Jiu-Ju Feng

List of Publications by Year in descending order

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	One-pot green synthesis of nitrogen-doped carbon nanoparticles as fluorescent probes for mercury ions. RSC Advances, 2013, 3, 21691.	3.6	295
2	Facile synthesis of oxygen and sulfur co-doped graphitic carbon nitride fluorescent quantum dots and their application for mercury(<scp>ii</scp>) detection and bioimaging. Journal of Materials Chemistry C, 2015, 3, 73-78.	5.5	284
3	Direct electrochemistry and electrocatalysis of heme proteins immobilized on gold nanoparticles stabilized by chitosan. Analytical Biochemistry, 2005, 342, 280-286.	2.4	259
4	One-pot synthesis of porous Ptâ€“Au nanodendrites supported on reduced graphene oxide nanosheets toward catalytic reduction of 4-nitrophenol. Journal of Materials Chemistry A, 2015, 3, 290-296.	10.3	212
5	Synthesis and Characterization of Prussian Blue Modified Magnetite Nanoparticles and Its Application to the Electrocatalytic Reduction of H2O2. Chemistry of Materials, 2005, 17, 3154-3159.	6.7	192
6	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.	9.4	186
7	Single Molecular Functionalized Gold Nanoparticles for Hydrogen-Bonding Recognition and Colorimetric Detection of Dopamine with High Sensitivity and Selectivity. ACS Applied Materials & Interfaces, 2013, 5, 1226-1231.	8.0	163
8	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
9	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
10	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
11	Facile synthesis of porous Ptâ€“Pd nanospheres supported on reduced graphene oxide nanosheets for enhanced methanol electrooxidation. Journal of Power Sources, 2014, 247, 213-218.	7.8	136
12	Direct electron transfer and electrocatalysis of hemoglobin adsorbed onto electrodeposited mesoporous tungsten oxide. Electrochemistry Communications, 2006, 8, 77-82.	4.7	129
13	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.	9.4	128
14	Direct electrochemistry and electrocatalysis of heme proteins immobilized on self-assembled ZrO2 film. Electrochemistry Communications, 2005, 7, 724-729.	4.7	127
15	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.	9.4	127
16	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.	9.4	122
17	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
18	A signal-on photoelectrochemical aptasensor for chloramphenicol assay based on 3D self-supporting AgI/Ag/BiOI Z-scheme heterojunction arrays. Biosensors and Bioelectronics, 2021, 181, 113158.	10.1	118

#	Article	IF	Citations
19	Direct electron transfer and electrocatalysis of hemoglobin adsorbed on mesoporous carbon through layer-by-layer assembly. Biosensors and Bioelectronics, 2007, 22, 1618-1624.	10.1	115
20	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.	9.4	115
21	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.	9.4	114
22	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.	9.4	112
23	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.	9.4	108
24	Solvothermal synthesis of Cu/Cu₂O hollow microspheres for non-enzymatic amperometric glucose sensing. CrystEngComm, 2012, 14, 1289-1295.	2.6	106
25	Facile and green synthesis of photoluminescent carbon nanoparticles for cellular imaging. New Journal of Chemistry, 2014, 38, 784.	2.8	106
26	Low-Potential Synthesis of â€œCleanâ€•Au Nanodendrites and Their High Performance toward Ethanol Oxidation. ACS Applied Materials & Interfaces, 2012, 4, 2570-2576.	8.0	101
27	One-pot synthesis of reduced graphene oxide supported hollow Ag@Pt coreâ€“shell nanospheres with enhanced electrocatalytic activity for ethylene glycol oxidation. Journal of Materials Chemistry A, 2014, 2, 3445.	10.3	101
28	Trimetallic PtRhCo petal-assembled alloyed nanoflowers as efficient and stable bifunctional electrocatalyst for ethylene glycol oxidation and hydrogen evolution reactions. Journal of Colloid and Interface Science, 2020, 559, 206-214.	9.4	101
29	Porous dendritic PtRuPd nanospheres with enhanced catalytic activity and durability for ethylene glycol oxidation and oxygen reduction reactions. Journal of Colloid and Interface Science, 2020, 560, 467-474.	9.4	101
30	Facile synthesis of N, S-codoped fluorescent carbon nanodots for fluorescent resonance energy transfer recognition of methotrexate with high sensitivity and selectivity. Biosensors and Bioelectronics, 2015, 64, 517-522.	10.1	100
31	Simple synthesis of worm-like Auâ€“Pd nanostructures supported on reduced graphene oxide for highly sensitive detection of nitrite. Sensors and Actuators B: Chemical, 2015, 208, 468-474.	7.8	99
32	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.	9.4	99
33	One-step synthesis of monodisperse polydopamine-coated silver coreâ€“shell nanostructures for enhanced photocatalysis. New Journal of Chemistry, 2012, 36, 148-154.	2.8	98
34	Microwave-assisted synthesis of N,P-doped carbon dots for fluorescent cell imaging. Mikrochimica Acta, 2016, 183, 821-826.	5.0	97
35	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.	9.4	96
36	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.	9.4	95

