

JÃ©ssica Santos Stefano

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

707
citations

567281

15
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Different approaches for fabrication of low-cost electrochemical sensors. <i>Current Opinion in Electrochemistry</i> , 2022, 32, 100893.	4.8	43
2	New conductive filament ready-to-use for 3D-printing electrochemical (bio)sensors: Towards the detection of SARS-CoV-2. <i>Analytica Chimica Acta</i> , 2022, 1191, 339372.	5.4	62
3	Electrochemical (Bio)Sensors Enabled by Fused Deposition Modeling-Based 3D Printing: A Guide to Selecting Designs, Printing Parameters, and Post-Treatment Protocols. <i>Analytical Chemistry</i> , 2022, 94, 6417-6429.	6.5	72
4	Biosensing strategies for the electrochemical detection of viruses and viral diseases – A review. <i>Analytica Chimica Acta</i> , 2021, 1159, 338384.	5.4	73
5	Simple and rapid electrochemical detection of 1-benzylpiperazine on carbon screen-printed electrode. <i>Microchemical Journal</i> , 2021, 167, 106282.	4.5	15
6	Disposable electrochemical sensor based on shellac and graphite for sulfamethoxazole detection. <i>Microchemical Journal</i> , 2021, 170, 106701.	4.5	20
7	Electrochemical detection of 2,4,6-trinitrotoluene on carbon nanotube modified electrode: Effect of acid functionalization. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 121-129.	2.5	19
8	3D-printed reduced graphene oxide/polylactic acid electrodes: A new prototyped platform for sensing and biosensing applications. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112684.	10.1	78
9	Voltammetric determination of traces of 4-chloroaniline in antiseptic samples on a cathodically-treated boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2020, 877, 114500.	3.8	6
10	3D-printing pen versus desktop 3D-printers: Fabrication of carbon black/polylactic acid electrodes for single-drop detection of 2,4,6-trinitrotoluene. <i>Analytica Chimica Acta</i> , 2020, 1132, 10-19.	5.4	42
11	Electrochemical synthesis of Prussian blue from iron impurities in 3D-printed graphene electrodes: Amperometric sensing platform for hydrogen peroxide. <i>Talanta</i> , 2020, 219, 121289.	5.5	30
12	Coupling electrochemistry with a fluorescence reporting reaction enabled by bipolar electrochemistry. <i>Journal of Electroanalytical Chemistry</i> , 2020, 872, 113921.	3.8	12
13	Batch-injection Amperometric Analysis on Screen-printed Electrodes: Analytical System for High-throughput Determination of Pharmaceutical Molecules. <i>Electroanalysis</i> , 2019, 31, 518-526.	2.9	7
14	Evaluation of graphite sheets for production of high-quality disposable sensors. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 560-567.	3.8	24
15	Simple Strategy for Selective Determination of Levamisole in Seized Cocaine and Pharmaceutical Samples Using Disposable Screen-printed Electrodes. <i>Electroanalysis</i> , 2019, 31, 153-159.	2.9	16
16	Fast Determination of Antioxidant Capacity of Food Samples Using Continuous Amperometric Detection on Polyester Screen-printed Graphitic Electrodes. <i>Electroanalysis</i> , 2018, 30, 1192-1197.	2.9	6
17	Highly sensitive amperometric detection of drugs and antioxidants on non-functionalized multi-walled carbon nanotubes: Effect of metallic impurities?. <i>Electrochimica Acta</i> , 2017, 240, 80-89.	5.2	26
18	Amperometric determination of omeprazole on screen-printed electrodes using batch injection analysis. <i>Microchemical Journal</i> , 2017, 133, 398-403.	4.5	24

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19	Batchâ€injection versus Flowâ€injection Analysis Using Screenâ€printed Electrodes: Determination of Ciprofloxacin in Pharmaceutical Formulations. <i>Electroanalysis</i> , 2016, 28, 350-357.	2.9	26
20	Flow-Injection Analysis with Multiple-Pulse Amperometry for Simultaneous Determination of Paracetamol and Naproxen Using a Homemade Flow Cell for Screen-Printed Electrodes. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	10
21	Exploring Multiwalled Carbon Nanotubes for Naproxen Detection. <i>Electroanalysis</i> , 2014, 26, 1449-1453.	2.9	39
22	Electrochemical Oxidation of Chlorhexidine and its Amperometric Determination by Flow-Injection Analysis. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	0
23	Fast determination of naproxen in pharmaceutical formulations by batch injection analysis with pulsed amperometric detection. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1834-1838.	0.6	47
24	Drawing Electrochemical Sensors Using a 3D Printing Pen. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	10