12
61	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. <i>Journal of Power Sources</i> , 2020, 475, 228594.	7.8	41
62	Prussian blue analogue-derived CoFe nanocrystals wrapped in nitrogen-doped carbon nanocubes for overall water splitting and Zn-air battery. <i>Journal of Power Sources</i> , 2020, 480, 229107.	7.8	42
63	Flower-like metal-organic framework microsphere as a novel enhanced ECL luminophore to construct the coreactant-free biosensor for ultrasensitive detection of breast cancer 1 gene. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128395.	7.8	29
64	Engineering 3D hierarchical thorn-like PtPdNiCu alloyed nanotripods with enhanced performances for methanol and ethanol electrooxidation. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 425-432.	9.4	45
65	Facile synthesis of platinum-rhodium alloy nanodendrites as an advanced electrocatalyst for ethylene glycol oxidation and hydrogen evolution reactions. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 250-257.	9.4	34
66	Ultrasensitive dual-signal ratiometric electrochemical aptasensor for neuron-specific enolase based on Au nanoparticles@Pd nanoclusters-poly(bismarck brown Y) and dendritic AuPt nanoassemblies. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127931.	7.8	43
67	Facile construction of 3D hyperbranched PtRh nanoassemblies: A bifunctional electrocatalyst for hydrogen evolution and polyhydric alcohol oxidation reactions. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 8433-8443.	7.1	29
68	Bioinspired One-Step Pyrolysis Fabrication of 3D Porous Co, N, P-doped Carbon Nanosheets with Enriched CoN Active Sites as High-Performance Bifunctional Oxygen Electrocatalyst for Rechargeable Zn-Air Battery. <i>ACS Applied Energy Materials</i> , 2020, 3, 2781-2790.	5.1	46
69	Well-dispersed Co ₃ Fe ₇ alloy nanoparticles wrapped in N-doped defect-rich carbon nanosheets as a highly efficient and methanol-resistant catalyst for oxygen-reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 569, 277-285.	9.4	54
70	Simple fabrication of trimetallic platinum-nickel-cobalt hollow alloyed 3D multipods for highly boosted hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 570, 205-211.	9.4	78
71	A robust and efficient aqueous electrochemiluminescence emitter constructed by sulfonate porphyrin-based metal-organic frameworks and its application in ascorbic acid detection. <i>Analyst</i> , 2020, 145, 2758-2766.	3.5	10
72	Platinum-rhodium alloyed dendritic nanoassemblies: An all-pH efficient and stable electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 6110-6119.	7.1	87

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73	Highly Enhanced Electrochemiluminescence Luminophore Generated by Zeolitic Imidazole Framework-8-Linked Porphyrin and Its Application for Thrombin Detection. <i>Analytical Chemistry</i> , 2020, 92, 3206-3212.	6.5	51
74	Three-dimensional hierarchical urchin-like PdCuPt nanoassemblies with zigzag branches: A highly efficient and durable electrocatalyst for formic acid oxidation reaction. <i>Applied Surface Science</i> , 2020, 510, 145480.	6.1	21
75	Confining signal probe in porous PdPtCoNi@Pt-skin nanopolyhedra to construct a sandwich-type electrochemical immunosensor for ultrasensitive detection of creatine kinase-MB. <i>Sensors and Actuators B: Chemical</i> , 2020, 315, 128088.	7.8	34
76	Nitrogen and sulfur co-doped carbon nanodots toward bovine hemoglobin: A fluorescence quenching mechanism investigation. <i>Journal of Molecular Recognition</i> , 2019, 32, e2761.	2.1	16
77	Dendritic core-shell rhodium@platinum-cobalt nanocrystals for ultrasensitive electrochemical immunoassay of squamous cell carcinoma antigen. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 647-654.	9.4	17
78	Ultrathin PdFePb nanowires: One-pot aqueous synthesis and efficient electrocatalysis for polyhydric alcohol oxidation reaction. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 276-283.	9.4	26
79	3D highly branched PtCoRh nanoassemblies: Glycine-assisted solvothermal synthesis and superior catalytic activity for alcohol oxidation. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 512-519.	9.4	46
80	Gold nanoparticles/electrochemically expanded graphite composite: A bifunctional platform toward glucose sensing and SERS applications. <i>Journal of Electroanalytical Chemistry</i> , 2019, 851, 113471.	3.8	19
