Feifei Zhang

List of Publications by Year
in descending order

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34 papers	1,566 citations	257357 24 h-index	345118 36 g-index
36 all docs	36 docs citations	36 times ranked	2293 citing authors

#	Article	IF	Citations
1	Aptamer and bifunctional enzyme co-functionalized MOF-derived porous carbon for low-background electrochemical aptasensing. Analytical and Bioanalytical Chemistry, 2021, 413, 6303-6312.	1.9	16
2	Enhanced Cathodic Electrochemiluminescence of Luminol on Iron Electrodes. Analytical Chemistry, 2021, 93, 16425-16431.	3.2	29
3	Competitive electrochemical aptasensor based on a cDNA-ferrocene/MXene probe for detection of breast cancer marker Mucin1. Analytica Chimica Acta, 2020, 1094, 18-25.	2.6	115
4	Promoting Nanozyme Cascade Bioplatform by ZIF-Derived N-Doped Porous Carbon Nanosheet-based Protein/Bimetallic Nanoparticles for Tandem Catalysis. ACS Applied Bio Materials, 2020, 3, 664-672.	2.3	25
5	Flexible enzyme cascade sensing platform based on a G-quadruplex nanofiber biohydrogel for target colorimetric sensing. Analytica Chimica Acta, 2020, 1140, 10-17.	2.6	10
6	Simple homogeneous electrochemical target-responsive aptasensor based on aptamer bio-gated and porous carbon nanocontainer derived from ZIF-8. Biosensors and Bioelectronics, 2020, 166, 112448.	5.3	38
7	High-efficiency artificial enzyme cascade bio-platform based on MOF-derived bimetal nanocomposite for biosensing. Talanta, 2020, 220, 121374.	2.9	46
8	PtNi Nanoparticles Loading on Sandwich-Like Hybrid Nanocarbon Support for Methanol Oxidation. ECS Journal of Solid State Science and Technology, 2020, 9, 101005.	0.9	1
9	Au nanoparticles supported on functionalized two-dimensional titanium carbide for the sensitive detection of nitrite. New Journal of Chemistry, 2019, 43, 2464-2470.	1.4	33
10	A hybrid material composed of reduced graphene oxide and porous carbon prepared by carbonization of a zeolitic imidazolate framework (type ZIF-8) for voltammetric determination of chloramphenicol. Mikrochimica Acta, 2019, 186, 191.	2.5	49
11	A Novel Electrochemical Sensor Based on Copperâ€based Metalâ€Organic Framework for the Determination of Dopamine. Journal of the Chinese Chemical Society, 2018, 65, 743-749.	0.8	45
12	A graphene oxide-based label-free electrochemical aptasensor for the detection of alpha-fetoprotein. Biosensors and Bioelectronics, 2018, 112, 186-192.	5.3	123
13	Preparation of a Pt/NiFe layered double hydroxide/reduced graphene oxide composite as an electrocatalyst for methanol oxidation. Journal of Electroanalytical Chemistry, 2018, 818, 198-203.	1.9	37
14	An electrochemical sensor based on copper-based metal-organic frameworks-graphene composites for determination of dihydroxybenzene isomers in water. Talanta, 2018, 181, 80-86.	2.9	139
15	One-step synthesis of aÂMethylene Blue@ZIF-8-reduced graphene oxide nanocomposite and its application to electrochemical sensing of rutin. Mikrochimica Acta, 2018, 185, 279.	2.5	25
16	A Sensor Based on Au Nanoparticles/Carbon Nitride/Graphene Composites for the Detection of Chloramphenicol and Ciprofloxacin. ECS Journal of Solid State Science and Technology, 2018, 7, M201-M208.	0.9	44
17	Nitrogen-Doped Carbon Nanotubes Encapsulated Cobalt Nanoparticles Hybrids for Highly Efficient Catalysis of Oxygen Reduction Reaction. Journal of the Electrochemical Society, 2018, 165, J3052-J3058.	1.3	12
18	MOF-Derived Porous Ni₂P/Graphene Composites with Enhanced Electrochemical Properties for Sensitive Nonenzymatic Glucose Sensing. ACS Applied Materials & Interfaces, 2018, 10, 39151-39160.	4.0	115

#	Article	IF	Citations
19	A dual-channel homogeneous aptasensor combining colorimetric with electrochemical strategy for thrombin. Biosensors and Bioelectronics, 2018, 120, 15-21.	5.3	37
20	Self-Assembled Ionic Liquid-Phosphomolybdic Acid/Reduced Graphene Oxide Composite Modified Electrode for Sensitive Determination of Dopamine. ECS Journal of Solid State Science and Technology, 2017, 6, M3014-M3018.	0.9	3
21	In Situ Growth of Three-Dimensional Graphene Films for Signal-On Electrochemical Biosensing of Various Analytes. Analytical Chemistry, 2016, 88, 10667-10674.	3.2	62
22	Lable-free quadruple signal amplification strategy for sensitive electrochemical p53 gene biosensing. Biosensors and Bioelectronics, 2016, 77, 157-163.	5.3	29
23	Sodium Alginate Decorated Carbon Nanotubes-Graphene Composite Aerogel for Heavy Metal Ions Detection. Electrochemistry, 2015, 83, 84-90.	0.6	24
24	Single electrode biosensor for simultaneous determination of interferon gamma and lysozyme. Biosensors and Bioelectronics, 2015, 68, 55-61.	5.3	47
25	Ag2Te quantum dots with compact surface coatings of multivalent polymers: Ambient one-pot aqueous synthesis and the second near-infrared bioimaging. Colloids and Surfaces B: Biointerfaces, 2015, 126, 115-120.	2.5	41
26	A label-free immunosensor for detecting common acute lymphoblastic leukemia antigen (CD10) based on gold nanoparticles by quartz crystal microbalance. Sensors and Actuators B: Chemical, 2015, 210, 248-253.	4.0	31
27	Aptamer-functionalized hydrogel as effective anti-cancer drugs delivery agents. Colloids and Surfaces B: Biointerfaces, 2015, 134, 40-46.	2.5	24
28	An electrochemical sensor for the sensitive detection of rutin based on a novel composite of activated silica gel and graphene. RSC Advances, 2015, 5, 39131-39137.	1.7	23
29	Molecularly imprinted electrochemical sensor based on an electrode modified with an imprinted pyrrole film immobilized on a Î²-cyclodextrin/gold nanoparticles/graphene layer. RSC Advances, 2015, 5, 82930-82935.	1.7	22
30	Electrodeposition of PtNi bimetallic nanoparticles on three-dimensional graphene for highly efficient methanol oxidation. RSC Advances, 2015, 5, 86578-86583.	1.7	21
31	An ionic liquid-modified graphene based molecular imprinting electrochemical sensor for sensitive detection of bovine hemoglobin. Biosensors and Bioelectronics, 2014, 61, 391-396.	5.3	115
32	Hybrid graphene electrodes for supercapacitors of high energy density. Chemical Physics Letters, 2013, 584, 124-129.	1.2	49
33	Grapheneâ€“carbon nanotube composite aerogel for selective detection of uric acid. Chemical Physics Letters, 2013, 590, 121-125.	1.2	36
34	Synthesis and characterization of graphene hollow spheres for application in supercapacitors. Journal of Materials Chemistry A, 2013, 1, 15423.	5.2	84