

Ai-Jun Wang

List of Publications by Year in descending order

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356
papers

17,364
citations

11608

70
h-index

35952

97
g-index

358
all docs

358
docs citations

358
times ranked

14453
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.	5.0	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.	5.0	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.	5.0	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.	5.0	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.	5.0	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.	4.0	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.	5.0	57
8	A signal-off photoelectrochemical aptasensor for ultrasensitive 17 β -estradiol detection based on rose-like CdS@C nanostructure and enzymatic amplification. <i>Mikrochimica Acta</i> , 2022, 189, 56.	2.5	14
9	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.	4.0	25
10	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.	5.3	57
11	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.	5.0	17
12	Au(III)-induced extracellular electron transfer by <i>Burkholderia contaminans</i> ZCC for the bio-recovery of gold nanoparticles. <i>Environmental Research</i> , 2022, 210, 112910.	3.7	6
13	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.	5.0	6
14	Heterostructured CoP-CoMoP nanocages as advanced electrocatalysts for efficient hydrogen evolution over a wide pH range. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 465-474.	5.0	28
15	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.	5.2	36
16	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.	2.5	22
17	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.	3.2	23
18	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.	5.0	10

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19	Heterometallic nanomaterials: activity modulation, sensing, imaging and therapy. <i>Chemical Science</i> , 2022, 13, 5505-5530.	3.7	26
20	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.	5.0	16
21	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. <i>Mikrochimica Acta</i> , 2022, 189, .	2.5	8
22	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.	5.0	11
23	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.	5.3	16
24	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.	5.0	96
25	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.	7.1	52
26	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.	5.0	99
27	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.	3.1	70
28	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.	5.0	87
29	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.	4.0	35
30	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.	5.0	30
31	The electrochemiluminescence coreactant accelerator of metalâ€™organic frameworks grafted with <i>N</i> -(aminobutyl)- <i>N</i> -(ethylisoluminol) for the ultrasensitive detection of chloramphenicol. <i>Analyt. The</i> , 2021, 146, 5995-6004.	1.7	6
32	One-step synthesis of carbon-encapsulated nickel phosphide nanoparticles with efficient bifunctional catalysis on oxygen evolution and reduction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 8519-8530.	3.8	21
33	New advances in accurate monitoring of breast cancer biomarkers by electrochemistry, electrochemiluminescence, and photoelectrochemistry. <i>Journal of Electroanalytical Chemistry</i> , 2021, 882, 115010.	1.9	13
34	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.	4.0	56
35	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.	4.0	19
36	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.	5.0	94

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37	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.	3.1	31
38	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.	3.8	23
39	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.	5.0	112
40	Cyanogel and its derived-materials: properties, preparation methods, and electrochemical applications. <i>Materials Today Energy</i> , 2021, 20, 100701.	2.5	7
41	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.	5.0	29
42	Effective construction of 3D Rh/Rh ₂ P flake-like assembled heterostructures for efficient hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2021, 865, 158864.	2.8	20
43	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.	5.3	118
44	Facile construction of ratiometric electrochemical immunosensor using hierarchical PtCoIr nanowires and porous SiO ₂ @Ag nanoparticles for accurate detection of septicemia biomarker. <i>Bioelectrochemistry</i> , 2021, 140, 107802.	2.4	27
45	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.	2.4	20
46	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.	2.6	25
47	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.	4.0	17
48	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.	2.3	20
49	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.	4.0	24
50	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.	2.6	14
51	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.	6.6	55
52	Nanosheets-assembled hollow CdIn ₂ S ₄ 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.	4.0	29
53	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.	4.0	42
54	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.	5.0	22

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55	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.	5.0	25
56	Covalent organic framework-LZU1@PEI@Fe ₃ O ₄ -based magnetic dispersive micro-solid phase extraction of tetracyclines from environmental water prior to HPLC analysis. <i>Analytical Methods</i> , 2021, 13, 4320-4327.	1.3	6
57	Determination of sulfonamides in milk and egg samples by HPLC with mesoporous polymelamine-formaldehyde as magnetic solid-phase extraction adsorbent. <i>Journal of Separation Science</i> , 2021, 44, 4402-4411.	1.3	9
58	A novel label-free photoelectrochemical aptasensor for the sensitive detection of ampicillin based on carbon-coated Bi ₂ S ₃ nanorods. <i>New Journal of Chemistry</i> , 2021, 45, 22833-22838.	1.4	4
59	Hydrogen Bond Organic Frameworks as a Novel Electrochemiluminescence Luminophore: Simple Synthesis and Ultrasensitive Biosensing. <i>Analytical Chemistry</i> , 2021, 93, 17110-17118.	3.2	29
60	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.	5.0	101
61	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.	5.0	77
62	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.	5.0	101
63	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.	2.6	27
64	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.	2.6	23
65	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.	3.1	72
66	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.	5.0	12
67	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.	4.0	41
68	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.	4.0	42
69	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.	4.0	29
70	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.	5.0	45
71	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.	5.0	34
72	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.	4.0	43

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73	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.	3.8	29
74	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.	2.5	46
75	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.	5.0	54
76	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.	5.0	78
77	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.	1.7	10
78	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.	3.8	87
79	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.	3.2	51
80	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.	3.1	21
81	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.	4.0	34
82	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.	5.0	17
83	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.	5.0	26
84	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.	5.0	46
85	Cationic supercapacitance of carbon nanotubes covered with copper hexacyanoferrate. <i>Nanotechnology</i> , 2019, 30, 505401.	1.3	15
86	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.	5.3	47
87	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.	3.8	32
88	A Facile and Robust Method for Synthesis of Hierarchically Multibranching PtIrCo Alloyed Nanowires: Growth Mechanism and Efficient Electrocatalysis for Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 7886-7892.	2.5	21
89	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.	2.6	20
90	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.	2.5	41