81	Simple one-pot aqueous synthesis of 3D superstructured PtCoCuPd alloyed tripods with hierarchical branches for ultrasensitive immunoassay of cardiac troponin I. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111638.	10.1	47
82	Facile one-pot aqueous fabrication of interconnected ultrathin PtPbPd nanowires as advanced electrocatalysts for ethanol oxidation and oxygen reduction reactions. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 27455-27464.	7.1	32
83	A Facile and Robust Method for Synthesis of Hierarchically Multibranch PtIrCo Alloyed Nanowires: Growth Mechanism and Efficient Electrocatalysis for Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 7886-7892.	5.1	21
84	Bioinspired one-pot fabrication of triple-layered Rh@Co@Pt-skin core-shell nanodendrites: A highly active and durable electrocatalyst towards oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019, 321, 134660.	5.2	20
85	Ultrafine Fe ₃ C nanoparticles embedded in N-doped graphitic carbon sheets for simultaneous determination of ascorbic acid, dopamine, uric acid and xanthine. <i>Mikrochimica Acta</i> , 2019, 186, 660.	5.0	41
86	Graphene wrapped Fe ₃ C nanoparticles supported on N-doped graphene nanosheets for efficient and highly methanol-tolerant oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 352-359.	9.4	48
87	One-pot solvothermal synthesis of reduced graphene oxide-supported uniform PtCo nanocrystals for efficient and robust electrocatalysis. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 17-24.	9.4	43
88	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. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 1-8.	9.4	115
89	Ultrafine NiCoP-decorated N,S,P-codoped hierarchical porous carbon nanosheets as an efficient bifunctional electrocatalyst for oxygen reduction and oxygen evolution. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1849-1858.	5.9	82
90	Graphene-encapsulated cobalt nanoparticles embedded in porous nitrogen-doped graphitic carbon nanosheets as efficient electrocatalysts for oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 744-751.	9.4	186

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91	Facile Synthesis of 3D NiCoP@NiCoPO ₄ Core-Shell Nanostructures with Boosted Catalytic Activity toward Oxygen Evolution Reaction. ACS Applied Energy Materials, 2019, 2, 4188-4194.	5.1	47
92	A simple wet-chemical strategy for facile fabrication of hierarchical PdAu nanodendrites as excellent electrocatalyst for oxygen reduction reaction. Journal of Colloid and Interface Science, 2019, 552, 51-58.	9.4	12
93	A label-free electrochemical immunosensor based on rhombic dodecahedral Cu ₃ Pt nanoframes with advanced oxygen reduction performance for highly sensitive alpha-fetoprotein detection. Sensors and Actuators B: Chemical, 2019, 288, 721-727.	7.8	30
94	Ultrasensitive label-free electrochemical immunoassay of carbohydrate antigen 15-3 using dendritic Au@Pt nanocrystals/ferrocene-grafted-chitosan for efficient signal amplification. Sensors and Actuators B: Chemical, 2019, 292, 164-170.	7.8	51
95	Construction of ultrasensitive label-free aptasensor for thrombin detection using palladium nanocones boosted electrochemiluminescence system. Electrochimica Acta, 2019, 310, 195-202.	5.2	29
96	Three dimensional sea-urchin-like PdAuCu nanocrystals/ferrocene-grafted-polylysine as an efficient probe to amplify the electrochemical signals for ultrasensitive immunoassay of carcinoembryonic antigen. Biosensors and Bioelectronics, 2019, 132, 294-301.	10.1	77
97	A fast and ultrasensitive detection of zinc ions based on a signal-on mode of electrochemiluminescence from single oxygen generated by porphyrin grafted onto palladium nanocubes. Sensors and Actuators B: Chemical, 2019, 290, 203-209.	7.8	18
98	Bimetallic PtCo alloyed nanodendritic assemblies as an advanced efficient and robust electrocatalyst for highly efficient hydrogen evolution and oxygen reduction. Journal of Alloys and Compounds, 2019, 786, 232-239.	5.5	40
99	One-pot solvothermal synthesis of three-dimensional hollow PtCu alloyed dodecahedron nanoframes with excellent electrocatalytic performances for hydrogen evolution and oxygen reduction. Journal of Colloid and Interface Science, 2019, 539, 525-532.	9.4	141
100	-proline assisted solvothermal preparation of Cu-rich rhombic dodecahedral PtCu nanoframes as advanced electrocatalysts for oxygen reduction and hydrogen evolution reactions. Electrochimica Acta, 2019, 299, 89-97.	5.2	62