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37	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.	9.4	94
38	Facile synthesis of Ptâ€“Pd nanodendrites and their superior electrocatalytic activity. Journal of Materials Chemistry A, 2014, 2, 4384-4390.	10.3	93
39	One-pot synthesis of platinum3cobalt nanoflowers with enhanced oxygen reduction and methanol oxidation. Journal of Power Sources, 2014, 268, 744-751.	7.8	92
40	Rapid room-temperature synthesis of Pd nanodendrites on reduced graphene oxide for catalytic oxidation of ethylene glycol and glycerol. International Journal of Hydrogen Energy, 2014, 39, 3730-3738.	7.1	90
41	Monodisperse Au-Pd bimetallic alloyed nanoparticles supported on reduced graphene oxide with enhanced electrocatalytic activity towards oxygen reduction reaction. Electrochimica Acta, 2014, 136, 521-528.	5.2	90
42	Facile synthesis of hierarchical dendritic PtPd nanogarlands supported on reduced graphene oxide with enhanced electrocatalytic properties. Nanoscale, 2014, 6, 5708-5713.	5.6	87
43	Facile synthesis of porous bimetallic alloyed PdAg nanoflowers supported on reduced graphene oxide for simultaneous detection of ascorbic acid, dopamine, and uric acid. Analyst, The, 2015, 140, 3183-3192.	3.5	87
44	Platinum-rhodium alloyed dendritic nanoassemblies: An all-pH efficient and stable electrocatalyst for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2020, 45, 6110-6119.	7.1	87
45	Simple fabrication of bimetallic platinum-rhodium alloyed nano-multipods: A highly effective and recyclable catalyst for reduction of 4-nitrophenol and rhodamine B. Journal of Colloid and Interface Science, 2021, 582, 701-710.	9.4	87
46	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.	9.4	87
47	Novel phenol biosensor based on laccase immobilized on reduced graphene oxide supported palladiumâ€“copper alloyed nanocages. Biosensors and Bioelectronics, 2015, 74, 347-352.	10.1	86
48	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.	5.9	82
49	Green-assembly of three-dimensional porous graphene hydrogels for efficient removal of organic dyes. Journal of Colloid and Interface Science, 2016, 484, 254-262.	9.4	80
50	Simple fabrication of trimetallic platinum-nickel-cobalt hollow alloyed 3D multipods for highly boosted hydrogen evolution reaction. Journal of Colloid and Interface Science, 2020, 570, 205-211.	9.4	78
51	Fluorescent graphene-like carbon nitrides: synthesis, properties and applications. Journal of Materials Chemistry C, 2016, 4, 8146-8160.	5.5	77
52	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
53	Flower-like platinum-cobalt-ruthenium alloy nanoassemblies as robust and highly efficient electrocatalyst for hydrogen evolution reaction. Journal of Colloid and Interface Science, 2020, 561, 372-378.	9.4	77
54	Novel Auâ^'Ag Hybrid Device for Electrochemical SE(R)R Spectroscopy in a Wide Potential and Spectral Range. Nano Letters, 2009, 9, 298-303.	9.1	76

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55	Electrochemical sensor for nitrite using a glassy carbon electrode modified with gold-copper nanochain networks. Mikrochimica Acta, 2016, 183, 791-797.	5.0	75
56	Popcorn-like PtAu nanoparticles supported on reduced graphene oxide: Facile synthesis and catalytic applications. Journal of Materials Chemistry A, 2014, 2, 8386-8395.	10.3	74
57	One-step aqueous synthesis of hierarchically multi-branched PdRuCu nanoassemblies with highly boosted catalytic activity for ethanol and ethylene glycol oxidation reactions. Applied Surface Science, 2020, 506, 144791.	6.1	72
58	One-pot synthesis of monodisperse palladiumâ€“copper nanocrystals supported on reduced graphene oxide nanosheets with improved catalytic activity and methanol tolerance for oxygen reduction reaction. Journal of Power Sources, 2014, 269, 104-110.	7.8	70
59	A facile general strategy for synthesis of palladium-based bimetallic alloyed nanodendrites with enhanced electrocatalytic performance for methanol and ethylene glycol oxidation. Journal of Materials Chemistry A, 2014, 2, 12899-12906.	10.3	70
60	One-pot wet-chemical synthesis of PtPd@Pt nanocrystals supported on reduced graphene oxide with highly electrocatalytic performance for ethylene glycol oxidation. Electrochimica Acta, 2016, 187, 576-583.	5.2	70
61	A new label-free electrochemical immunosensor based on dendritic core-shell AuPd@Au nanocrystals for highly sensitive detection of prostate specific antigen. Biosensors and Bioelectronics, 2018, 99, 458-463.	10.1	70
62	Hydrogel derived FeCo/FeCoP embedded in N, P-codoped 3D porous carbon framework as a highly efficient electrocatalyst for oxygen reduction reaction. Applied Surface Science, 2021, 536, 147950.	6.1	70
63	A novel label-free electrochemical immunosensor for ultra-sensitively detecting prostate specific antigen based on the enhanced catalytic currents of oxygen reduction catalyzed by core-shell Au@Pt nanocrystals. Biosensors and Bioelectronics, 2018, 102, 276-281.	10.1	69
64	Surfactant-free synthesis of reduced graphene oxide supported porous PtAu alloyed nanoflowers with improved catalytic activity. Journal of Materials Chemistry A, 2015, 3, 5321-5327.	10.3	65
65	Surfaceâ€enhanced vibrational spectroscopy for probing transient interactions of proteins with biomimetic interfaces: electric field effects on structure, dynamics and function of cytochromeâ€ƒc. FEBS Journal, 2011, 278, 1382-1390.	4.7	64
66	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.	9.4	64
67	Synergistic effect of zirconium phosphate and Au nanoparticles on direct electron transfer of hemoglobin on glassy carbon electrode. Journal of Electroanalytical Chemistry, 2005, 585, 44-50.	3.8	62
68	Mannite supported hydrothermal synthesis of hollow flower-like ZnO structures for photocatalytic applications. CrystEngComm, 2011, 13, 4202.	2.6	62
69	Hydrogen peroxide sensor based on glassy carbon electrode modified with Î²-manganese dioxide nanorods. Mikrochimica Acta, 2011, 175, 31-37.	5.0	62
70	-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
71	Facile solvothermal synthesis of Pt₇₆Co₂₄ nanomyriapods for efficient electrocatalysis. Journal of Materials Chemistry A, 2017, 5, 10554-10560.	10.3	61
72	One-step, seedless wet-chemical synthesis of gold@palladium nanoflowers supported on reduced graphene oxide with enhanced electrocatalytic properties. Journal of Materials Chemistry A, 2014, 2, 18177-18183.	10.3	60

