

Francesca Bettazzi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

525
citations

14
h-index

20
g-index

20
ext. papers

603
ext. citations

5.6
avg, IF

4.08
L-index

#	Paper	IF	Citations
19	Gold nanoparticles modified graphene platforms for highly sensitive electrochemical detection of vitamin C in infant food and formulae. <i>Food Chemistry</i> , 2021 , 344, 128692	8.5	15
18	A simple and selective electrochemical magneto-assay for sea lice eDNA detection developed with a Quality by Design approach. <i>Science of the Total Environment</i> , 2021 , 791, 148111	10.2	2
17	Au nanoparticle in situ decorated RGO nanocomposites for highly sensitive electrochemical genosensors. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 768-777	7.3	17
16	Trends and Perspectives in Immunosensors for Determination of Currently-Used Pesticides: The Case of Glyphosate, Organophosphates, and Neonicotinoids. <i>Biosensors</i> , 2019 , 9,	5.9	54
15	Polydopamine: surface coating, molecular imprinting, and electrochemistry-successful applications and future perspectives in (bio)analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4327-4338	4.4	38
14	Optical and Electrochemical Study of Acridine-Based Polyaza Ligands for Anion Sensing. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2675-2679	2.3	12
13	Ascorbic acid-sensitized Au nanorods-functionalized nanostructured TiO ₂ transparent electrodes for photoelectrochemical genosensing. <i>Electrochimica Acta</i> , 2018 , 276, 389-398	6.7	24
12	Photoelectrochemical genosensors for the determination of nucleic acid cancer biomarkers. <i>Current Opinion in Electrochemistry</i> , 2018 , 12, 51-59	7.2	18
11	Glyphosate Determination by Coupling an Immuno-Magnetic Assay with Electrochemical Sensors. <i>Sensors</i> , 2018 , 18,	3.8	26
10	Innovative Biocatalysts as Tools to Detect and Inactivate Nerve Agents. <i>Scientific Reports</i> , 2018 , 8, 13773	4.9	12
9	Evaluation of a QuEChERS-like extraction approach for the determination of PBDEs in mussels by immuno-assay-based screening methods. <i>Talanta</i> , 2017 , 170, 540-545	6.2	6
8	Direct determination of small RNAs using a biotinylated polythiophene impedimetric genosensor. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 1012-1019	11.8	42
7	Improving impedimetric nucleic acid detection by using enzyme-decorated liposomes and nanostructured screen-printed electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 7271-81	4.4	25
6	Development of an Electrochemical Immunoassay for the Detection of Polybrominated Diphenyl Ethers (PBDEs). <i>Electroanalysis</i> , 2016 , 28, 1817-1823	3	11
5	Health and carcinogenic risk evaluation for cohorts exposed to PAHs in petrochemical workplaces in Rawalpindi city (Pakistan). <i>International Journal of Environmental Health Research</i> , 2016 , 26, 37-57	3.6	16
4	Strategies for the development of an electrochemical bioassay for TNF-alpha detection by using a non-immunoglobulin bioreceptor. <i>Talanta</i> , 2016 , 151, 141-147	6.2	40
3	Electrochemical detection of miRNA-222 by use of a magnetic bead-based bioassay. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 1025-34	4.4	101

2	Electrochemical bioassay for the detection of TNF- α using magnetic beads and disposable screen-printed array of electrodes. <i>Bioanalysis</i> , 2013 , 5, 11-9	2.1	42
1	One-shot screen-printed thylakoid membrane-based biosensor for the detection of photosynthetic inhibitors in discrete samples. <i>Analytica Chimica Acta</i> , 2007 , 589, 14-21	6.6	24