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91	Graphene wrapped Fe ₇ C ₃ 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.	5.0	48
92	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.	5.0	43
93	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.	5.0	115
94	PtIr alloy nanowire assembly on carbon cloth as advanced anode catalysts for methanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20336-20344.	3.8	12
95	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.	3.2	82
96	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.	5.0	186
97	Ultrathin MoSSe alloy nanosheets anchored on carbon nanotubes as advanced catalysts for hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16110-16119.	3.8	23
98	Mesoporous spinel NiFe oxide cubes as advanced electrocatalysts for oxygen evolution. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16368-16377.	3.8	22
99	Facile Synthesis of 3D NiCoP@NiCoPO ₄ Core-Shell Nanostructures with Boosted Catalytic Activity toward Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 4188-4194.	2.5	47
100	A simple wet-chemical strategy for facile fabrication of hierarchical PdAu nanodendrites as excellent electrocatalyst for oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 51-58.	5.0	12
101	A label-free electrochemical immunosensor based on rhombic dodecahedral Cu ₃ Pt nanoframes with advanced oxygen reduction performance for highly sensitive alpha-fetoprotein detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 721-727.	4.0	30
102	Ultrasensitive label-free electrochemical immunoassay of carbohydrate antigen 15-3 using dendritic Au@Pt nanocrystals/ferrocene-grafted-chitosan for efficient signal amplification. <i>Sensors and Actuators B: Chemical</i> , 2019, 292, 164-170.	4.0	51
103	Construction of ultrasensitive label-free aptasensor for thrombin detection using palladium nanocones boosted electrochemiluminescence system. <i>Electrochimica Acta</i> , 2019, 310, 195-202.	2.6	29
104	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. <i>Biosensors and Bioelectronics</i> , 2019, 132, 294-301.	5.3	77
105	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. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 203-209.	4.0	18
106	Bimetallic PtCo alloyed nanodendritic assemblies as an advanced efficient and robust electrocatalyst for highly efficient hydrogen evolution and oxygen reduction. <i>Journal of Alloys and Compounds</i> , 2019, 786, 232-239.	2.8	40
107	One-pot solvothermal synthesis of three-dimensional hollow PtCu alloyed dodecahedron nanoframes with excellent electrocatalytic performances for hydrogen evolution and oxygen reduction. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 525-532.	5.0	141
108	Pd nanocones supported on g-C ₃ N ₄ : An efficient photocatalyst for boosting catalytic reduction of hexavalent chromium under visible-light irradiation. <i>Applied Surface Science</i> , 2019, 471, 935-942.	3.1	49

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109	-proline assisted solvothermal preparation of Cu-rich rhombic dodecahedral PtCu nanoframes as advanced electrocatalysts for oxygen reduction and hydrogen evolution reactions. <i>Electrochimica Acta</i> , 2019, 299, 89-97.	2.6	62
110	Uric acid supported one-pot solvothermal fabrication of rhombic-like Pt ₃₅ Cu ₆₅ hollow nanocages for highly efficient and stable electrocatalysis. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 486-494.	5.0	19
111	Facile solvothermal synthesis of Pt ₇₁ Co ₂₉ lamellar nanoflowers as an efficient catalyst for oxygen reduction and methanol oxidation reactions. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 556-562.	5.0	114
112	A novel electrochemical immunosensor for highly sensitive detection of prostate-specific antigen using 3D open-structured PtCu nanoframes for signal amplification. <i>Biosensors and Bioelectronics</i> , 2019, 126, 187-192.	5.3	144
113	Green synthesis of Pd nanocones as a novel and effective electrochemiluminescence illuminant for highly sensitive detection of dopamine. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 588-594.	4.0	28
114	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. <i>Electrochimica Acta</i> , 2019, 293, 504-513.	2.6	146
115	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. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 349-356.	5.0	121
116	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. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 41-49.	5.0	40
117	Facile synthesis of porous dendritic Pt ₆₈ Ag ₃₂ nanodandelions for greatly boosting electrocatalytic activity towards oxygen reduction and hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 6096-6106.	3.8	9
118	Poly-L-lysine mediated synthesis of palladium nanochain networks and nanodendrites as highly efficient electrocatalysts for formic acid oxidation and hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 325-331.	5.0	36
119	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.	5.0	20
120	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.	5.0	36
121	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.	3.1	31
122	Controllable synthesis of PtPd nanocubes on graphene as advanced catalysts for ethanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 4902-4911.	3.8	43
123	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.	5.0	128
124	One-pot synthesis of a PtPd dendritic nanocube cage superstructure on graphenes as advanced catalysts for oxygen reduction. <i>Nanotechnology</i> , 2018, 29, 10LT01.	1.3	6
125	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.	5.0	26
126	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.	2.8	31

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127	Facile synthesis of AgPt@Ag core-shell nanoparticles as highly active surface-enhanced Raman scattering substrates. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 945-952.	4.0	25
128	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.	1.8	24
129	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.	2.6	34
130	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.	5.3	53
131	Solvothermal synthesis of N-doped graphene supported PtCo nanodendrites with highly catalytic activity for 4-nitrophenol reduction. <i>Applied Surface Science</i> , 2018, 428, 798-808.	3.1	78
132	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.	5.0	41
133	Facile synthesis of bimetallic gold-palladium nanocrystals as effective and durable advanced catalysts for improved electrocatalytic performances of ethylene glycol and glycerol oxidation. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 10-17.	5.0	58
134	Simple synthesis of self-supported hierarchical AuPd alloyed nanowire networks for boosting electrocatalytic activity toward formic acid oxidation. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 324-330.	5.0	21
135	Dendritic platinum-palladium/palladium core-shell nanocrystals/reduced graphene oxide: One-pot synthesis and excellent electrocatalytic performances. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 93-101.	5.0	18
136	Nondirecting Group C^{H} Activation for Synthesis of Bibenzyls via Homo-coupling as Catalyzed by Reduced Graphene Oxide Supported PtPd@Pt Porous Nanospheres. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 932-941.	2.1	14
137	Uniform Pt@Pd nanocrystals supported on N-doped reduced graphene oxide as catalysts for effective reduction of highly toxic chromium(VI). <i>Materials Chemistry and Physics</i> , 2018, 205, 64-71.	2.0	41
138	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. <i>Biosensors and Bioelectronics</i> , 2018, 102, 276-281.	5.3	69
139	One-pot aqueous fabrication of reduced graphene oxide supported porous PtAg alloy nanoflowers to greatly boost catalytic performances for oxygen reduction and hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 455-463.	5.0	40
140	A new label-free electrochemical immunosensor based on dendritic core-shell AuPd@Au nanocrystals for highly sensitive detection of prostate specific antigen. <i>Biosensors and Bioelectronics</i> , 2018, 99, 458-463.	5.3	70
141	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.	4.0	47
142	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.	3.8	35
143	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.	5.0	64
144	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.	5.0	29

