Anca Florea

List of Publications by Year in descending order

22 papers	693 citations	623734 14 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	822 citing authors

#	Article	IF	Citations
1	Biosensors for Alzheimer's disease biomarker detection: A review. Biochimie, 2018, 147, 13-24.	2.6	95
2	Highly selective electrochemical detection of serotonin on polypyrrole and gold nanoparticles-based 3D architecture. Electrochemistry Communications, 2017, 75, 43-47.	4.7	94
3	Anticancer drug detection using a highly sensitive molecularly imprinted electrochemical sensor based on an electropolymerized microporous metal organic framework. Talanta, 2015, 138, 71-76.	5.5	69
4	Levamisole: a Common Adulterant in Cocaine Street Samples Hindering Electrochemical Detection of Cocaine. Analytical Chemistry, 2018, 90, 5290-5297.	6.5	51
5	Electrochemical strategies for the detection of forensic drugs. Current Opinion in Electrochemistry, 2018, 11, 34-40.	4.8	48
6	Electrochemical sensing of cocaine in real samples based on electrodeposited biomimetic affinity ligands. Analyst, The, 2019, 144, 4639-4646.	3.5	41
7	Tackling Poor Specificity of Cocaine Color Tests by Electrochemical Strategies. Analytical Chemistry, 2018, 90, 6811-6819.	6.5	38
8	Electrochemical Strategies for Adulterated Heroin Samples. Analytical Chemistry, 2019, 91, 7920-7928.	6.5	34
9	Electrochemical Biosensors as Potential Diagnostic Devices for Autoimmune Diseases. Biosensors, 2019, 9, 38.	4.7	33
10	Detection of Dopamine by a Biomimetic Electrochemical Sensor Based on Polythioanilineâ€Bridged Gold Nanoparticles. ChemPlusChem, 2017, 82, 561-569.	2.8	31
11	Molecularly Imprinted Polymer/Metal Organic Framework Based Chemical Sensors. Coatings, 2016, 6, 42.	2.6	30
12	Polymer platforms for selective detection of cocaine in street samples adulterated with levamisole. Talanta, 2018, 186, 362-367.	5.5	29
13	Electrochemical Peptide-Based Sensors for Foodborne Pathogens Detection. Molecules, 2021, 26, 3200.	3.8	24
14	Tackling the Problem of Sensing Commonly Abused Drugs Through Nanomaterials and (Bio)Recognition Approaches. Frontiers in Chemistry, 2020, 8, 561638.	3.6	18
15	Electropolymerized oâ€Phenylenediamine on Graphite Promoting the Electrochemical Detection of Nafcillin. Electroanalysis, 2020, 32, 135-141.	2.9	14
16	Electrochemical Fingerprints of Illicit Drugs on Graphene and Multi-Walled Carbon Nanotubes. Frontiers in Chemistry, 2021, 9, 641147.	3.6	14
17	Towards Developing a Screening Strategy for Ecstasy: Revealing the Electrochemical Profile. ChemElectroChem, 2021, 8, 4826-4834.	3.4	13
18	Unraveling the Mechanisms Behind the Complete Suppression of Cocaine Electrochemical Signals by Chlorpromazine, Promethazine, Procaine, and Dextromethorphan. Analytical Chemistry, 2019, 91, 15453-15460.	6.5	10

#	Article	IF	Citations
19	A Benzocaineâ€Induced Local Nearâ€Surface pH Effect: Influence on the Accuracy of Voltammetric Cocaine Detection. Analysis & Sensing, 2021, 1, 54-62.	2.0	5
20	Electrochemical analysis of speedball-like polydrug samples. Analyst, The, 2020, 145, 6091-6096.	3.5	2
21	Designing polymer-based immunosensing platforms for cancer biomarker detection. , 2013, , .		0
22	Frontispiece: Detection of Dopamine by a Biomimetic Electrochemical Sensor Based on Polythioaniline-Bridged Gold Nanoparticles. ChemPlusChem, 2017, 82, .	2.8	0