

Valquiria Cruz Rodrigues

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

498
citations

759055

12
h-index

752573

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all docs

20
docs citations

20
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical and optical detection and machine learning applied to images of genosensors for diagnosis of prostate cancer with the biomarker PCA3. <i>Talanta</i> , 2021, 222, 121444.	2.9	39
2	Detection of a SARS-CoV-2 sequence with genosensors using data analysis based on information visualization and machine learning techniques. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5658-5670.	3.2	26
3	Controlled molecular architectures in microfluidic immunosensors for detecting <i>Staphylococcus aureus</i> . <i>Analyst, The</i> , 2020, 145, 6014-6023.	1.7	20
4	Detection of HPV16 in cell lines deriving from cervical and head and neck cancer using a genosensor made with a DNA probe on a layer-by-layer matrix. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3258-3266.	3.2	4
5	Immunosensors containing solution blow spun fibers of poly(lactic acid) to detect p53 biomarker. <i>Materials Science and Engineering C</i> , 2020, 115, 111120.	3.8	7
6	Detection of factor VIII and D-dimer biomarkers for venous thromboembolism diagnosis using electrochemistry immunosensor. <i>Talanta</i> , 2020, 219, 121241.	2.9	8
7	Liposome-Based Biosensors Using Phytase Immobilized on Polypyrrole Films for Phytic Acid Determination. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 847-851.	2.0	3
8	Detection of the Prostate Cancer Biomarker PCA3 with Electrochemical and Impedance-Based Biosensors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46645-46650.	4.0	65
9	Fisioterapia desportiva no programa de prevenç�o de les�o no futebol profissional. <i>Research, Society and Development</i> , 2019, 9, e72932434.	0.0	3
10	Immunosensors Made with Layer-by-Layer Films on Chitosan/Gold Nanoparticle Matrices to Detect D-Dimer as Biomarker for Venous Thromboembolism. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 891-896.	2.0	47
11	A simple architecture with self-assembled monolayers to build immunosensors for detecting the pancreatic cancer biomarker CA19-9. <i>Analyst, The</i> , 2018, 143, 3302-3308.	1.7	28
12	Microfluidic-Based Genosensor To Detect Human Papillomavirus (HPV16) for Head and Neck Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36757-36763.	4.0	35
13	Analysis of Scanning Electron Microscopy Images To Investigate Adsorption Processes Responsible for Detection of Cancer Biomarkers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5885-5890.	4.0	12
14	Immunosensor for Pancreatic Cancer Based on Electrospun Nanofibers Coated with Carbon Nanotubes or Gold Nanoparticles. <i>ACS Omega</i> , 2017, 2, 6975-6983.	1.6	46
15	Silk fibroin organization induced by chitosan in layer-by-layer films: Application as a matrix in a biosensor. <i>Carbohydrate Polymers</i> , 2017, 155, 146-151.	5.1	27
16	Adsorption according to the Langmuir-Freundlich model is the detection mechanism of the antigen p53 for early diagnosis of cancer. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8412-8418.	1.3	57
17	Immunosensor for HIV-1 Diagnostics Based on Immobilization of the Antigenic Peptide p24-3 Into Liposomes. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 6638-6645.	0.9	7
18	Self-assembled films containing crude extract of avocado as a source of tyrosinase for monophenol detection. <i>Materials Science and Engineering C</i> , 2013, 33, 3899-3902.	3.8	6

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19	Amperometric urea biosensors based on the entrapment of urease in polypyrrole films. <i>Reactive and Functional Polymers</i> , 2012, 72, 148-152.	2.0	37
20	Polypyrrole/phytase amperometric biosensors for the determination of phytic acid in standard solutions. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 222-226.	4.0	21