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145	Determination of Sulfonamide Residues in Honey and Milk by HPLC Coupled with Novel Graphene Oxide/Polypyrrole Foam Material-Pipette Tip Solid Phase Extraction. <i>Food Analytical Methods</i> , 2018, 11, 2885-2896.	1.3	24
146	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.	5.0	19
147	Solvothermal Synthesis of Monodisperse PtCu Dodecahedral Nanoframes with Enhanced Catalytic Activity and Durability for Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2018, 1, 5054-5061.	2.5	43
148	A simple colorimetric analytical assay using gold nanoparticles for specific detection of tetracycline in environmental water samples. <i>Analytical Methods</i> , 2018, 10, 3402-3407.	1.3	37
149	Three-dimensional NiCu layered double hydroxide nanosheets array on carbon cloth for enhanced oxygen evolution. <i>Electrochimica Acta</i> , 2018, 282, 735-742.	2.6	57
150	One-pot solvothermal synthesis of PdCu nanocrystals with enhanced electrocatalytic activity toward glycerol oxidation and hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 6695-6704.	3.8	30
151	Simple one-pot synthesis of solid-core@porous-shell alloyed PtAg nanocrystals for the superior catalytic activity toward hydrogen evolution and glycerol oxidation. <i>Journal of Colloid and Interface Science</i> , 2017, 494, 15-21.	5.0	38
152	Theophylline-assisted, eco-friendly synthesis of PtAu nanospheres at reduced graphene oxide with enhanced catalytic activity towards Cr(VI) reduction. <i>Journal of Colloid and Interface Science</i> , 2017, 493, 94-102.	5.0	50
153	Simple fabrication of AuPd@Pd core-shell nanocrystals for effective catalytic reduction of hexavalent chromium. <i>Applied Catalysis B: Environmental</i> , 2017, 208, 128-134.	10.8	69
154	Simple synthesis of hierarchical AuPt alloy nanochains for construction of highly sensitive hydrazine and nitrite sensors. <i>Materials Science and Engineering C</i> , 2017, 75, 1317-1325.	3.8	33
155	Controllable Synthesis of Caterpillar-like Molybdenum Sulfide @carbon Nanotube Hybrids with Core Shell Structure for Hydrogen Evolution. <i>Electrochimica Acta</i> , 2017, 235, 422-428.	2.6	20
156	Peptide-directed synthesis of fluorescent gold nanoparticles for mitochondria-targeted confocal imaging of temperature. <i>Mikrochimica Acta</i> , 2017, 184, 1215-1221.	2.5	10
157	Facile synthesis of multi-branched AgPt alloyed nanoflowers and their excellent applications in surface enhanced Raman scattering. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 214-222.	4.0	23
158	Bimetallic Au@Pd nanochain networks: facile synthesis and promising application in biaryl synthesis. <i>New Journal of Chemistry</i> , 2017, 41, 3894-3899.	1.4	14
159	L-Proline bio-inspired synthesis of AuPt nanocallistras as sensing platform for label-free electrochemical immunoassay of carbohydrate antigen 19-9. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 61-68.	4.0	33
160	Facile solvothermal synthesis of Pt ₇₆ Co ₂₄ nanomyriapods for efficient electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10554-10560.	5.2	61
161	A novel label-free electrochemical immunosensor based on the enhanced catalytic currents of oxygen reduction by AuAg hollow nanocrystals for detecting carbohydrate antigen 199. <i>Biosensors and Bioelectronics</i> , 2017, 96, 152-158.	5.3	44
162	Amino acid-assisted fabrication of uniform dendrite-like PtAu porous nanoclusters as highly efficient electrocatalyst for methanol oxidation and oxygen reduction reactions. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 2104-2115.	3.8	57

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163	Rapid fabrication of support-free trimetallic Pt ₅₃ Ru ₃₉ Ni ₈ nanosponges with enhanced electrocatalytic activity for hydrogen evolution and hydrazine oxidation reactions. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 14-22.	5.0	36
164	One-pot synthesis of hollow AgPt alloyed nanocrystals with enhanced electrocatalytic activity for hydrogen evolution and oxygen reduction reactions. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 307-314.	5.0	40
165	Dendrite-like PtAg alloyed nanocrystals: Highly active and durable advanced electrocatalysts for oxygen reduction and ethylene glycol oxidation reactions. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 680-687.	5.0	52
166	-Glutamic acid assisted eco-friendly one-pot synthesis of sheet-assembled platinum-palladium alloy networks for methanol oxidation and oxygen reduction reactions. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 363-370.	5.0	48
167	l-Arginine-assisted one-pot synthesis of hierarchical Ag ₁ Pt ₂ nanocorallines for surface-enhanced Raman spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2017, 498, 128-135.	5.0	6
168	Free-standing Pt nanowire networks with clean surfaces: Highly sensitive electrochemical detection of nitrite. <i>Journal of Electroanalytical Chemistry</i> , 2017, 791, 131-137.	1.9	35
169	Thymine-directed synthesis of highly branched gold-palladium alloy nanobrambles as a highly active surface-enhanced Raman scattering substrate. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 490-497.	4.0	19
170	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. <i>Journal of Colloid and Interface Science</i> , 2017, 499, 128-137.	5.0	47
171	A novel enzyme-free sandwich-like electrochemical immunosensor for the detection of carbohydrate antigen 15-3 based on hierarchical AuPd nanochain networks. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 349-356.	4.0	21
172	Ionic liquid-assisted synthesis of composition-tunable cross-linked AgPt aerogels with enhanced electrocatalysis. <i>Journal of Colloid and Interface Science</i> , 2017, 498, 22-30.	5.0	21
173	Porous NiCo Diselenide Nanosheets Arrayed on Carbon Cloth as Promising Advanced Catalysts Used in Water Splitting. <i>Electrochimica Acta</i> , 2017, 225, 503-513.	2.6	46
174	Facile solvothermal synthesis of monodisperse Pt _{2.6} Co ₁ nanoflowers with enhanced electrocatalytic activity towards oxygen reduction and hydrogen evolution reactions. <i>Electrochimica Acta</i> , 2017, 225, 525-532.	2.6	56
175	Electrochemical Removal of Radioactive Cesium from Nuclear Waste Using the Dendritic Copper Hexacyanoferrate/Carbon Nanotube Hybrids. <i>Electrochimica Acta</i> , 2017, 257, 172-180.	2.6	54
176	Cytosine assisted aqueous synthesis of AgPt hollow alloyed nanostructures as highly active electrocatalyst for ethylene glycol oxidation and hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 24767-24775.	3.8	21
177	Ternary PtCoNi flower-like networks: One-step additive-free synthesis and highly boosted electrocatalytic performance for hydrogen evolution and oxygen reduction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 25277-25284.	3.8	28
178	Highly efficient removal of chlorotetracycline from aqueous solution using graphene oxide/TiO ₂ composite: Properties and mechanism. <i>Applied Surface Science</i> , 2017, 425, 765-775.	3.1	94
179	A polypeptide-mediated synthesis of green fluorescent gold nanoclusters for Fe ³⁺ sensing and bioimaging. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 386-392.	5.0	52
180	Facile Solvothermal Synthesis of Pt ₄ Co Multi-Generational Dendrites: An Effective Electrocatalyst for Oxygen Reduction and Glycerol Oxidation. <i>ChemElectroChem</i> , 2017, 4, 2909-2914.	1.7	14