101	Uric acid supported one-pot solvothermal fabrication of rhombic-like Pt ₃₅ Cu ₆₅ hollow nanocages for highly efficient and stable electrocatalysis. Journal of Colloid and Interface Science, 2019, 540, 486-494.	9.4	19
102	Facile solvothermal synthesis of Pt ₇₁ Co ₂₉ lamellar nanoflowers as an efficient catalyst for oxygen reduction and methanol oxidation reactions. Journal of Colloid and Interface Science, 2019, 536, 556-562.	9.4	114
103	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.	10.1	144
104	Green synthesis of Pd nanocones as a novel and effective electrochemiluminescence illuminant for highly sensitive detection of dopamine. Sensors and Actuators B: Chemical, 2019, 281, 588-594.	7.8	28
105	One-step hydrothermal synthesis of three-dimensional nitrogen-doped reduced graphene oxide hydrogels anchored PtPd alloyed nanoparticles for ethylene glycol oxidation and hydrogen evolution reactions. Electrochimica Acta, 2019, 293, 504-513.	5.2	146
106	One-pot synthesis of highly branched Pt@Ag core-shell nanoparticles as a recyclable catalyst with dramatically boosting the catalytic performance for 4-nitrophenol reduction. Journal of Colloid and Interface Science, 2019, 538, 349-356.	9.4	121
107	Shape-controlled synthesis of well-dispersed platinum nanocubes supported on graphitic carbon nitride as advanced visible-light-driven catalyst for efficient photoreduction of hexavalent chromium. Journal of Colloid and Interface Science, 2019, 535, 41-49.	9.4	40
108	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.	9.4	36

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109	Facile solvothermal fabrication of Pt ₄₇ Ni ₅₃ nanopolyhedrons for greatly boosting electrocatalytic performances for oxygen reduction and hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2018, 525, 260-268.	9.4	20
110	Platinum ₆₉ -cobalt ₃₁ alloyed nanosheet nanoassemblies as advanced bifunctional electrocatalysts for boosting ethylene glycol oxidation and oxygen reduction. <i>Journal of Colloid and Interface Science</i> , 2018, 525, 216-224.	9.4	36
111	Dicationic ionic liquid mediated fabrication of Au@Pt nanoparticles supported on reduced graphene oxide with highly catalytic activity for oxygen reduction and hydrogen evolution. <i>Applied Surface Science</i> , 2018, 441, 438-447.	6.1	31
112	Controlled fabrication of well-dispersed AgPd nanoclusters supported on reduced graphene oxide with highly enhanced catalytic properties towards 4-nitrophenol reduction. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 355-363.	9.4	128
113	Facile synthesis of prickly platinum-palladium core-shell nanocrystals and their boosted electrocatalytic activity towards polyhydric alcohols oxidation and hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 476-483.	9.4	26
114	Bimetallic PtPd alloyed core-shell nanodendrites supported on reduced graphene oxide: One-pot green synthesis and efficient electrocatalytic performances for glycerol oxidation and hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2018, 735, 2123-2132.	5.5	31
115	Bimetallic Alloyed PtCu Nanocubic Frames with Three-dimensional Molecular Accessible Surfaces for Boosting Oxygen Reduction and Glycerol Oxidation Reactions. <i>ChemCatChem</i> , 2018, 10, 3319-3326.	3.7	24
116	Facile one-step synthesis of three-dimensional freestanding hierarchical porous carbon for high energy density supercapacitors in organic electrolyte. <i>Journal of Electroanalytical Chemistry</i> , 2018, 818, 51-57.	3.8	23
117	Simple solvothermal synthesis of uniform Pt ₆₆ Ni ₃₄ nanoflowers as advanced electrocatalyst to significantly boost the catalytic activity and durability of hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2018, 271, 397-405.	5.2	34
118	Highly sensitive label-free amperometric immunoassay of prostate specific antigen using hollow dendritic AuPtAg alloyed nanocrystals. <i>Biosensors and Bioelectronics</i> , 2018, 111, 47-51.	10.1	53
119	Electrochemical signal-amplified detection of 5-methylcytosine and 5-hydroxymethylcytosine in DNA using glucose modification coupled with restriction endonucleases. <i>Analyst</i> , 2018, 143, 2051-2056.	3.5	13
120	One-pot fabrication of reduced graphene oxide supported dendritic core-shell gold@gold-palladium nanoflowers for glycerol oxidation. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 73-81.	9.4	41