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73	A glassy carbon electrode modified with porous gold nanosheets for simultaneous determination of dopamine and acetaminophen. Mikrochimica Acta, 2015, 182, 589-595.	5.0	60
74	Aminouracil-assisted synthesis of CoFe decorated bougainvillea-like N-doped carbon nanoflowers for boosting Znâ€“air battery and water electrolysis. Journal of Power Sources, 2022, 521, 230926.	7.8	59
75	Facile synthesis of bimetallic gold-palladium nanocrystals as effective and durable advanced catalysts for improved electrocatalytic performances of ethylene glycol and glycerol oxidation. Journal of Colloid and Interface Science, 2018, 509, 10-17.	9.4	58
76	Amino acid-assisted fabrication of uniform dendrite-like PtAu porous nanoclusters as highly efficient electrocatalyst for methanol oxidation and oxygen reduction reactions. International Journal of Hydrogen Energy, 2017, 42, 2104-2115.	7.1	57
77	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.	9.4	57
78	Ultrasensitive photoelectrochemical aptasensor for detecting telomerase activity based on Ag2S/Ag decorated ZnIn2S4/C3N4 3D/2D Z-scheme heterostructures and amplified by Au/Cu2+-boron-nitride nanozyme. Biosensors and Bioelectronics, 2022, 203, 114048.	10.1	57
79	Facile solvothermal synthesis of monodisperse Pt 2.6 Co 1 nanoflowers with enhanced electrocatalytic activity towards oxygen reduction and hydrogen evolution reactions. Electrochimica Acta, 2017, 225, 525-532.	5.2	56
80	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. Sensors and Actuators B: Chemical, 2021, 331, 129460.	7.8	56
81	Hydrogen bubbles template-directed synthesis of self-supported AuPt nanowire networks for improved ethanol oxidation and oxygen reduction reactions. International Journal of Hydrogen Energy, 2016, 41, 8871-8880.	7.1	55
82	Highly active Fe centered FeM-N-doped carbon (MÂ=ÂCo/Ni/Mn): A general strategy for efficient oxygen conversion in Znâ€“air battery. Chemical Engineering Journal, 2021, 424, 130559.	12.7	55
83	Well-dispersed Co3Fe7 alloy nanoparticles wrapped in N-doped defect-rich carbon nanosheets as a highly efficient and methanol-resistant catalyst for oxygen-reduction reaction. Journal of Colloid and Interface Science, 2020, 569, 277-285.	9.4	54
84	Apple pectin-mediated green synthesis of hollow double-caged peanut-like ZnO hierarchical superstructures and photocatalytic applications. CrystEngComm, 2012, 14, 256-263.	2.6	53
85	Highly sensitive label-free amperometric immunoassay of prostate specific antigen using hollow dendritic AuPtAg alloyed nanocrystals. Biosensors and Bioelectronics, 2018, 111, 47-51.	10.1	53
86	In-situ decorated gold nanoparticles on polyaniline with enhanced electrocatalysis toward dopamine. Mikrochimica Acta, 2010, 171, 431-436.	5.0	52
87	Dendrite-like PtAg alloyed nanocrystals: Highly active and durable advanced electrocatalysts for oxygen reduction and ethylene glycol oxidation reactions. Journal of Colloid and Interface Science, 2017, 504, 680-687.	9.4	52
88	A polypeptide-mediated synthesis of green fluorescent gold nanoclusters for Fe3+ sensing and bioimaging. Journal of Colloid and Interface Science, 2017, 506, 386-392.	9.4	52
89	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.	12.9	52
90	A facile, green, and solvent-free route to nitrogenâ€“sulfur-codoped fluorescent carbon nanoparticles for cellular imaging. RSC Advances, 2014, 4, 11872-11875.	3.6	51

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91	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
92	Highly Enhanced Electrochemiluminescence Luminophore Generated by Zeolitic Imidazole Framework-8-Linked Porphyrin and Its Application for Thrombin Detection. Analytical Chemistry, 2020, 92, 3206-3212.	6.5	51
93	Facile synthesis of three-dimensional Ptâ€“Pd alloyed multipods with enhanced electrocatalytic activity and stability for ethylene glycol oxidation. Nanoscale, 2015, 7, 5699-5705.	5.6	50
94	Theophylline-assisted, eco-friendly synthesis of PtAu nanospheres at reduced graphene oxide with enhanced catalytic activity towards Cr(VI) reduction. Journal of Colloid and Interface Science, 2017, 493, 94-102.	9.4	50
95	One-Pot Seedless Aqueous Synthesis of Reduced Graphene Oxide (rGO)-Supported Coreâ€“Shell Pt@Pd Nanoflowers as Advanced Catalysts for Oxygen Reduction and Hydrogen Evolution. ACS Sustainable Chemistry and Engineering, 2017, 5, 8675-8683.	6.7	50
96	Mesoporous Indium Tin Oxide as a Novel Platform for Bioelectronics. ChemCatChem, 2010, 2, 839-845.	3.7	49
97	Biomolecule-assisted synthesis of porous PtPd alloyed nanoflowers supported on reduced graphene oxide with highly electrocatalytic performance for ethanol oxidation and oxygen reduction. Electrochimica Acta, 2015, 160, 100-107.	5.2	49
98	A general strategy for the facile synthesis of AuM (M = Pt/Pd) alloyed flowerlike-assembly nanochains for enhanced oxygen reduction reaction. Journal of Materials Chemistry A, 2015, 3, 5352-5359.	10.3	48
99	-Glutamic acid assisted eco-friendly one-pot synthesis of sheet-assembled platinum-palladium alloy networks for methanol oxidation and oxygen reduction reactions. Journal of Colloid and Interface Science, 2017, 504, 363-370.	9.4	48
100	Graphene wrapped Fe7C3 nanoparticles supported on N-doped graphene nanosheets for efficient and highly methanol-tolerant oxygen reduction reaction. Journal of Colloid and Interface Science, 2019, 556, 352-359.	9.4	48
101	Bio-directed one-pot synthesis of Pt-Pd alloyed nanoflowers supported on reduced graphene oxide with enhanced catalytic activity for ethylene glycol oxidation. Electrochimica Acta, 2016, 188, 696-703.	5.2	47
102	Simple one-pot aqueous synthesis of AuPd alloy nanocrystals/reduced graphene oxide as highly efficient and stable electrocatalyst for oxygen reduction and hydrogen evolution reactions. Journal of Colloid and Interface Science, 2017, 499, 128-137.	9.4	47
103	A label-free electrochemical immunosensor based on AgPt nanorings supported on reduced graphene oxide for ultrasensitive analysis of tumor marker. Sensors and Actuators B: Chemical, 2018, 254, 1174-1181.	7.8	47
104	Simple one-pot aqueous synthesis of 3D superstructured PtCoCuPd alloyed tripods with hierarchical branches for ultrasensitive immunoassay of cardiac troponin I. Biosensors and Bioelectronics, 2019, 145, 111638.	10.1	47
105	Facile Synthesis of 3D NiCoP@NiCoPO_x Coreâ€“Shell Nanostructures with Boosted Catalytic Activity toward Oxygen Evolution Reaction. ACS Applied Energy Materials, 2019, 2, 4188-4194.	5.1	47
106	Covalent modified hydrophilic polymer brushes onto poly(dimethylsiloxane) microchannel surface for electrophoresis separation of amino acids. Journal of Chromatography A, 2008, 1192, 173-179.	3.7	46
107	A glassy carbon electrode modified with porous Cu2O nanospheres on reduced graphene oxide support for simultaneous sensing of uric acid and dopamine with high selectivity over ascorbic acid. Mikrochimica Acta, 2016, 183, 2039-2046.	5.0	46
108	3D highly branched PtCoRh nanoassemblies: Glycine-assisted solvothermal synthesis and superior catalytic activity for alcohol oxidation. Journal of Colloid and Interface Science, 2019, 554, 512-519.	9.4	46