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181	One-pot controlled synthesis of AuPd@Pd core-shell nanocrystals with enhanced electrocatalytic performances for formic acid oxidation and glycerol oxidation. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 551-558.	5.0	35
182	One-Pot Seedless Aqueous Synthesis of Reduced Graphene Oxide (rGO)-Supported Core-Shell Pt@Pd Nanoflowers as Advanced Catalysts for Oxygen Reduction and Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8675-8683.	3.2	50
183	Magnetic Metal-Organic Framework/Graphene Oxide-Based Solid-Phase Extraction Combined with Spectrofluorimetry for the Determination of Enrofloxacin in Milk Sample. <i>Food Analytical Methods</i> , 2017, 10, 4094-4103.	1.3	13
184	Facile synthesis of flower-like Au@AuPd nanocrystals with highly electrocatalytic activity for formic acid oxidation and hydrogen evolution reactions. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 19894-19902.	3.8	34
185	One-pot synthesis of 3D freestanding porous PtAg hollow chain-like networks as efficient electrocatalyst for oxygen reduction reaction. <i>Electrochimica Acta</i> , 2017, 245, 883-892.	2.6	33
186	Ultrasonication-assisted wet-chemical fabrication of uniform AuPt nanodendrites as efficient electrocatalyst for oxygen reduction and hydrogen evolution reactions. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 2071-2080.	3.8	21
187	One-pot green synthesis of highly fluorescent glutathione-stabilized copper nanoclusters for Fe ³⁺ sensing. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 292-297.	4.0	93
188	Simple fabrication of eptifibatide stabilized gold nanoclusters with enhanced green fluorescence as biocompatible probe for in vitro cellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1057-1062.	4.0	24
189	Poly(ionic liquid)-assisted one-pot synthesis of Au hyperbranched architectures for enhanced SERS performances. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 91-97.	4.0	25
190	Simple wet-chemical strategy for large-scaled synthesis of snowflake-like PdAu alloy nanostructures as effective electrocatalysts of ethanol and ethylene glycol oxidation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 2034-2044.	3.8	70
191	Bimetallic AuPt alloy nanodendrites/reduced graphene oxide: One-pot ionic liquid-assisted synthesis and excellent electrocatalysis towards hydrogen evolution and methanol oxidation reactions. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 1120-1129.	3.8	51
192	Highly sensitive electrochemical determination of azathioprine using a glassy carbon electrode modified with Au neuronal-like nanostructures. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 996-1002.	4.0	13
193	One-pot synthesis of single-crystal Pt nanoplates uniformly deposited on reduced graphene oxide, and their high activity and stability on the electrocatalytic oxidation of methanol. <i>Nanotechnology</i> , 2016, 27, 145602.	1.3	14
194	Bimetallic PdAu alloyed nanowires: Rapid synthesis via oriented attachment growth and their high electrocatalytic activity for methanol oxidation reaction. <i>Journal of Alloys and Compounds</i> , 2016, 684, 379-388.	2.8	44
195	Size-controllable synthesis of ultrafine PtNi nanoparticles uniformly deposited on reduced graphene oxide as advanced anode catalysts for methanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 9303-9311.	3.8	55
196	Hydrogen bubbles template-directed synthesis of self-supported AuPt nanowire networks for improved ethanol oxidation and oxygen reduction reactions. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 8871-8880.	3.8	55
197	Bimetallic AuPd nanoclusters supported on graphitic carbon nitride: One-pot synthesis and enhanced electrocatalysis for oxygen reduction and hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 8839-8846.	3.8	45
198	Miniaturization of self-assembled solid phase extraction based on graphene oxide/chitosan coupled with liquid chromatography for the determination of sulfonamide residues in egg and honey. <i>Journal of Chromatography A</i> , 2016, 1447, 17-25.	1.8	33

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199	A glassy carbon electrode modified with porous Cu ₂ O nanospheres on reduced graphene oxide support for simultaneous sensing of uric acid and dopamine with high selectivity over ascorbic acid. <i>Mikrochimica Acta</i> , 2016, 183, 2039-2046.	2.5	46
200	Porous dandelion-like gold@ palladium core-shell nanocrystals in-situ growth on reduced graphene oxide with improved electrocatalytic properties. <i>Electrochimica Acta</i> , 2016, 200, 204-213.	2.6	33
201	Uniform Pt Nanoparticles Incorporated into Reduced Graphene Oxides with MoO ₃ as Advanced Anode Catalysts for Methanol Electro-oxidation. <i>Electrochimica Acta</i> , 2016, 198, 127-134.	2.6	49
202	Uniform Deposition of Co ₃ O ₄ Nanosheets on Exfoliated MoS ₂ Nanosheets as Advanced Catalysts for Water Splitting. <i>Electrochimica Acta</i> , 2016, 212, 890-897.	2.6	34
203	Simple fabrication of core-shell AuPt@Pt nanocrystals supported on reduced graphene oxide for ethylene glycol oxidation and hydrogen evolution reactions. <i>Electrochimica Acta</i> , 2016, 219, 321-329.	2.6	40
204	Fluorescent graphene-like carbon nitrides: synthesis, properties and applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8146-8160.	2.7	77
205	Facile synthesis of uniform AuPd@Pd nanocrystals supported on three-dimensional porous N-doped reduced graphene oxide hydrogels as highly active catalyst for methanol oxidation reaction. <i>Electrochimica Acta</i> , 2016, 213, 565-573.	2.6	55
206	Poly(ionic liquid) assisted synthesis of hierarchical gold-platinum alloy nanodendrites with high electrocatalytic properties for ethylene glycol oxidation and oxygen reduction reactions. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 14058-14067.	3.8	39
207	Neuron-like gold-palladium alloy nanostructures: Rapid synthesis and applications in electrocatalysis and surface-enhanced Raman scattering. <i>Journal of Colloid and Interface Science</i> , 2016, 482, 73-80.	5.0	12
208	Graphene-Fe ₃ O ₄ as a magnetic solid-phase extraction sorbent coupled to capillary electrophoresis for the determination of sulfonamides in milk. <i>Journal of Separation Science</i> , 2016, 39, 3818-3826.	1.3	48
209	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.	3.8	45
210	Green-assembly of three-dimensional porous graphene hydrogels for efficient removal of organic dyes. <i>Journal of Colloid and Interface Science</i> , 2016, 484, 254-262.	5.0	80
211	Bimetallic PtAu superlattice arrays: Highly electroactive and durable catalyst for oxygen reduction and methanol oxidation reactions. <i>Journal of Power Sources</i> , 2016, 330, 140-148.	4.0	49
212	Folic acid bio-inspired route for facile synthesis of AuPt nanodendrites as enhanced electrocatalysts for methanol and ethanol oxidation reactions. <i>Journal of Power Sources</i> , 2016, 326, 227-234.	4.0	43
213	Facile synthesis of highly active Pd-Cu nanowires catalyst through a simple wet-chemical strategy for ligand-free Suzuki cross coupling reaction. <i>Applied Catalysis A: General</i> , 2016, 522, 188-193.	2.2	42
214	5-Aminoorotic acid directed synthesis of graphene-supported AuPt nanocrystals with enhanced electrocatalytic properties. <i>Electrochimica Acta</i> , 2016, 190, 1159-1166.	2.6	10
215	Eco-friendly and rapid microwave synthesis of green fluorescent graphitic carbon nitride quantum dots for vitro bioimaging. <i>Sensors and Actuators B: Chemical</i> , 2016, 226, 506-511.	4.0	176
216	An ultra-sensitive electrochemical sensor for hydrazine based on AuPd nanorod alloy nanochains. <i>Electrochimica Acta</i> , 2016, 195, 68-76.	2.6	64

