

Yanyan Niu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

310
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and utilization of Co ₃ O ₄ doped carbon nanofiber for fabrication of hemoglobin-based electrochemical sensor. <i>Materials Science and Engineering C</i> , 2020, 107, 110209.	7.3	53
2	Electrochemical performance of myoglobin based on TiO ₂ -doped carbon nanofiber decorated electrode and its applications in biosensing. <i>RSC Advances</i> , 2019, 9, 4480-4487.	3.6	27
3	Gold Nanocage-Based Electrochemical Sensing Platform for Sensitive Detection of Luteolin. <i>Sensors</i> , 2018, 18, 2309.	3.8	24
4	A direct electron transfer biosensor based on a horseradish peroxidase and gold nanotriangle modified electrode and electrocatalysis. <i>Analytical Methods</i> , 2018, 10, 5297-5304.	2.7	23
5	ZnO-reduced graphene oxide composite based photoelectrochemical aptasensor for sensitive Cd(II) detection with methylene blue as sensitizer. <i>Analytica Chimica Acta</i> , 2020, 1118, 1-8.	5.4	22
6	Voltammetric sensing performances of a carbon ionic liquid electrode modified with black phosphorene and hemin. <i>Mikrochimica Acta</i> , 2019, 186, 304.	5.0	21
7	Electrochemical behavior of horseradish peroxidase on WS ₂ nanosheet modified electrode and electrocatalytic investigation. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1127-1135.	1.4	20
8	A biomass-derived porous carbon-based nanocomposite for voltammetric determination of quercetin. <i>Mikrochimica Acta</i> , 2019, 186, 783.	5.0	18
9	Fabrication of ZIF-67@three-dimensional reduced graphene oxide aerogel nanocomposites and their electrochemical applications for rutin detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 190, 113505.	2.8	18
10	Voltammetric Determination of Metol on a Gold Nanoparticle Modified Carbon Molecular Wire Electrode. <i>Analytical Letters</i> , 2017, 50, 325-335.	1.8	16
11	Electrochemical aptamer sensor for highly sensitive detection of mercury ion with Au/Pt@carbon nanofiber modified electrode. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 114-120.	1.4	16
12	A sensitive electrochemical sensor for detection of rutin based on a gold nanocage modified electrode. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1336-1340.	1.4	15
13	Photoelectrochemical aptasensor for lead(II) by exploiting the CdS nanoparticle-assisted photoactivity of TiO ₂ nanoparticles and by using the quercetin-copper(II) complex as the DNA intercalator. <i>Mikrochimica Acta</i> , 2019, 186, 826.	5.0	12
14	The structural properties of 5-methyl-2-phenyl-2 H -1,2,3-triazole-4- carboxylic acid and chromogenic mechanism on its rhodamine B derivatives to Hg ²⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 200, 127-135.	3.9	10
15	Investigation of the direct electrochemistry and electrocatalysis of myoglobin on gold nanorods modified electrode. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1341-1346.	1.4	7
16	Electrochemical performance and electrocatalytic behavior of myoglobin on graphene tube modified electrode. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1054-1061.	1.4	6
17	Photoelectrochemical biosensor for lead ion determination based on complementary strand aptamers. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 2194-2201.	1.4	1
18	Electrochemical DNA Biosensor Based on Platinum-gold Bimetal Decorated Graphene Modified Electrode for the Detection of <i>Vibrio parahaemolyticus</i> Specific Gene Sequence. <i>Current Analytical Chemistry</i> , 2022, 18, 781-789.	1.2	1