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109	Bioinspired One-Step Pyrolysis Fabrication of 3D Porous Co, N, P-doped Carbon Nanosheets with Enriched CoN_x Active Sites as High-Performance Bifunctional Oxygen Electrocatalyst for Rechargeable Znâ€“Air Battery. ACS Applied Energy Materials, 2020, 3, 2781-2790.	5.1	46
110	Single-step aqueous synthesis of AuPt alloy nanodendrites with superior electrocatalytic activity for oxygen reduction and hydrogen evolution reaction. International Journal of Hydrogen Energy, 2016, 41, 18193-18202.	7.1	45
111	Engineering 3D hierarchical thorn-like PtPdNiCu alloyed nanotripods with enhanced performances for methanol and ethanol electrooxidation. Journal of Colloid and Interface Science, 2020, 575, 425-432.	9.4	45
112	Bimetallic PdAu alloyed nanowires: Rapid synthesis via oriented attachment growth and their high electrocatalytic activity for methanol oxidation reaction. Journal of Alloys and Compounds, 2016, 684, 379-388.	5.5	44
113	A novel label-free electrochemical immunosensor based on the enhanced catalytic currents of oxygen reduction by AuAg hollow nanocrystals for detecting carbohydrate antigen 199. Biosensors and Bioelectronics, 2017, 96, 152-158.	10.1	44
114	Amperometric glucose sensor based on enhanced catalytic reduction of oxygen using glucose oxidase adsorbed onto core-shell Fe3O4@silica@Au magnetic nanoparticles. Materials Science and Engineering C, 2012, 32, 1640-1647.	7.3	43
115	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.	5.1	43
116	One-pot solvothermal synthesis of reduced graphene oxide-supported uniform PtCo nanocrystals for efficient and robust electrocatalysis. Journal of Colloid and Interface Science, 2019, 543, 17-24.	9.4	43
117	Ultrasensitive dual-signal ratiometric electrochemical aptasensor for neuron-specific enolase based on Au nanoparticles@Pd nanoclusters-poly(bismarck brown Y) and dendritic AuPt nanoassemblies. Sensors and Actuators B: Chemical, 2020, 311, 127931.	7.8	43
118	One-pot hydrothermal synthesis of uniform Î²-MnO2 nanorods for nitrite sensing. Journal of Colloid and Interface Science, 2011, 359, 1-8.	9.4	42
119	Facile synthesis of highly active Pd-Cu nanowires catalyst through a simple wet-chemical strategy for ligand-free Suzuki cross coupling reaction. Applied Catalysis A: General, 2016, 522, 188-193.	4.3	42
120	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.	7.8	42
121	AuPt nanocrystals/polydopamine supported on open-pored hollow carbon nanospheres for a dual-signaling electrochemical ratiometric immunosensor towards h-FABP detection. Sensors and Actuators B: Chemical, 2021, 346, 130501.	7.8	42
122	One-pot fabrication of reduced graphene oxide supported dendritic core-shell gold@gold-palladium nanoflowers for glycerol oxidation. Journal of Colloid and Interface Science, 2018, 509, 73-81.	9.4	41
123	Ultrafine Fe3C nanoparticles embedded in N-doped graphitic carbon sheets for simultaneous determination of ascorbic acid, dopamine, uric acid and xanthine. Mikrochimica Acta, 2019, 186, 660.	5.0	41
124	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.	7.8	41
125	Melamine assisted one-pot synthesis of Au nanoflowers and their catalytic activity towards p-nitrophenol. New Journal of Chemistry, 2012, 36, 2286.	2.8	40
126	In situ synthesis of polydopamineâ€“Ag hollow microspheres for hydrogen peroxide sensing. Electrochimica Acta, 2012, 61, 31-35.	5.2	40