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217	One-pot wet-chemical synthesis of PtPd@Pt nanocrystals supported on reduced graphene oxide with highly electrocatalytic performance for ethylene glycol oxidation. <i>Electrochimica Acta</i> , 2016, 187, 576-583.	2.6	70
218	Bio-directed one-pot synthesis of Pt-Pd alloyed nanoflowers supported on reduced graphene oxide with enhanced catalytic activity for ethylene glycol oxidation. <i>Electrochimica Acta</i> , 2016, 188, 696-703.	2.6	47
219	Simple synthesis of bimetallic AuPd dendritic alloyed nanocrystals with enhanced electrocatalytic performance for hydrazine oxidation reaction. <i>Electrochimica Acta</i> , 2016, 190, 872-878.	2.6	40
220	Microwave-assisted synthesis of N,P-doped carbon dots for fluorescent cell imaging. <i>Mikrochimica Acta</i> , 2016, 183, 821-826.	2.5	97
221	Simple wet-chemical synthesis of core-shell Au@Pd nanocrystals and their improved electrocatalytic activity for ethylene glycol oxidation reaction. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 2547-2553.	3.8	60
222	A single-step route for large-scale synthesis of core-shell palladium@platinum dendritic nanocrystals/reduced graphene oxide with enhanced electrocatalytic properties. <i>Journal of Power Sources</i> , 2016, 302, 394-401.	4.0	72
223	Electrochemical sensor for nitrite using a glassy carbon electrode modified with gold-copper nanochain networks. <i>Mikrochimica Acta</i> , 2016, 183, 791-797.	2.5	75
224	One-pot surfactant-free synthesis of porous PtAu alloyed nanoflowers with enhanced electrocatalytic activity for ethanol oxidation and oxygen reduction reactions. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 1645-1653.	3.8	54
225	One-pot solvothermal synthesis of bimetallic core-shell Ni@PtNi nanocrystals supported on reduced graphene oxide and their excellent catalytic properties for p-nitrophenol reduction. <i>New Journal of Chemistry</i> , 2016, 40, 2315-2320.	1.4	36
226	One-step wet-chemical synthesis of gold nanoflower chains as highly active surface-enhanced Raman scattering substrates. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 937-944.	4.0	32
227	Oligonucleotide-assisted successive coreduction synthesis of dendritic platinum@gold core-shell alloy nanocrystals with improved electrocatalytic performance for methanol oxidation. <i>Journal of Power Sources</i> , 2016, 302, 140-145.	4.0	31
228	Green and facile synthesis of l-carnosine protected fluorescent gold nanoclusters for cellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 40-44.	4.0	25
229	One-step green synthesis of fluorescent bimetallic Au/Ag nanoclusters for temperature sensing and in vitro detection of Fe ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 550-556.	4.0	97
230	Facile Synthesis of Rambutan-Like ZnO Hierarchical Hollow Microspheres with Highly Photocatalytic Activity. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	1.5	5
231	A Simple and Facile Solvothermal Synthesis of Hierarchical PbS Microstars with Multidendritic Arms and Their Optical Properties. <i>Journal of Nanoscience</i> , 2015, 2015, 1-9.	2.6	5
232	One-pot synthesis of porous Pt@Au nanodendrites supported on reduced graphene oxide nanosheets toward catalytic reduction of 4-nitrophenol. <i>Journal of Materials Chemistry A</i> , 2015, 3, 290-296.	5.2	212
233	Nonenzymatic amperometric sensing of glucose using a glassy carbon electrode modified with a nanocomposite consisting of reduced graphene oxide decorated with Cu ₂ O nanoclusters. <i>Mikrochimica Acta</i> , 2015, 182, 1701-1708.	2.5	34
234	Cu(ii)@Luviset clear as recyclable catalyst for the formation of C-C bond in homo-coupling of terminal alkynes. <i>RSC Advances</i> , 2015, 5, 96372-96376.	1.7	5

#	ARTICLE	IF	CITATIONS
235	Facile synthesis of platinum-gold alloyed string-bead nanochain networks with the assistance of allantoin and their enhanced electrocatalytic performance for oxygen reduction and methanol oxidation reactions. <i>Journal of Power Sources</i> , 2015, 276, 357-364.	4.0	46
236	Facile synthesis of N, S-codoped fluorescent carbon nanodots for fluorescent resonance energy transfer recognition of methotrexate with high sensitivity and selectivity. <i>Biosensors and Bioelectronics</i> , 2015, 64, 517-522.	5.3	100
237	Biomolecule-assisted synthesis of porous PtPd alloyed nanoflowers supported on reduced graphene oxide with highly electrocatalytic performance for ethanol oxidation and oxygen reduction. <i>Electrochimica Acta</i> , 2015, 160, 100-107.	2.6	49
238	Facile synthesis of three-dimensional Pt-Pd alloyed multipods with enhanced electrocatalytic activity and stability for ethylene glycol oxidation. <i>Nanoscale</i> , 2015, 7, 5699-5705.	2.8	50
239	A general strategy for the facile synthesis of AuM (M = Pt/Pd) alloyed flowerlike-assembly nanochains for enhanced oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5352-5359.	5.2	48
240	Facile synthesis of porous bimetallic alloyed PdAg nanoflowers supported on reduced graphene oxide for simultaneous detection of ascorbic acid, dopamine, and uric acid. <i>Analyst</i> , 2015, 140, 3183-3192.	1.7	87
241	Simple electrodeposition of hierarchical gold-platinum nanothorns and their applications in electrocatalysis and SERS. <i>Electrochimica Acta</i> , 2015, 160, 235-243.	2.6	11
242	One-pot synthesis of platinum-palladium-cobalt alloyed nanoflowers with enhanced electrocatalytic activity for ethylene glycol oxidation. <i>Electrochimica Acta</i> , 2015, 164, 323-329.	2.6	68
243	A glassy carbon electrode modified with porous gold nanosheets for simultaneous determination of dopamine and acetaminophen. <i>Mikrochimica Acta</i> , 2015, 182, 589-595.	2.5	60
244	Fabrication of CoFe ₂ O ₄ -graphene nanocomposite and its application in the magnetic solid phase extraction of sulfonamides from milk samples. <i>Talanta</i> , 2015, 144, 1279-1286.	2.9	83
245	Novel phenol biosensor based on laccase immobilized on reduced graphene oxide supported palladium-copper alloyed nanocages. <i>Biosensors and Bioelectronics</i> , 2015, 74, 347-352.	5.3	86
246	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.	5.2	26
247	L-Arginine-assisted electrochemical fabrication of hierarchical gold dendrites with improved electrocatalytic activity. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 3185-3193.	1.2	5
248	Simple wet-chemical synthesis of alloyed PdAu nanochain networks with improved electrocatalytic properties. <i>Electrochimica Acta</i> , 2015, 176, 86-95.	2.6	36
249	One-pot wet-chemical co-reduction synthesis of bimetallic gold-platinum nanochains supported on reduced graphene oxide with enhanced electrocatalytic activity. <i>Journal of Power Sources</i> , 2015, 287, 363-369.	4.0	44
250	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.	5.2	65
251	Enhanced catalytic performance of Pd-Pt nanodendrites for ligand-free Suzuki cross-coupling reactions. <i>RSC Advances</i> , 2015, 5, 28467-28473.	1.7	23
252	Green preparation of carbon dots by Jinhua bergamot for sensitive and selective fluorescent detection of Hg ²⁺ and Fe ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2015, 214, 29-35.	4.0	240