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128	A label-free electrochemical immunosensor based on AgPt nanorings supported on reduced graphene oxide for ultrasensitive analysis of tumor marker. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 1174-1181.	7.8	47
129	One-pot wet-chemical synthesis of uniform AuPtPd nanodendrites as efficient electrocatalyst for boosting hydrogen evolution and oxygen reduction reactions. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 22187-22194.	7.1	35
130	Melamine-assisted solvothermal synthesis of PtNi nanodendrites as highly efficient and durable electrocatalyst for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 578-584.	9.4	64
131	Facile solvothermal fabrication of polypyrrole sheets supported dendritic platinum-cobalt nanoclusters for highly efficient oxygen reduction and ethylene glycol oxidation. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 394-402.	9.4	29
132	Hollow Ag ₄₄ Pt ₅₆ nanotube bundles with high electrocatalytic performances for hydrogen evolution and ethylene glycol oxidation reactions. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 571-578.	9.4	19
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166	Single-step aqueous synthesis of AuPt alloy nanodendrites with superior electrocatalytic activity for oxygen reduction and hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 18193-18202.	7.1	45
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185	Simple polyol synthesis of porous coral-like palladium-silver alloy nanostructures with enhanced electrocatalytic activity for glycerol oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15920-15926.	10.3	26
186	l-Arginine-assisted electrochemical fabrication of hierarchical gold dendrites with improved electrocatalytic activity. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 3185-3193.	2.5	5
187	Surfactant-free synthesis of reduced graphene oxide supported porous PtAu alloyed nanoflowers with improved catalytic activity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5321-5327.	10.3	65
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226	Gelatin-assisted hydrothermal synthesis of single crystalline zinc oxide nanostars and their photocatalytic properties. <i>Journal of Colloid and Interface Science</i> , 2013, 402, 68-74.	9.4	35
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242	Electrodeposition of monodispersed platinum nanoparticles on a glassy carbon electrode for sensing methanol. <i>Mikrochimica Acta</i> , 2011, 173, 383-389.	5.0	17
243	Hydrogen peroxide sensor based on glassy carbon electrode modified with γ -manganese dioxide nanorods. <i>Mikrochimica Acta</i> , 2011, 175, 31-37.	5.0	62
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254	Covalent modified hydrophilic polymer brushes onto poly(dimethylsiloxane) microchannel surface for electrophoresis separation of amino acids. <i>Journal of Chromatography A</i> , 2008, 1192, 173-179.	3.7	46
255	Silver Nanocoral Structures on Electrodes: A Suitable Platform for Protein-Based Bioelectronic Devices. <i>Langmuir</i> , 2008, 24, 1583-1586.	3.5	22
256	Direct electron transfer and electrocatalysis of hemoglobin adsorbed on mesoporous carbon through layer-by-layer assembly. <i>Biosensors and Bioelectronics</i> , 2007, 22, 1618-1624.	10.1	115
257	Direct electron transfer and electrocatalysis of hemoglobin adsorbed onto electrodeposited mesoporous tungsten oxide. <i>Electrochemistry Communications</i> , 2006, 8, 77-82.	4.7	129
258	Synergistic effect of zirconium phosphate and Au nanoparticles on direct electron transfer of hemoglobin on glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2005, 585, 44-50.	3.8	62
259	Direct electrochemistry and electrocatalysis of heme proteins immobilized on gold nanoparticles stabilized by chitosan. <i>Analytical Biochemistry</i> , 2005, 342, 280-286.	2.4	259
260	Direct electrochemistry and electrocatalysis of heme proteins immobilized on self-assembled ZrO ₂ film. <i>Electrochemistry Communications</i> , 2005, 7, 724-729.	4.7	127
261	Synthesis and Characterization of Prussian Blue Modified Magnetite Nanoparticles and Its Application to the Electrocatalytic Reduction of H ₂ O ₂ . <i>Chemistry of Materials</i> , 2005, 17, 3154-3159.	6.7	192
262	One-Step Synthesis of PtCu Alloyed Nanocages with Highly Open Structures as Bifunctional Electrocatalysts for Oxygen Reduction and Polyhydric Alcohol Oxidation. <i>ACS Applied Energy Materials</i> , 0, , .	5.1	16