

Behnaz Hatamluyi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

652
citations

687363

13
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

613
citing authors

#	ARTICLE	IF	CITATIONS
1	The first diagnostic test for specific detection of <i>Mycobacterium simiae</i> using an electrochemical label-free DNA nanobiosensor. <i>Talanta</i> , 2022, 238, 123049.	5.5	10
2	Sensitive and specific clinically diagnosis of SARS-CoV-2 employing a novel biosensor based on boron nitride quantum dots/flower-like gold nanostructures signal amplification. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114209.	10.1	30
3	PCR-free electrochemical genosensor for <i>Mycobacterium tuberculosis</i> complex detection based on two-dimensional Ti3C2 Mxene-polypyrrole signal amplification. <i>Microchemical Journal</i> , 2022, 179, 107467.	4.5	13
4	Response surface methodology optimized electrochemical DNA biosensor based on HAPNPTs/PPY/MWCNTs nanocomposite for detecting <i>Mycobacterium tuberculosis</i> . <i>Talanta</i> , 2021, 226, 122099.	5.5	37
5	Improved solid phase extraction for selective and efficient quantification of sunset yellow in different food samples using a novel molecularly imprinted polymer reinforced by Fe3O4@UiO-66-NH2. <i>Food Chemistry</i> , 2021, 357, 129782.	8.2	36
6	Dual-signaling electrochemical ratiometric strategy for simultaneous quantification of anticancer drugs. <i>Talanta</i> , 2021, 234, 122662.	5.5	16
7	A novel molecularly imprinted polymer decorated by CQDs@HBNNS nanocomposite and UiO-66-NH2 for ultra-selective electrochemical sensing of Oxaliplatin in biological samples. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127614.	7.8	53
8	Nanotechnology-driven advances in the treatment of diabetic wounds. <i>Biotechnology and Applied Biochemistry</i> , 2020, , .	3.1	7
9	Carbon Quantum Dots Co-catalyzed with ZnO Nanoflowers and Poly (CTAB) Nanosensor for Simultaneous Sensitive Detection of Paracetamol and Ciprofloxacin in Biological Samples. <i>Electroanalysis</i> , 2020, 32, 1818-1827.	2.9	14
10	Ultra-sensitive molecularly imprinted electrochemical sensor for patulin detection based on a novel assembling strategy using Au@Cu-MOF/N-GQDs. <i>Sensors and Actuators B: Chemical</i> , 2020, 318, 128219.	7.8	121
11	A novel electrochemical sensor based on GQDs-PANI/ZnO-NCs modified glassy carbon electrode for simultaneous determination of Irinotecan and 5-Fluorouracil in biological samples. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 540-549.	7.8	50
12	Quantitative Biodetection of Anticancer Drug Rituxan with DNA Biosensor Modified PAMAM Dendrimer/Reduced Graphene Oxide Nanocomposite. <i>Electroanalysis</i> , 2018, 30, 1659-1668.	2.9	27
13	Electrochemical biosensing platform based on molecularly imprinted polymer reinforced by ZnO-graphene capped quantum dots for 6-mercaptopurine detection. <i>Electrochimica Acta</i> , 2018, 283, 1170-1177.	5.2	45
14	Au/Pd@rGO nanocomposite decorated with poly (L-Cysteine) as a probe for simultaneous sensitive electrochemical determination of anticancer drugs, Ifosfamide and Etoposide. <i>Biosensors and Bioelectronics</i> , 2018, 120, 22-29.	10.1	63
15	Silver nanoparticles decorated polyaniline nanocomposite based electrochemical sensor for the determination of anticancer drug 5-fluorouracil. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 12-19.	2.8	78
16	A layer-by-layer sensing architecture based on dendrimer and ionic liquid supported reduced graphene oxide for simultaneous hollow-fiber solid phase microextraction and electrochemical determination of anti-cancer drug imatinib in biological samples. <i>Journal of Electroanalytical Chemistry</i> , 2017, 801, 439-449.	3.8	52