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253	Facile preparation of reduced graphene oxide supported PtNi alloyed nanosnowflakes with high catalytic activity. <i>RSC Advances</i> , 2015, 5, 35551-35557.	1.7	21
254	Facile large-scale synthesis of Au@Pt alloyed nanowire networks as efficient electrocatalysts for methanol oxidation and oxygen reduction reactions. <i>RSC Advances</i> , 2015, 5, 87061-87068.	1.7	27
255	One-step melamine-assisted synthesis of graphene-supported AuPt@Au nanocrystals for enhanced catalytic reduction of p-nitrophenol. <i>RSC Advances</i> , 2015, 5, 96028-96033.	1.7	31
256	Metformin mediated facile synthesis of AuPt alloyed nanochains with enhanced electrocatalytic properties for alcohol oxidation. <i>Electrochimica Acta</i> , 2015, 182, 305-311.	2.6	18
257	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. <i>Mikrochimica Acta</i> , 2015, 182, 2427-2434.	2.5	27
258	Electrochemical determination of bisphenol A with a glassy carbon electrode modified with gold nanodendrites. <i>Mikrochimica Acta</i> , 2015, 182, 703-709.	2.5	30
259	A simple and controlled electrochemical deposition route to urchin-like Pd nanoparticles with enhanced electrocatalytic properties. <i>Journal of Electroanalytical Chemistry</i> , 2015, 738, 1-7.	1.9	17
260	Simple synthesis of worm-like Au@Pd nanostructures supported on reduced graphene oxide for highly sensitive detection of nitrite. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 468-474.	4.0	99
261	Facile synthesis of oxygen and sulfur co-doped graphitic carbon nitride fluorescent quantum dots and their application for mercury(^{II}) detection and bioimaging. <i>Journal of Materials Chemistry C</i> , 2015, 3, 73-78.	2.7	284
262	Facile Solvothermal Synthesis of BiOCl/ZnO Heterostructures with Enhanced Photocatalytic Activity. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-9.	1.5	4
263	Pollutant removal and membrane fouling in an anaerobic submerged membrane bioreactor for real sewage treatment. <i>Water Science and Technology</i> , 2014, 69, 1712-1719.	1.2	40
264	Simple synthesis of bimetallic alloyed Pd@Au nanochain networks supported on reduced graphene oxide for enhanced oxygen reduction reaction. <i>RSC Advances</i> , 2014, 4, 52640-52646.	1.7	24
265	Ionic liquid crystal-assisted synthesis of PtAg nanoflowers on reduced graphene oxide and their enhanced electrocatalytic activity toward oxygen reduction reaction. <i>Electrochimica Acta</i> , 2014, 133, 407-413.	2.6	45
266	Facile synthesis of porous Pt@Pd nanospheres supported on reduced graphene oxide nanosheets for enhanced methanol electrooxidation. <i>Journal of Power Sources</i> , 2014, 247, 213-218.	4.0	136
267	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. <i>Mikrochimica Acta</i> , 2014, 181, 389-394.	2.5	13
268	Facile synthesis of hierarchical dendritic PtPd nanogardlands supported on reduced graphene oxide with enhanced electrocatalytic properties. <i>Nanoscale</i> , 2014, 6, 5708-5713.	2.8	87
269	Urea assisted electrochemical synthesis of flower-like platinum arrays with high electrocatalytic activity. <i>Electrochimica Acta</i> , 2014, 123, 227-232.	2.6	26
270	Simultaneous determination of dopamine and uric acid in the presence of ascorbic acid using Pt nanoparticles supported on reduced graphene oxide. <i>Electrochimica Acta</i> , 2014, 115, 109-115.	2.6	228

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271	Facile synthesis of monodisperse porous Cu ₂ O nanospheres on reduced graphene oxide for non-enzymatic amperometric glucose sensing. <i>Electrochimica Acta</i> , 2014, 115, 103-108.	2.6	105
272	Simple synthesis of hollow Pt@Pd nanospheres supported on reduced graphene oxide for enhanced methanol electrooxidation. <i>Journal of Power Sources</i> , 2014, 254, 119-125.	4.0	61
273	A simple one-pot strategy to platinum@palladium@palladium core-shell nanostructures with high electrocatalytic activity. <i>Journal of Power Sources</i> , 2014, 265, 231-238.	4.0	39
274	Facile synthesis of MnO ₂ @Ag hollow microspheres with sheet-like subunits and their catalytic properties. <i>CrystEngComm</i> , 2014, 16, 863-869.	1.3	12
275	Facile and green synthesis of photoluminescent carbon nanoparticles for cellular imaging. <i>New Journal of Chemistry</i> , 2014, 38, 784.	1.4	106
276	One-step, seedless wet-chemical synthesis of gold@palladium nanoflowers supported on reduced graphene oxide with enhanced electrocatalytic properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18177-18183.	5.2	60
277	Branched platinum-on-palladium bimetallic heteronanostructures supported on reduced graphene oxide for highly efficient oxygen reduction reaction. <i>Journal of Power Sources</i> , 2014, 272, 1078-1085.	4.0	31
278	Facile synthesis of water-soluble and biocompatible fluorescent nitrogen-doped carbon dots for cell imaging. <i>Analyst</i> , The, 2014, 139, 1692-1696.	1.7	126
279	Facile synthesis of ultrathin worm-like Au nanowires for highly active SERS substrates. <i>New Journal of Chemistry</i> , 2014, 38, 3395-3400.	1.4	19
280	Green synthesis of peptide-templated fluorescent copper nanoclusters for temperature sensing and cellular imaging. <i>Analyst</i> , The, 2014, 139, 6536-6541.	1.7	109
281	A facile, green, and solvent-free route to nitrogen@sulfur-codoped fluorescent carbon nanoparticles for cellular imaging. <i>RSC Advances</i> , 2014, 4, 11872-11875.	1.7	51
282	Green Synthesis of Fluorescent Carbon Quantum Dots for Detection of Hg ²⁺ . <i>Chinese Journal of Analytical Chemistry</i> , 2014, 42, 1252-1258.	0.9	68
283	Solvent-free synthesis of sulfur- and nitrogen-co-doped fluorescent carbon nanoparticles from glutathione for highly selective and sensitive detection of mercury(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 741-747.	4.0	95
284	Simple synthesis of platinum@palladium nanoflowers on reduced graphene oxide and their enhanced catalytic activity for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2014, 269, 136-143.	4.0	29
285	One-pot synthesis of monodisperse palladium@copper nanocrystals supported on reduced graphene oxide nanosheets with improved catalytic activity and methanol tolerance for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2014, 269, 104-110.	4.0	70
286	Facile synthesis of bimetallic alloyed Pt-Pd nanocubes on reduced graphene oxide with enhanced electrocatalytic properties. <i>Electrochimica Acta</i> , 2014, 143, 36-43.	2.6	30
287	Facile synthesis of Pt@Pd nanodendrites and their superior electrocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4384-4390.	5.2	93
288	One-pot synthesis of reduced graphene oxide supported hollow Ag@Pt core-shell nanospheres with enhanced electrocatalytic activity for ethylene glycol oxidation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3445.	5.2	101