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127	N-methylimidazole-assisted electrodeposition of Au porous textile-like sheet arrays and its application to electrocatalysis. Electrochimica Acta, 2013, 102, 312-318.	5.2	40
128	Simple synthesis of bimetallic AuPd dendritic alloyed nanocrystals with enhanced electrocatalytic performance for hydrazine oxidation reaction. Electrochimica Acta, 2016, 190, 872-878.	5.2	40
129	One-pot synthesis of hollow AgPt alloyed nanocrystals with enhanced electrocatalytic activity for hydrogen evolution and oxygen reduction reactions. Journal of Colloid and Interface Science, 2017, 505, 307-314.	9.4	40
130	One-pot aqueous fabrication of reduced graphene oxide supported porous PtAg alloy nanoflowers to greatly boost catalytic performances for oxygen reduction and hydrogen evolution. Journal of Colloid and Interface Science, 2018, 513, 455-463.	9.4	40
131	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
132	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
133	Induced SERâ€Activity in Nanostructured Agâ€“Silicaâ€“Au Supports via Longâ€Range Plasmon Coupling. Advanced Functional Materials, 2010, 20, 1954-1961.	14.9	39
134	Peptide-templated synthesis of wavelength-tunable fluorescent gold nanoparticles. Journal of Materials Chemistry C, 2013, 1, 4720.	5.5	39
135	Simple one-pot synthesis of solid-core@porous-shell alloyed PtAg nanocrystals for the superior catalytic activity toward hydrogen evolution and glycerol oxidation. Journal of Colloid and Interface Science, 2017, 494, 15-21.	9.4	38
136	One-pot solvothermal synthesis of bimetallic yolkâ€“shell Ni@PtNi nanocrystals supported on reduced graphene oxide and their excellent catalytic properties for p-nitrophenol reduction. New Journal of Chemistry, 2016, 40, 2315-2320.	2.8	36
137	Rapid fabrication of support-free trimetallic Pt53Ru39Ni8 nanosponges with enhanced electrocatalytic activity for hydrogen evolution and hydrazine oxidation reactions. Journal of Colloid and Interface Science, 2017, 505, 14-22.	9.4	36
138	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
139	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.	9.4	36
140	Electronic Regulation of ZnCo Dualâ€Atomic Active Sites Entrapped in 1D@2D Hierarchical Nâ€Doped Carbon for Efficient Synergistic Catalysis of Oxygen Reduction in Znâ€“Air Battery. Small, 2022, 18, e2107141.	10.0	36
141	Gelatin-assisted hydrothermal synthesis of single crystalline zinc oxide nanostars and their photocatalytic properties. Journal of Colloid and Interface Science, 2013, 402, 68-74.	9.4	35
142	Facile synthesis of porous worm-like Pd nanotubes with high electrocatalytic activity and stability towards ethylene glycol oxidation. Nanoscale, 2013, 5, 6754.	5.6	35
143	One-pot controlled synthesis of AuPd@Pd core-shell nanocrystals with enhanced electrocatalytic performances for formic acid oxidation and glycerol oxidation. Journal of Colloid and Interface Science, 2017, 508, 551-558.	9.4	35
144	One-pot wet-chemical synthesis of uniform AuPtPd nanodendrites as efficient electrocatalyst for boosting hydrogen evolution and oxygen reduction reactions. International Journal of Hydrogen Energy, 2018, 43, 22187-22194.	7.1	35

#	Article	IF	Citations
145	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. Sensors and Actuators B: Chemical, 2021, 326, 128794.	7.8	35
146	Facile synthesis of platinumâ€“ruthenium nanodendrites supported on reduced graphene oxide with enhanced electrocatalytic properties. Journal of Power Sources, 2014, 266, 259-267.	7.8	34
147	Nonenzymatic amperometric sensing of glucose using a glassy carbon electrode modified with a nanocomposite consisting of reduced graphene oxide decorated with Cu2O nanoclusters. Mikrochimica Acta, 2015, 182, 1701-1708.	5.0	34
148	Simple solvothermal synthesis of uniform Pt66Ni34 nanoflowers as advanced electrocatalyst to significantly boost the catalytic activity and durability of hydrogen evolution reaction. Electrochimica Acta, 2018, 271, 397-405.	5.2	34
149	Facile synthesis of platinum-rhodium alloy nanodendrites as an advanced electrocatalyst for ethylene glycol oxidation and hydrogen evolution reactions. Journal of Colloid and Interface Science, 2020, 579, 250-257.	9.4	34
150	Confining signal probe in porous PdPtCoNi@Pt-skin nanopolyhedra to construct a sandwich-type electrochemical immmunosensor for ultrasensitive detection of creatine kinase-MB. Sensors and Actuators B: Chemical, 2020, 315, 128088.	7.8	34
151	Simple synthesis of hierarchical AuPt alloy nanochains for construction of highly sensitive hydrazine and nitrite sensors. Materials Science and Engineering C, 2017, 75, 1317-1325.	7.3	33
152	L -Proline bio-inspired synthesis of AuPt nanocalliandras as sensing platform for label-free electrochemical immunoassay of carbohydrate antigen 19-9. Sensors and Actuators B: Chemical, 2017, 250, 61-68.	7.8	33
153	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.	7.1	32
154	Green synthesis of porous flower-like palladium with high electrocatalytic activity towards methanol oxidation. RSC Advances, 2013, 3, 10355.	3.6	31
155	Dicationic ionic liquid mediated fabrication of Au@Pt nanoparticles supported on reduced graphene oxide with highly catalytic activity for oxygen reduction and hydrogen evolution. Applied Surface Science, 2018, 441, 438-447.	6.1	31
156	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. Journal of Alloys and Compounds, 2018, 735, 2123-2132.	5.5	31
157	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.	6.1	31
158	Lowâ€Potential Detection of Glucose with a Biosensor Based on the Immobilization of Glucose Oxidase on Polymer/Manganese Oxide Layered Nanocomposite. Electroanalysis, 2008, 20, 507-512.	2.9	30
159	Electrochemical determination of bisphenol A with a glassy carbon electrode modified with gold nanodendrites. Mikrochimica Acta, 2015, 182, 703-709.	5.0	30
160	One-pot solvothermal synthesis of PdCu nanocrystals with enhanced electrocatalytic activity toward glycerol oxidation and hydrogen evolution. International Journal of Hydrogen Energy, 2017, 42, 6695-6704.	7.1	30
161	A label-free electrochemical immunosensor based on rhombic dodecahedral Cu3Pt nanoframes with advanced oxygen reduction performance for highly sensitive alpha-fetoprotein detection. Sensors and Actuators B: Chemical, 2019, 288, 721-727.	7.8	30
162	Walnut kernel-like iron-cobalt-nickel sulfide nanosheets directly grown on nickel foam: A binder-free electrocatalyst for high-efficiency oxygen evolution reaction. Journal of Colloid and Interface Science, 2021, 587, 141-149.	9.4	30

