JÃ©ssica Santos Stefano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3754561/publications.pdf

Version: 2024-02-01

24	707	567281 15	677142 22
papers	citations	h-index	g-index

25	25	25	460
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D-printed reduced graphene oxide/polylactic acid electrodes: A new prototyped platform for sensing and biosensing applications. Biosensors and Bioelectronics, 2020, 170, 112684.	10.1	78
2	Biosensing strategies for the electrochemical detection of viruses and viral diseases â€“ A review. Analytica Chimica Acta, 2021, 1159, 338384.	5.4	73
3	Electrochemical (Bio)Sensors Enabled by Fused Deposition Modeling-Based 3D Printing: A Guide to Selecting Designs, Printing Parameters, and Post-Treatment Protocols. Analytical Chemistry, 2022, 94, 6417-6429.	6.5	72
4	New conductive filament ready-to-use for 3D-printing electrochemical (bio)sensors: Towards the detection of SARS-CoV-2. Analytica Chimica Acta, 2022, 1191, 339372.	5.4	62
5	Fast determination of naproxen in pharmaceutical formulations by batch injection analysis with pulsed amperometric detection. Journal of the Brazilian Chemical Society, 2012, 23, 1834-1838.	0.6	47
6	Different approaches for fabrication of low-cost electrochemical sensors. Current Opinion in Electrochemistry, 2022, 32, 100893.	4.8	43
7	3D-printing pen versus desktop 3D-printers: Fabrication of carbon black/polylactic acid electrodes for single-drop detection of 2,4,6-trinitrotoluene. Analytica Chimica Acta, 2020, 1132, 10-19.	5.4	42
8	Exploring Multiwalled Carbon Nanotubes for Naproxen Detection. Electroanalysis, 2014, 26, 1449-1453.	2.9	39
9	Electrochemical synthesis of Prussian blue from iron impurities in 3D-printed graphene electrodes: Amperometric sensing platform for hydrogen peroxide. Talanta, 2020, 219, 121289.	5.5	30
10	Batchâ€injection versus Flowâ€injection Analysis Using Screenâ€printed Electrodes: Determination of Ciprofloxacin in Pharmaceutical Formulations. Electroanalysis, 2016, 28, 350-357.	2.9	26
11	Highly sensitive amperometric detection of drugs and antioxidants on non-functionalized multi-walled carbon nanotubes: Effect of metallic impurities?. Electrochimica Acta, 2017, 240, 80-89.	5.2	26
12	Amperometric determination of omeprazole on screen-printed electrodes using batch injection analysis. Microchemical Journal, 2017, 133, 398-403.	4.5	24
13	Evaluation of graphite sheets for production of high-quality disposable sensors. Journal of Electroanalytical Chemistry, 2019, 833, 560-567.	3.8	24
14	Disposable electrochemical sensor based on shellac and graphite for sulfamethoxazole detection. Microchemical Journal, 2021, 170, 106701.	4.5	20
15	Electrochemical detection of 2,4,6-trinitrotoluene on carbon nanotube modified electrode: Effect of acid functionalization. Journal of Solid State Electrochemistry, 2020, 24, 121-129.	2.5	19
16	Simple Strategy for Selective Determination of Levamisole in Seized Cocaine and Pharmaceutical Samples Using Disposable Screenâ€printed Electrodes. Electroanalysis, 2019, 31, 153-159.	2.9	16
17	Simple and rapid electrochemical detection of 1-benzylpiperazine on carbon screen-printed electrode. Microchemical Journal, 2021, 167, 106282.	4.5	15
18	Coupling electrochemistry with a fluorescence reporting reaction enabled by bipolar electrochemistry. Journal of Electroanalytical Chemistry, 2020, 872, 113921.	3.8	12

#	Article	IF	Citations
19	Flow-Injection Analysis with Multiple-Pulse Amperometry for Simultaneous Determination of Paracetamol and Naproxen Using a Homemade Flow Cell for Screen-Printed Electrodes. Journal of the Brazilian Chemical Society, 2014, , .	0.6	10
20	Drawing Electrochemical Sensors Using a 3D Printing Pen. Journal of the Brazilian Chemical Society, 0, , .	0.6	10
21	Batchâ€injection Amperometric Analysis on Screenâ€printed Electrodes: Analytical System for Highâ€throughput Determination of Pharmaceutical Molecules. Electroanalysis, 2019, 31, 518-526.	2.9	7
22	Fast Determination of Antioxidant Capacity of Food Samples Using Continuous Amperometric Detection on Polyester Screenâ€printed Graphitic Electrodes. Electroanalysis, 2018, 30, 1192-1197.	2.9	6
23	Voltammetric determination of traces of 4-chloroaniline in antiseptic samples on a cathodically-treated boron-doped diamond electrode. Journal of Electroanalytical Chemistry, 2020, 877, 114500.	3.8	6
24	Electrochemical Oxidation of Chlorhexidine and its Amperometric Determination by Flow-Injection Analysis. Journal of the Brazilian Chemical Society, 2013, , .	0.6	0