

Somayeh Mohammadi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

542
citations

933447

10
h-index

1058476

14
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17
all docs

17
docs citations

17
times ranked

792
citing authors

#	ARTICLE	IF	CITATIONS
1	Current advances of carbon dots based biosensors for tumor marker detection, cancer cells analysis and bioimaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 115, 83-99.	11.4	110
2	A FRET immunosensor for sensitive detection of CA 15-3 tumor marker in human serum sample and breast cancer cells using antibody functionalized luminescent carbon-dots and AuNPs-dendrimer aptamer as donor-acceptor pair. <i>Analytical Biochemistry</i> , 2018, 557, 18-26.	2.4	86
3	Functionalized fluorescent carbon nanostructures for targeted imaging of cancer cells: A review. <i>Mikrochimica Acta</i> , 2019, 186, 231.	5.0	81
4	A 3D hydrogel based on chitosan and carbon dots for sensitive fluorescence detection of microRNA-21 in breast cancer cells. <i>Talanta</i> , 2021, 224, 121895.	5.5	56
5	Fluorometric determination of microRNA-155 in cancer cells based on carbon dots and MnO ₂ nanosheets as a donor-acceptor pair. <i>Mikrochimica Acta</i> , 2018, 185, 372.	5.0	38
6	Highly selective and sensitive photometric creatinine assay using silver nanoparticles. <i>Mikrochimica Acta</i> , 2015, 182, 1379-1386.	5.0	37
7	Colorimetric detection of biothiols based on aggregation of chitosan-stabilized silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 27-34.	3.9	30
8	Toxic compounds from tobacco in placenta samples analyzed by UPLC-QTOF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 331-338.	2.8	29
9	Colorimetric detection of Bi (III) in water and drug samples using pyridine-2,6-dicarboxylic acid modified silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 405-411.	3.9	25
10	Carbon dots hybrid for dual fluorescent detection of microRNA-21 integrated bioimaging of MCF-7 using a microfluidic platform. <i>Journal of Nanobiotechnology</i> , 2022, 20, 73.	9.1	25
11	Silver nanoparticles modified with thiomalic acid as a colorimetric probe for determination of cystamine. <i>Mikrochimica Acta</i> , 2017, 184, 253-259.	5.0	9
12	A green microextraction method for determination of sodium dodecyl sulfate in washing liquid samples based on continuous sample drop flow-based microextraction. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1863-1870.	2.2	6
13	A Continuous Sample Drop Flow-Based Microextraction Method for Spectrophotometric Determination of Cobalt with 1-(2-Pyridylazo)-2-Naphthol in Water Samples. <i>Journal of Analytical Chemistry</i> , 2021, 76, 172-179.	0.9	6
14	A Chelation-enhanced Fluorescence Assay using Thiourea Capped Carbonaceous Fluorescent Nanoparticles for As (III) Detection in Water Samples. <i>Journal of Fluorescence</i> , 2022, 32, 145-153.	2.5	3
15	A Turn Off Fluorescence Probe Based on Carbon Dots for Highly Sensitive Detection of BRCA1 Gene in Real Samples and Cellular Imaging. <i>Journal of Fluorescence</i> , 0, , .	2.5	1