#	Article	IF	Citations
163	Gold nanoclusters doped poly(3,4-ethylenedioxythiophene) for highly sensitive electrochemical sensing of nitrite. Ionics, 2017, 23, 997-1003.	2.4	29
164	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.	9.4	29
165	Construction of ultrasensitive label-free aptasensor for thrombin detection using palladium nanocones boosted electrochemiluminescence system. Electrochimica Acta, 2019, 310, 195-202.	5.2	29
166	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. Sensors and Actuators B: Chemical, 2020, 320, 128395.	7.8	29
167	Facile construction of 3D hyperbranched PtRh nanoassemblies: A bifunctional electrocatalyst for hydrogen evolution and polyhydric alcohol oxidation reactions. International Journal of Hydrogen Energy, 2020, 45, 8433-8443.	7.1	29
168	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.	9.4	29
169	Nanosheets-assembled hollow CdIn2S4 microspheres-based photoelectrochemical and fluorescent dual-mode aptasensor for highly sensitive assay of 17Î²-estradiol based on magnetic separation and enzyme catalytic amplification. Sensors and Actuators B: Chemical, 2021, 347, 130553.	7.8	29
170	Hydrogen Bond Organic Frameworks as a Novel Electrochemiluminescence Luminophore: Simple Synthesis and Ultrasensitive Biosensing. Analytical Chemistry, 2021, 93, 17110-17118.	6.5	29
171	Ternary PtCoNi flower-like networks: One-step additive-free synthesis and highly boosted electrocatalytic performance for hydrogen evolution and oxygen reduction. International Journal of Hydrogen Energy, 2017, 42, 25277-25284.	7.1	28
172	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
173	Facile large-scale synthesis of Auâ€“Pt alloyed nanowire networks as efficient electrocatalysts for methanol oxidation and oxygen reduction reactions. RSC Advances, 2015, 5, 87061-87068.	3.6	27
174	Biosensor for pesticide triazophos based on its inhibition of acetylcholinesterase and using a glassy carbon electrode modified with coral-like gold nanostructures supported on reduced graphene oxide. Mikrochimica Acta, 2015, 182, 2427-2434.	5.0	27
175	Construction of efficient â€œon-off-onâ€•fluorescence aptasensor for ultrasensitive detection of prostate specific antigen via covalent energy transfer between g-C3N4 quantum dots and palladium triangular plates. Analytica Chimica Acta, 2020, 1104, 53-59.	5.4	27
176	Facile construction of ratiometric electrochemical immunosensor using hierarchical PtCoIr nanowires and porous SiO2@Ag nanoparticles for accurate detection of septicemia biomarker. Bioelectrochemistry, 2021, 140, 107802.	4.6	27
177	Caffeine assisted one-step synthesis of flower-like gold nanochains and their catalytic behaviors. RSC Advances, 2013, 3, 14766.	3.6	26
178	Urea assisted electrochemical synthesis of ï¬,ower-like platinum arrays with high electrocatalytic activity. Electrochimica Acta, 2014, 123, 227-232.	5.2	26
179	Simple polyol synthesis of porous coral-like palladiumâ€“silver alloy nanostructures with enhanced electrocatalytic activity for glycerol oxidation reaction. Journal of Materials Chemistry A, 2015, 3, 15920-15926.	10.3	26
180	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.	9.4	26

#	Article	IF	Citations
181	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.	9.4	26
182	Heterometallic nanomaterials: activity modulation, sensing, imaging and therapy. Chemical Science, 2022, 13, 5505-5530.	7.4	26
183	A label-free electrochemical immnunosensor based on signal magnification of oxygen reduction reaction catalyzed by uniform PtCo nanodendrites for highly sensitive detection of carbohydrate antigen 15-3. Analytica Chimica Acta, 2021, 1176, 338750.	5.4	25
184	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.	9.4	25
185	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. Sensors and Actuators B: Chemical, 2022, 358, 131518.	7.8	25
186	Simple synthesis of bimetallic alloyed Pdâ€“Au nanochain networks supported on reduced graphene oxide for enhanced oxygen reduction reaction. RSC Advances, 2014, 4, 52640-52646.	3.6	24
187	Bimetallic Alloyed PtCu Nanocubic Frames with Threeâ€Dimensional Molecular Accessible Surfaces for Boosting Oxygen Reduction and Glycerol Oxidation Reactions. ChemCatChem, 2018, 10, 3319-3326.	3.7	24
188	High-performance electrochemiluminescence emitter of metal organic framework linked with porphyrin and its application for ultrasensitive detection of biomarker mucin-1. Sensors and Actuators B: Chemical, 2021, 344, 130300.	7.8	24
189	Hydrophilic biopolymer grafted on poly(dimethylsiloxane) surface for microchip electrophoresis. Analytica Chimica Acta, 2010, 658, 75-80.	5.4	23
190	Enhanced catalytic performance of Pdâ€“Pt nanodendrites for ligand-free Suzuki cross-coupling reactions. RSC Advances, 2015, 5, 28467-28473.	3.6	23
191	Facile one-step synthesis of three-dimensional freestanding hierarchical porous carbon for high energy density supercapacitors in organic electrolyte. Journal of Electroanalytical Chemistry, 2018, 818, 51-57.	3.8	23
192	The mimetic assembly of cobalt prot-porphyrin with cyclodextrin dimer and its application for H2O2 detection. Analytica Chimica Acta, 2020, 1097, 78-84.	5.4	23
193	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.	7.1	23
194	Novel Aggregation-Enhanced PEC Photosensitizer Based on Electrostatic Linkage of Ionic Liquid with Protoporphyrin IX for Ultrasensitive Detection of Molt-4 Cells. Analytical Chemistry, 2022, 94, 3708-3717.	6.5	23
195	Silver Nanocoral Structures on Electrodes:â€‰ A Suitable Platform for Protein-Based Bioelectronic Devices. Langmuir, 2008, 24, 1583-1586.	3.5	22
196	Facile synthesis of ultra-long Cu microdendrites for the electrochemical detection of glucose. Journal of Solid State Electrochemistry, 2012, 16, 1313-1321.	2.5	22
197	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.	9.4	22
198	Label-free electrochemical biosensor for determination of procalcitonin based on graphene-wrapped Co nanoparticles encapsulated in carbon nanobrushes coupled with AuPtCu nanodendrites. Mikrochimica Acta, 2022, 189, 110.	5.0	22

