

Edervaldo Buffon

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

341
citations

1307594

7
h-index

1199594

12
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12
all docs

12
docs citations

12
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical sensors based on molecularly imprinted polymer on nanostructured carbon materials: A review. <i>Journal of Electroanalytical Chemistry</i> , 2019, 840, 343-366.	3.8	159
2	Non-enzymatic lactose molecularly imprinted sensor based on disposable graphite paper electrode. <i>Analytica Chimica Acta</i> , 2021, 1143, 53-64.	5.4	45
3	Electrochemical sensor based on molecularly imprinted poly(ortho-phenylenediamine) for determination of hexahydrofarnesol in aviation biokerosene. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 371-379.	7.8	31
4	A molecularly imprinted polymer on reduced graphene oxide-gold nanoparticles modified screen-printed electrode for selective determination of ferulic acid in orange peels. <i>Microchemical Journal</i> , 2021, 167, 106339.	4.5	30
5	Electrochemical sensor based on reduced graphene oxide and molecularly imprinted poly(phenol) for d-xylose determination. <i>Talanta</i> , 2020, 208, 120379.	5.5	22
6	Fructose determination in fruit juices using an electrosynthesized molecularly imprinted polymer on reduced graphene oxide modified electrode. <i>Food Chemistry</i> , 2021, 352, 129430.	8.2	21
7	A carbon nanotubes-pectin composite for electrochemical determination of copper in aviation biokerosene by anodic stripping voltammetry. <i>Fuel</i> , 2021, 302, 121180.	6.4	11
8	Electrochemical behavior of hexahydrofarnesol: A contaminant of aviation biokerosene. <i>Journal of Electroanalytical Chemistry</i> , 2019, 848, 113284.	3.8	6
9	Lead signal enhancement in anodic stripping voltammetry using graphene oxide and pectin as electrode modifying agents for biofuel analysis. <i>Fuel</i> , 2022, 325, 124906.	6.4	5
10	Molecularly imprinted electrochemical sensor for monitoring mercaptan sulfur in aviation biofuel. <i>Fuel</i> , 2022, 307, 121783.	6.4	4
11	Spectroscopic ellipsometry studies of an electrochemically synthesized molecularly imprinted polymer for the detection of an aviation biokerosene contaminant. <i>Reactive and Functional Polymers</i> , 2020, 155, 104698.	4.1	4
12	Voltammetric study of a sulfur contaminant of aviation biokerosene. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1743-1750.	2.5	3