

Renata Kelly Mendes

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

804
citations

623734

14
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosensors based on gold nanostructures. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 3-20.	0.6	113
2	Surface plasmon resonance immunosensor for human cardiac troponin T based on self-assembled monolayer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1744-1750.	2.8	92
3	Evaluation of a new rigid carbonâ€castor oil polyurethane composite as an electrode material. <i>Talanta</i> , 2002, 57, 909-917.	5.5	80
4	Optical paper-based sensor for ascorbic acid quantification using silver nanoparticles. <i>Talanta</i> , 2015, 141, 188-194.	5.5	66
5	Characterization of self-assembled thiols monolayers on gold surface by electrochemical impedance spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 849-855.	0.6	65
6	Nickel hydroxide electrodes as amperometric detectors for carbohydrates in flow injection analysis and liquid chromatography. <i>Journal of Electroanalytical Chemistry</i> , 2009, 636, 18-23.	3.8	62
7	Effects of different self-assembled monolayers on enzyme immobilization procedures in peroxidase-based biosensor development. <i>Journal of Electroanalytical Chemistry</i> , 2008, 612, 164-172.	3.8	55
8	The use of a graphiteâ€castor oil polyurethane composite electrode for the determination of hydroquinone in photographic developers. <i>Talanta</i> , 2006, 68, 708-712.	5.5	46
9	Electrochemical detection of cysteine in a flow system based on reductive desorption of thiols from gold. <i>Analytica Chimica Acta</i> , 2006, 575, 172-179.	5.4	45
10	The antimicrobial and antiadhesion activities of micellar solutions of surfactin, CTAB and CPCI with terpinen-4-ol: applications to control oral pathogens. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 86.	3.6	32
11	Surface plasmon resonance immunosensor for early diagnosis of Asian rust on soybean leaves. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2483-2487.	10.1	29
12	Development of graphite-polymer composites as electrode materials. <i>Materials Research</i> , 2007, 10, 109-114.	1.3	28
13	Development of an electrochemical immunosensor for <i>Phakopsora pachyrhizi</i> detection in the early diagnosis of soybean rust. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 795-801.	0.6	20
14	AplicaÃ§Ãµes de QCM, EIS e SPR na investigaÃ§Ã£o de superfÃcies e interfaces para o desenvolvimento de (bio)sensores. <i>Quimica Nova</i> , 2004, 27, 970-979.	0.3	16
15	A disposable voltammetric immunosensor based on magnetic beads for early diagnosis of soybean rust. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 135-140.	7.8	16
16	Development of a disposable amperometric biosensor for salicylate based on a plastic electrochemical microcell. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2200-2204.	10.1	10
17	Poly(dimethylsiloxane) as a pre-coating in layer-by-layer films containing phosphotungstate nanoclusters electrochemically sensitive toward s-triazines. <i>RSC Advances</i> , 2014, 4, 29612.	3.6	10
18	Low-Cost Electrochemical Determination of Acrylamide in Processed Food Using a Hemoglobin â€ Iron Magnetic Nanoparticle â€ Chitosan Modified Carbon Paste Electrode. <i>Analytical Letters</i> , 2021, 54, 1180-1192.	1.8	8

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19	Kinetic studies of HRP adsorption on ds-DNA immobilized on gold electrode surface by EIS and SPR. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1648-1655.	0.6	6
20	Residual biomass from surfactin production is a source of arginase and adsorbed surfactin that is useful for environmental remediation. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 123.	3.6	2
21	Electrochemical-Surface Plasmon Resonance: Concept and Bioanalytical Applications. , 2013, , 127-137.		1
22	Electrochemical Determination of Hydroquinone Using a Tyrosinase-Based Cup-Stacked Carbon Nanotube (CSCNT)/Carbon Fiber Felt Composite Electrode. <i>Analytical Letters</i> , 2021, 54, 2700-2712.	1.8	1
23	Removal of p-cresol using wash waters from lipopeptide production. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 334-341.	2.2	1
24	A Zucchini-Peroxidase Biosensor for the Determination of Degradation Products from Biodiesel. <i>Sensor Letters</i> , 2014, 12, 177-182.	0.4	0
25	Application of Factorial Design to Optimize Cloud Point Extraction on the Determination of Metals in Eye Makeup. <i>Revista Virtual De Quimica</i> , 2015, 7, 1371-1383.	0.4	0