#	Article	IF	Citations
199	Facile preparation of reduced graphene oxide supported PtNi alloyed nanosnowflakes with high catalytic activity. RSC Advances, 2015, 5, 35551-35557.	3.6	21
200	Ionic liquid-assisted synthesis of composition-tunable cross-linked AgPt aerogels with enhanced electrocatalysis. Journal of Colloid and Interface Science, 2017, 498, 22-30.	9.4	21
201	Simple synthesis of self-supported hierarchical AuPd alloyed nanowire networks for boosting electrocatalytic activity toward formic acid oxidation. Journal of Colloid and Interface Science, 2018, 513, 324-330.	9.4	21
202	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.	5.1	21
203	Three-dimensional hierarchical urchin-like PdCuPt nanoassembles with zigzag branches: A highly efficient and durable electrocatalyst for formic acid oxidation reaction. Applied Surface Science, 2020, 510, 145480.	6.1	21
204	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.	9.4	20
205	Bioinspired one-pot fabrication of triple-layered Rh@Co@Pt-skin core-shell nanodendrites: A highly active and durable electrocatalyst towards oxygen reduction reaction. Electrochimica Acta, 2019, 321, 134660.	5.2	20
206	Effective construction of 3D Rh/Rh2P flake-like assembled heterostructures for efficient hydrogen evolution. Journal of Alloys and Compounds, 2021, 865, 158864.	5.5	20
207	A label-free electrochemical immunosensor based on encapsulated signal molecules in mesoporous silica-coated gold nanorods for ultrasensitive assay of procalcitonin. Bioelectrochemistry, 2021, 140, 107753.	4.6	20
208	Label-free electrochemical immunosensor for ultrasensitive determination of cardiac troponin I based on porous fluffy-like AuPtPd trimetallic alloyed nanodendrites. Microchemical Journal, 2021, 169, 106568.	4.5	20
209	Facile synthesis of ultrathin worm-like Au nanowires for highly active SERS substrates. New Journal of Chemistry, 2014, 38, 3395-3400.	2.8	19
210	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.	9.4	19
211	Dual-signal ratiometric electrochemiluminescence assay for detecting the activity of human methyltransferase. Analyst, The, 2018, 143, 3353-3359.	3.5	19
212	Gold nanoparticles/electrochemically expanded graphite composite: A bifunctional platform toward glucose sensing and SERS applications. Journal of Electroanalytical Chemistry, 2019, 851, 113471.	3.8	19
213	Uric acid supported one-pot solvothermal fabrication of rhombic-like Pt35Cu65 hollow nanocages for highly efficient and stable electrocatalysis. Journal of Colloid and Interface Science, 2019, 540, 486-494.	9.4	19
214	Eco-friendly one-pot aqueous synthesis of ultra-thin AuPdCu alloyed nanowire-like networks for highly sensitive immunoassay of creatine kinase-MB. Sensors and Actuators B: Chemical, 2021, 333, 129573.	7.8	19
215	Dentritic platinum-palladium/palladium core-shell nanocrystals/reduced graphene oxide: One-pot synthesis and excellent electrocatalytic performances. Journal of Colloid and Interface Science, 2018, 514, 93-101.	9.4	18
216	A fast and ultrasensitive detection of zinc ions based on â€œsignal onâ€•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

#	Article	IF	Citations
217	Electrodeposition of monodispersed platinum nanoparticles on a glassy carbon electrode for sensing methanol. Mikrochimica Acta, 2011, 173, 383-389.	5.0	17
218	Electrochemical determination of dioxygen and hydrogen peroxide using Fe3O4@SiO2@hemin microparticles. Mikrochimica Acta, 2012, 176, 201-208.	5.0	17
219	Dendritic core-shell rhodium@platinum-cobalt nanocrystals for ultrasensitive electrochemical immunoassay of squamous cell carcinoma antigen. Journal of Colloid and Interface Science, 2019, 555, 647-654.	9.4	17
220	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.	7.8	17
221	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.	9.4	17
222	Electrosynthesis of SER-Active Silver Nanopillar Electrode Arrays. Journal of Physical Chemistry C, 2010, 114, 7280-7284.	3.1	16
223	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, , .	5.1	16
224	Nitrogen and sulfur coâ€doped carbon nanodots toward bovine hemoglobin: A fluorescence quenching mechanism investigation. Journal of Molecular Recognition, 2019, 32, e2761.	2.1	16
225	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.	9.4	16
226	Heterostructured BiVO4/CoPi nanoarrays as high-efficiency photoanode and AuPt nanodendrites as nanozyme for sensitive sensing of miRNA 141. Biosensors and Bioelectronics, 2022, 215, 114552.	10.1	16
227	Bimetallic Auâ€“Pd nanochain networks: facile synthesis and promising application in biaryl synthesis. New Journal of Chemistry, 2017, 41, 3894-3899.	2.8	14
228	Facile Solvothermal Synthesis of Pt₄Co Multiâ€dendrites: An Effective Electrocatalyst for Oxygen Reduction and Glycerol Oxidation. ChemElectroChem, 2017, 4, 2909-2914.	3.4	14
229	Nondirecting Group sp³ Cå^'H Activation for Synthesis of Bibenzyls via Homoâ€coupling as Catalyzed by Reduced Graphene Oxide Supported PtPd@Pt Porous Nanospheres. Advanced Synthesis and Catalysis, 2018, 360, 932-941.	4.3	14
230	A one-step electrochemically reduced graphene oxide based sensor for sensitive voltammetric determination of furfural in milk products. Analytical Methods, 2021, 13, 56-63.	2.7	14
231	The enhanced photoelectrochemical platform constructed by N-doped ZnO nanopolyhedrons and porphyrin for ultrasensitive detection of brain natriuretic peptide. Analytica Chimica Acta, 2021, 1183, 338870.	5.4	14
232	Simultaneous determination of trace levels of lead(II) and copper(II) by square wave stripping voltammetry using a glassy carbon electrode modified with hierarchical gold dendrites. Mikrochimica Acta, 2014, 181, 389-394.	5.0	13
233	Facile controlled synthesis of MnO2 nanowires for supercapacitors. Journal of Solid State Electrochemistry, 2014, 18, 2521-2527.	2.5	13
234	Electrochemical signal-amplified detection of 5-methylcytosine and 5-hydroxymethylcytosine in DNA using glucose modification coupled with restriction endonucleases. Analyst, The, 2018, 143, 2051-2056.	3.5	13