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289	Popcorn-like PtAu nanoparticles supported on reduced graphene oxide: Facile synthesis and catalytic applications. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8386-8395.	5.2	74
290	Cytosine-assisted synthesis of gold nanochains and gold nanoflowers for the construction of a microperoxidase-11 based amperometric biosensor for hydrogen peroxide. <i>Mikrochimica Acta</i> , 2014, 181, 1239-1247.	2.5	9
291	Facile controlled synthesis of MnO ₂ nanowires for supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 2521-2527.	1.2	13
292	Facile synthesis of Pd nanochains with enhanced electrocatalytic performance for formic acid oxidation. <i>Electrochimica Acta</i> , 2014, 130, 446-452.	2.6	40
293	Rapid room-temperature synthesis of Pd nanodendrites on reduced graphene oxide for catalytic oxidation of ethylene glycol and glycerol. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 3730-3738.	3.8	90
294	Simple one-pot synthesis of platinum-palladium nanoflowers with enhanced catalytic activity and methanol-tolerance for oxygen reduction in acid media. <i>Electrochimica Acta</i> , 2014, 137, 431-438.	2.6	39
295	Facile synthesis of reduced graphene oxide supported PtAg nanoflowers and their enhanced electrocatalytic activity. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 3211-3218.	3.8	40
296	A facile general strategy for synthesis of palladium-based bimetallic alloyed nanodendrites with enhanced electrocatalytic performance for methanol and ethylene glycol oxidation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12899-12906.	5.2	70
297	Green synthesis of core-shell gold-palladium@palladium nanocrystals dispersed on graphene with enhanced catalytic activity toward oxygen reduction and methanol oxidation in alkaline media. <i>Journal of Power Sources</i> , 2014, 262, 270-278.	4.0	130
298	One-pot synthesis of platinum-cobalt nanoflowers with enhanced oxygen reduction and methanol oxidation. <i>Journal of Power Sources</i> , 2014, 268, 744-751.	4.0	92
299	Caffeine-assisted facile synthesis of platinum-palladium core-shell nanoparticles supported on reduced graphene oxide with enhanced electrocatalytic activity for methanol oxidation. <i>Electrochimica Acta</i> , 2014, 142, 343-350.	2.6	63
300	Facile synthesis of platinum-ruthenium nanodendrites supported on reduced graphene oxide with enhanced electrocatalytic properties. <i>Journal of Power Sources</i> , 2014, 266, 259-267.	4.0	34
301	Simple one-pot preparation of Pd-on-Cu nanocrystals supported on reduced graphene oxide for enhanced ethanol electrooxidation. <i>Electrochimica Acta</i> , 2014, 132, 551-560.	2.6	44
302	Shaped-controlled electrosynthesis of gold nanodendrites for highly selective and sensitive SERS detection of formaldehyde. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 92-99.	4.0	51
303	Facile Synthesis of PdPt@Pt Nanorings Supported on Reduced Graphene Oxide with Enhanced Electrocatalytic Properties. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10549-10555.	4.0	81
304	Monodisperse Au-Pd bimetallic alloyed nanoparticles supported on reduced graphene oxide with enhanced electrocatalytic activity towards oxygen reduction reaction. <i>Electrochimica Acta</i> , 2014, 136, 521-528.	2.6	90
305	Green synthesis of porous flower-like palladium with high electrocatalytic activity towards methanol oxidation. <i>RSC Advances</i> , 2013, 3, 10355.	1.7	31
306	Ultra-Preconcentration and Determination of Multiple Pesticide Residues in Water Samples Using Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction and GC-FID. <i>Chromatographia</i> , 2013, 76, 671-678.	0.7	10

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307	Sensitive and selective colorimetric detection of cadmium(II) using gold nanoparticles modified with 4-amino-3-hydrazino-5-mercapto-1,2,4-triazole. <i>Mikrochimica Acta</i> , 2013, 180, 1051-1057.	2.5	74
308	Hierarchical wheat-like Au@Pd heterostructures with enhanced catalytic activity toward methanol electrooxidation. <i>Journal of Alloys and Compounds</i> , 2013, 581, 717-723.	2.8	11
309	Facile and controlled electrochemical route to three-dimensional hierarchical dendritic gold nanostructures. <i>Electrochimica Acta</i> , 2013, 109, 136-144.	2.6	51
310	A new insight into membrane fouling mechanism in submerged membrane bioreactor: Osmotic pressure during cake layer filtration. <i>Water Research</i> , 2013, 47, 2777-2786.	5.3	117
311	Water-soluble homo-oligonucleotide stabilized fluorescent silver nanoclusters as fluorescent probes for mercury ion. <i>Mikrochimica Acta</i> , 2013, 180, 1287-1293.	2.5	18
312	A study on the direct electrochemistry and electrocatalysis of microperoxidase-11 immobilized on a porous network-like gold film: Sensing of hydrogen peroxide. <i>Mikrochimica Acta</i> , 2013, 180, 581-587.	2.5	6
313	Sensitive detection of mercury (II) ion using water-soluble captopril-stabilized fluorescent gold nanoparticles. <i>Materials Science and Engineering C</i> , 2013, 33, 2664-2668.	3.8	12
314	Polyinosinic acid-stabilized fluorescent silver nanoclusters for sensitive detection of biological thiols. <i>Analytical Methods</i> , 2013, 5, 6076.	1.3	12
315	Facile synthesis of a porous network-like silver film for electrocatalytic detection of nitrate. <i>Mikrochimica Acta</i> , 2013, 180, 1495-1500.	2.5	12
316	Iron(III) ion-supported electrosynthesis of urchin-like gold arrays. <i>Electrochimica Acta</i> , 2013, 108, 390-397.	2.6	19
317	Facile synthesis of uniform Pt nanoparticles on polydopamine-reduced graphene oxide and their electrochemical sensing. <i>Electrochimica Acta</i> , 2013, 112, 127-132.	2.6	46
318	One-pot green synthesis of nitrogen-doped carbon nanoparticles as fluorescent probes for mercury ions. <i>RSC Advances</i> , 2013, 3, 21691.	1.7	295
319	Caffeine assisted one-step synthesis of flower-like gold nanochains and their catalytic behaviors. <i>RSC Advances</i> , 2013, 3, 14766.	1.7	26
320	Peptide-templated synthesis of wavelength-tunable fluorescent gold nanoparticles. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4720.	2.7	39
321	Author's responses to the comment by Seong-Hoon Yoon on "A new insight into membrane fouling mechanism in submerged membrane bioreactor: Osmotic pressure during cake layer filtration" published in <i>Water Research</i> , vol. 47, pp. 2777-2786, 2013. <i>Water Research</i> , 2013, 47, 4790-4791.	5.3	3
322	D-penicillamine assisted hydrothermal synthesis of Bi ₂ S ₃ nanoflowers and their electrochemical application. <i>Materials Science and Engineering C</i> , 2013, 33, 3980-3985.	3.8	21
323	N-methylimidazole-assisted electrodeposition of Au porous textile-like sheet arrays and its application to electrocatalysis. <i>Electrochimica Acta</i> , 2013, 102, 312-318.	2.6	40
324	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.	5.0	35

