

Amina Rhouati

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

818
citations

566801

15
h-index

580395

25
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30
all docs

30
docs citations

30
times ranked

1166
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamers: A Promising Tool for Ochratoxin A Detection in Food Analysis. <i>Toxins</i> , 2013, 5, 1988-2008.	1.5	109
2	Label-Free Aptasensors for the Detection of Mycotoxins. <i>Sensors</i> , 2016, 16, 2178.	2.1	75
3	A Review of the Construction of Nano-Hybrids for Electrochemical Biosensing of Glucose. <i>Biosensors</i> , 2019, 9, 46.	2.3	74
4	Development of an automated flow-based electrochemical aptasensor for on-line detection of Ochratoxin A. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 1160-1166.	4.0	65
5	Recent advances in ochratoxin A-producing fungi detection based on PCR methods and ochratoxin A analysis in food matrices. <i>Food Control</i> , 2012, 26, 401-415.	2.8	61
6	MIP-Based Impedimetric Sensor for Detecting Dengue Fever Biomarker. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 1384-1394.	1.4	57
7	Recent Advances and Achievements in Nanomaterial-Based, and Structure Switchable Aptasensing Platforms for Ochratoxin A Detection. <i>Sensors</i> , 2013, 13, 15187-15208.	2.1	50
8	A perspective on non-enzymatic electrochemical nanosensors for direct detection of pesticides. <i>Current Opinion in Electrochemistry</i> , 2018, 11, 12-18.	2.5	47
9	Nano-Aptasensing in Mycotoxin Analysis: Recent Updates and Progress. <i>Toxins</i> , 2017, 9, 349.	1.5	46
10	Development of an oligosorbent for detection of ochratoxin A. <i>Food Control</i> , 2011, 22, 1790-1796.	2.8	32
11	An Overview of Recent Electrochemical Immunosensing Strategies for Mycotoxins Detection. <i>Electroanalysis</i> , 2016, 28, 1750-1763.	1.5	29
12	Development of a label-free electrochemical aptasensor based on diazonium electrodeposition: Application to cadmium detection in water. <i>Analytical Biochemistry</i> , 2021, 612, 113956.	1.1	27
13	An electrochemical sensor based on TiO ₂ /activated carbon nanocomposite modified screen printed electrode and its performance for phenolic compounds detection in water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 237-246.	1.8	22
14	Selective spectrophotometric detection of insecticides using cholinesterases, phosphotriesterase and chemometric analysis. <i>Enzyme and Microbial Technology</i> , 2010, 46, 212-216.	1.6	21
15	Fabrication of AuNPs/MWCNTs/Chitosan Nanocomposite for the Electrochemical Aptasensing of Cadmium in Water. <i>Sensors</i> , 2022, 22, 105.	2.1	19
16	Electrochemical biosensors combining aptamers and enzymatic activity: Challenges and analytical opportunities. <i>Electrochimica Acta</i> , 2021, 390, 138863.	2.6	17
17	Metal Nanomaterial-Assisted Aptasensors for Emerging Pollutants Detection. , 2018, , 193-231.		12
18	A Simple Fluorescent Aptasensing Platform Based on Graphene Oxide for Dopamine Determination. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 1925-1937.	1.4	11

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19	Analysis of Recent Bio-/Nanotechnologies for Coronavirus Diagnosis and Therapy. <i>Sensors</i> , 2021, 21, 1485.	2.1	8
20	Design of a Quencher-Free Fluorescent Aptasensor for Ochratoxin A Detection in Red Wine Based on the Guanine-Quenching Ability. <i>Biosensors</i> , 2022, 12, 297.	2.3	7
21	Ligand Assisted Stabilization of Fluorescence Nanoparticles; an Insight on the Fluorescence Characteristics, Dispersion Stability and DNA Loading Efficiency of Nanoparticles. <i>Journal of Fluorescence</i> , 2016, 26, 1407-1414.	1.3	5
22	Design of a portable luminescence bio-tool for on-site analysis of heavy metals in water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 1081-1094.	1.8	5
23	Mathematical Modelling of Biosensing Platforms Applied for Environmental Monitoring. <i>Chemosensors</i> , 2021, 9, 50.	1.8	5
24	Label-free fluorescence aptasensor for ochratoxin A using crystal violet as displacement-type probe. <i>Chinese Journal of Analytical Chemistry</i> , 2021, 49, 55-62.	0.9	4
25	DNA-templated electrodeposition of silver nanoparticles for direct and label-free aptasensing of ochratoxin A. <i>Analytical Biochemistry</i> , 2022, 639, 114540.	1.1	3
26	Development of Fluorescent Aptasensors Based on G-Quadruplex Quenching Ability for Ochratoxin A and Potassium Ions Detection. <i>Biosensors</i> , 2022, 12, 423.	2.3	1
27	Immobilization of Enzymes on Ethynyl-Modified Electrodes via Click Chemistry. <i>Methods in Molecular Biology</i> , 2013, 1051, 209-216.	0.4	0