#	Article	IF	Citations
235	New advances in accurate monitoring of breast cancer biomarkers by electrochemistry, electrochemiluminescence, and photoelectrochemistry. Journal of Electroanalytical Chemistry, 2021, 882, 115010.	3.8	13
236	Sensitive detection of mercury (II) ion using water-soluble captopril-stabilized fluorescent gold nanoparticles. Materials Science and Engineering C, 2013, 33, 2664-2668.	7.3	12
237	Polyinosinic acid-stabilized fluorescent silver nanoclusters for sensitive detection of biological thiols. Analytical Methods, 2013, 5, 6076.	2.7	12
238	Facile synthesis of a porous network-like silver film for electrocatalytic detection of nitrate. Mikrochimica Acta, 2013, 180, 1495-1500.	5.0	12
239	Facile synthesis of MnO₂â€“Ag hollow microspheres with sheet-like subunits and their catalytic properties. CrystEngComm, 2014, 16, 863-869.	2.6	12
240	Neuron-like gold-palladium alloy nanostructures: Rapid synthesis and applications in electrocatalysis and surface-enhanced Raman scattering. Journal of Colloid and Interface Science, 2016, 482, 73-80.	9.4	12
241	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.	9.4	12
242	Facile synthesis of porous iridium-palladium-plumbum wire-like nanonetworks with boosted catalytic performance for hydrogen evolution reaction. Journal of Colloid and Interface Science, 2020, 580, 99-107.	9.4	12
243	Recyclable SERS substrates based on Fe₂O₃â€“Ag hybrid hollow microspheres with crumpled surfaces. New Journal of Chemistry, 2016, 40, 5238-5244.	2.8	11
244	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.	9.4	11
245	Peptide-directed synthesis of fluorescent gold nanoparticles for mitochondria-targeted confocal imaging of temperature. Mikrochimica Acta, 2017, 184, 1215-1221.	5.0	10
246	A robust and efficient aqueous electrochemiluminescence emitter constructed by sulfonate porphyrin-based metalâ€“organic frameworks and its application in ascorbic acid detection. Analyst, The, 2020, 145, 2758-2766.	3.5	10
247	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.	9.4	10
248	Cytosine-assisted synthesis of gold nanochains and gold nanoflowers for the construction of a microperoxidase-11 based amperometric biosensor for hydrogen peroxide. Mikrochimica Acta, 2014, 181, 1239-1247.	5.0	9
249	Enhanced Biosensing Performance of Mesoporous SnO₂ Multilayer Film in Interfacing Hemoglobin. Journal of Nanoscience and Nanotechnology, 2009, 9, 2290-2296.	0.9	8
250	Control growth of single crystalline ZnO nanorod arrays and nanoflowers with enhanced photocatalytic activity. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	8
251	Studies on the electrochemical and dopamine sensing properties of AgNP-modified carboxylated cellulose nanocrystal-doped poly(3,4-ethylenedioxythiophene). Ionics, 2017, 23, 3211-3218.	2.4	8
252	A sandwich-type electrochemical immunosensor for CYFRA 21â€“1 based on probe-confined in PtPd/polydopamine/hollow carbon spheres coupled with dendritic Au@Rh nanocrystals. Mikrochimica Acta, 2022, 189, .	5.0	8

#	Article	IF	Citations
253	Cyanogel and its derived-materials: properties, preparation methods, and electrochemical applications. Materials Today Energy, 2021, 20, 100701.	4.7	7
254	A study on the direct electrochemistry and electrocatalysis of microperoxidase-11 immobilized on a porous network-like gold film: Sensing of hydrogen peroxide. Mikrochimica Acta, 2013, 180, 581-587.	5.0	6
255	Determination of Phthalate Esters in Wine Using Dispersive Liquidâ€“Liquid Microextraction and Gas Chromatography. Analytical Letters, 2014, 47, 1874-1887.	1.8	6
256	l -Arginine-assisted one-pot synthesis of hierarchical Ag 1 Pt 2 nanocorallines for surface-enhanced Raman spectroscopy. Journal of Colloid and Interface Science, 2017, 498, 128-135.	9.4	6
257	The electrochemiluminescence coreactant accelerator of metalâ€“organic frameworks grafted with N-(aminobutyl)-N-(ethylisoluminol) for the ultrasensitive detection of chloramphenicol. Analyst, The, 2021, 146, 5995-6004.	3.5	6
258	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.	9.4	6
259	Cu(ii)@Luviset clear as recyclable catalyst for the formation of Câ€“C bond in homo-coupling of terminal alkynes. RSC Advances, 2015, 5, 96372-96376.	3.6	5
260	l-Arginine-assisted electrochemical fabrication of hierarchical gold dendrites with improved electrocatalytic activity. Journal of Solid State Electrochemistry, 2015, 19, 3185-3193.	2.5	5
261	Biocompatible Functional Nanomaterials: Synthesis, Properties, and Applications. Journal of Nanomaterials, 2013, 2013, 1-1.	2.7	2
262	Bioelectronics: Induced SERâ€Activity in Nanostructured Agâ€“Silicaâ€“Au Supports via Longâ€Range Plasmon Coupling (Adv. Funct. Mater. 12/2010). Advanced Functional Materials, 2010, 20, .	14.9	0