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325	Control growth of single crystalline ZnO nanorod arrays and nanoflowers with enhanced photocatalytic activity. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	8
326	Facile synthesis of porous worm-like Pd nanotubes with high electrocatalytic activity and stability towards ethylene glycol oxidation. <i>Nanoscale</i> , 2013, 5, 6754.	2.8	35
327	Single Molecular Functionalized Gold Nanoparticles for Hydrogen-Bonding Recognition and Colorimetric Detection of Dopamine with High Sensitivity and Selectivity. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1226-1231.	4.0	163
328	Solvothermal synthesis of Cu/Cu ₂ O hollow microspheres for non-enzymatic amperometric glucose sensing. <i>CrystEngComm</i> , 2012, 14, 1289-1295.	1.3	106
329	Apple pectin-mediated green synthesis of hollow double-caged peanut-like ZnO hierarchical superstructures and photocatalytic applications. <i>CrystEngComm</i> , 2012, 14, 256-263.	1.3	53
330	Melamine assisted one-pot synthesis of Au nanoflowers and their catalytic activity towards p-nitrophenol. <i>New Journal of Chemistry</i> , 2012, 36, 2286.	1.4	40
331	d-Penicillamine-Assisted Self-Assembly of Hierarchical PbS Microstars with Octa-Symmetric-Dendritic Arms. <i>Crystal Growth and Design</i> , 2012, 12, 832-841.	1.4	19
332	Amperometric glucose sensor based on enhanced catalytic reduction of oxygen using glucose oxidase adsorbed onto core-shell Fe ₃ O ₄ @silica@Au magnetic nanoparticles. <i>Materials Science and Engineering C</i> , 2012, 32, 1640-1647.	3.8	43
333	Large-scale electrosynthesis of Pd nanodendrites and their improved electrocatalytic properties for methanol oxidation. <i>Electrochimica Acta</i> , 2012, 85, 685-692.	2.6	26
334	On-line immobilized acetylcholinesterase microreactor for screening of inhibitors from natural extracts by capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2397-2405.	1.9	44
335	One-step synthesis of monodisperse polydopamine-coated silver core-shell nanostructures for enhanced photocatalysis. <i>New Journal of Chemistry</i> , 2012, 36, 148-154.	1.4	98
336	Low-Potential Synthesis of Clean Au Nanodendrites and Their High Performance toward Ethanol Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2570-2576.	4.0	101
337	Facile synthesis of ultra-long Cu microdendrites for the electrochemical detection of glucose. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1313-1321.	1.2	22
338	In situ synthesis of polydopamine-Ag hollow microspheres for hydrogen peroxide sensing. <i>Electrochimica Acta</i> , 2012, 61, 31-35.	2.6	40
339	Electrochemical determination of dioxygen and hydrogen peroxide using Fe ₃ O ₄ @SiO ₂ @hemin microparticles. <i>Mikrochimica Acta</i> , 2012, 176, 201-208.	2.5	17
340	Mannite supported hydrothermal synthesis of hollow flower-like ZnO structures for photocatalytic applications. <i>CrystEngComm</i> , 2011, 13, 4202.	1.3	62
341	Electrodeposition of monodispersed platinum nanoparticles on a glassy carbon electrode for sensing methanol. <i>Mikrochimica Acta</i> , 2011, 173, 383-389.	2.5	17
342	Hydrogen peroxide sensor based on glassy carbon electrode modified with γ -manganese dioxide nanorods. <i>Mikrochimica Acta</i> , 2011, 175, 31-37.	2.5	62

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343	One-pot hydrothermal synthesis of uniform MnO_2 nanorods for nitrite sensing. <i>Journal of Colloid and Interface Science</i> , 2011, 359, 1-8.	5.0	42
344	Hydrophilic biopolymer grafted on poly(dimethylsiloxane) surface for microchip electrophoresis. <i>Analytica Chimica Acta</i> , 2010, 658, 75-80.	2.6	23
345	In-situ decorated gold nanoparticles on polyaniline with enhanced electrocatalysis toward dopamine. <i>Mikrochimica Acta</i> , 2010, 171, 431-436.	2.5	52
346	Partial filling affinity capillary electrophoresis with cationic poly(vinylpyrrolidone)-based copolymer coatings for studies on human lipoprotein α 2-steroid interactions. <i>Analytical Biochemistry</i> , 2010, 399, 93-101.	1.1	17
347	Spermine-graft-dextran non-covalent copolymer as coating material in separation of basic proteins and neurotransmitters by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2010, 1217, 5130-5136.	1.8	46
348	Noncovalent poly(1-vinylpyrrolidone)-based copolymer coating for the separation of basic proteins and lipoproteins by CE. <i>Electrophoresis</i> , 2009, 30, 3939-3946.	1.3	25
349	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.	1.8	46
350	Enhanced Microchip Electrophoresis of Neurotransmitters on Glucose Oxidase Modified Poly(dimethylsiloxane) Microfluidic Devices. <i>Electroanalysis</i> , 2007, 19, 674-680.	1.5	13
351	Electrochemical detection modes for microchip capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 125-132.	5.8	58
352	In-situ grafting hydrophilic polymer on chitosan modified poly(dimethylsiloxane) microchip for separation of biomolecules. <i>Journal of Chromatography A</i> , 2007, 1147, 120-126.	1.8	63
353	The use of poly(dimethylsiloxane) surface modification with gold nanoparticles for the microchip electrophoresis. <i>Talanta</i> , 2006, 69, 210-215.	2.9	72
354	Nonionic surfactant dynamic coating of poly(dimethylsiloxane) channel surface for microchip electrophoresis of amino acids. <i>Analytica Chimica Acta</i> , 2006, 569, 188-194.	2.6	35
355	Proteins modification of poly(dimethylsiloxane) microfluidic channels for the enhanced microchip electrophoresis. <i>Journal of Chromatography A</i> , 2006, 1107, 257-264.	1.8	62
356	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, , .	2.5	16