

Feifei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4198321/publications.pdf>

Version: 2024-02-01

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	An electrochemical sensor based on copper-based metal-organic frameworks-graphene composites for determination of dihydroxybenzene isomers in water. <i>Talanta</i> , 2018, 181, 80-86.	2.9	139
2	A graphene oxide-based label-free electrochemical aptasensor for the detection of alpha-fetoprotein. <i>Biosensors and Bioelectronics</i> , 2018, 112, 186-192.	5.3	123
3	An ionic liquid-modified graphene based molecular imprinting electrochemical sensor for sensitive detection of bovine hemoglobin. <i>Biosensors and Bioelectronics</i> , 2014, 61, 391-396.	5.3	115
4	MOF-Derived Porous Ni ₂ P/Graphene Composites with Enhanced Electrochemical Properties for Sensitive Nonenzymatic Glucose Sensing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39151-39160.	4.0	115
5	Competitive electrochemical aptasensor based on a cDNA-ferrocene/MXene probe for detection of breast cancer marker Mucin1. <i>Analytica Chimica Acta</i> , 2020, 1094, 18-25.	2.6	115
6	Synthesis and characterization of graphene hollow spheres for application in supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15423.	5.2	84
7	In Situ Growth of Three-Dimensional Graphene Films for Signal-On Electrochemical Biosensing of Various Analytes. <i>Analytical Chemistry</i> , 2016, 88, 10667-10674.	3.2	62
8	Hybrid graphene electrodes for supercapacitors of high energy density. <i>Chemical Physics Letters</i> , 2013, 584, 124-129.	1.2	49
9	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. <i>Mikrochimica Acta</i> , 2019, 186, 191.	2.5	49
10	Single electrode biosensor for simultaneous determination of interferon gamma and lysozyme. <i>Biosensors and Bioelectronics</i> , 2015, 68, 55-61.	5.3	47
11	High-efficiency artificial enzyme cascade bio-platform based on MOF-derived bimetal nanocomposite for biosensing. <i>Talanta</i> , 2020, 220, 121374.	2.9	46
12	A Novel Electrochemical Sensor Based on Copper-based Metal-Organic Framework for the Determination of Dopamine. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 743-749.	0.8	45
13	A Sensor Based on Au Nanoparticles/Carbon Nitride/Graphene Composites for the Detection of Chloramphenicol and Ciprofloxacin. <i>ECS Journal of Solid State Science and Technology</i> , 2018, 7, M201-M208.	0.9	44
14	Ag ₂ Te quantum dots with compact surface coatings of multivalent polymers: Ambient one-pot aqueous synthesis and the second near-infrared bioimaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 115-120.	2.5	41
15	Simple homogeneous electrochemical target-responsive aptasensor based on aptamer bio-gated and porous carbon nanocontainer derived from ZIF-8. <i>Biosensors and Bioelectronics</i> , 2020, 166, 112448.	5.3	38
16	Preparation of a Pt/NiFe layered double hydroxide/reduced graphene oxide composite as an electrocatalyst for methanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2018, 818, 198-203.	1.9	37
17	A dual-channel homogeneous aptasensor combining colorimetric with electrochemical strategy for thrombin. <i>Biosensors and Bioelectronics</i> , 2018, 120, 15-21.	5.3	37
18	Graphene-carbon nanotube composite aerogel for selective detection of uric acid. <i>Chemical Physics Letters</i> , 2013, 590, 121-125.	1.2	36

#	ARTICLE	IF	CITATIONS
19	Au nanoparticles supported on functionalized two-dimensional titanium carbide for the sensitive detection of nitrite. <i>New Journal of Chemistry</i> , 2019, 43, 2464-2470.	1.4	33
20	A label-free immunosensor for detecting common acute lymphoblastic leukemia antigen (CD10) based on gold nanoparticles by quartz crystal microbalance. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 248-253.	4.0	31
21	Label-free quadruple signal amplification strategy for sensitive electrochemical p53 gene biosensing. <i>Biosensors and Bioelectronics</i> , 2016, 77, 157-163.	5.3	29
22	Enhanced Cathodic Electrochemiluminescence of Luminol on Iron Electrodes. <i>Analytical Chemistry</i> , 2021, 93, 16425-16431.	3.2	29
23	One-step synthesis of a Methylene Blue@ZIF-8-reduced graphene oxide nanocomposite and its application to electrochemical sensing of rutin. <i>Mikrochimica Acta</i> , 2018, 185, 279.	2.5	25
24	Promoting Nanozyme Cascade Bioplatfrom by ZIF-Derived N-Doped Porous Carbon Nanosheet-based Protein/Bimetallic Nanoparticles for Tandem Catalysis. <i>ACS Applied Bio Materials</i> , 2020, 3, 664-672.	2.3	25
25	Sodium Alginate Decorated Carbon Nanotubes-Graphene Composite Aerogel for Heavy Metal Ions Detection. <i>Electrochemistry</i> , 2015, 83, 84-90.	0.6	24
26	Aptamer-functionalized hydrogel as effective anti-cancer drugs delivery agents. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 40-46.	2.5	24
27	An electrochemical sensor for the sensitive detection of rutin based on a novel composite of activated silica gel and graphene. <i>RSC Advances</i> , 2015, 5, 39131-39137.	1.7	23
28	Molecularly imprinted electrochemical sensor based on an electrode modified with an imprinted pyrrole film immobilized on a β -cyclodextrin/gold nanoparticles/graphene layer. <i>RSC Advances</i> , 2015, 5, 82930-82935.	1.7	22
29	Electrodeposition of PtNi bimetallic nanoparticles on three-dimensional graphene for highly efficient methanol oxidation. <i>RSC Advances</i> , 2015, 5, 86578-86583.	1.7	21
30	Aptamer and bifunctional enzyme co-functionalized MOF-derived porous carbon for low-background electrochemical aptasensing. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6303-6312.	1.9	16
31	Nitrogen-Doped Carbon Nanotubes Encapsulated Cobalt Nanoparticles Hybrids for Highly Efficient Catalysis of Oxygen Reduction Reaction. <i>Journal of the Electrochemical Society</i> , 2018, 165, J3052-J3058.	1.3	12
32	Flexible enzyme cascade sensing platform based on a G-quadruplex nanofiber biohydrogel for target colorimetric sensing. <i>Analytica Chimica Acta</i> , 2020, 1140, 10-17.	2.6	10
33	Self-Assembled Ionic Liquid-Phosphomolybdic Acid/Reduced Graphene Oxide Composite Modified Electrode for Sensitive Determination of Dopamine. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, M3014-M3018.	0.9	3
34	PtNi Nanoparticles Loading on Sandwich-Like Hybrid Nanocarbon Support for Methanol Oxidation. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 101005.	0.9	1