

Bruno Veigas

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,485
citations

471509

17
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

2473
citing authors

#	ARTICLE	IF	CITATIONS
1	Noble Metal Nanoparticles for Biosensing Applications. <i>Sensors</i> , 2012, 12, 1657-1687.	3.8	593
2	Contribution of Efflux to the Emergence of Isoniazid and Multidrug Resistance in <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2012, 7, e34538.	2.5	177
3	Gold on paper—paper platform for Au-nanoprobe TB detection. <i>Lab on A Chip</i> , 2012, 12, 4802.	6.0	129
4	Field Effect Sensors for Nucleic Acid Detection: Recent Advances and Future Perspectives. <i>Sensors</i> , 2015, 15, 10380-10398.	3.8	78
5	Au-nanoprobes for detection of SNPs associated with antibiotic resistance in <i>Mycobacterium tuberculosis</i> . <i>Nanotechnology</i> , 2010, 21, 415101.	2.6	77
6	Digital Microfluidics for Nucleic Acid Amplification. <i>Sensors</i> , 2017, 17, 1495.	3.8	47
7	Bio-microfluidic platform for gold nanoprobe based DNA detection—application to <i>Mycobacterium tuberculosis</i> . <i>Biosensors and Bioelectronics</i> , 2013, 48, 87-93.	10.1	42
8	Portable optoelectronic biosensing platform for identification of mycobacteria from the <i>Mycobacterium tuberculosis</i> complex. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2012-2017.	10.1	37
9	Ion sensing (EIS) real-time quantitative monitorization of isothermal DNA amplification. <i>Biosensors and Bioelectronics</i> , 2014, 52, 50-55.	10.1	37
10	Isothermal DNA amplification coupled to Au-nanoprobes for detection of mutations associated to Rifampicin resistance in <i>Mycobacterium tuberculosis</i> . <i>Journal of Nanobiotechnology</i> , 2013, 11, 38.	9.1	36
11	A Digital Microfluidics Platform for Loop-Mediated Isothermal Amplification Detection. <i>Sensors</i> , 2017, 17, 2616.	3.8	34
12	Antibody modified gold nanoparticles for fast colorimetric screening of rheumatoid arthritis. <i>Analyst</i> , 2019, 144, 3613-3619.	3.5	26
13	AuNPs for identification of molecular signatures of resistance. <i>Frontiers in Microbiology</i> , 2014, 5, 455.	3.5	24
14	Gold nanoprobes for multi loci assessment of multi-drug resistant tuberculosis. <i>Tuberculosis</i> , 2014, 94, 332-337.	1.9	23
15	Real-time monitoring of PCR amplification of proto-oncogene c-MYC using a Ta ₂ O ₅ electrolyte—insulator—semiconductor sensor. <i>Biosensors and Bioelectronics</i> , 2011, 28, 44-49.	10.1	21
16	Fast Prototyping Microfluidics: Integrating Droplet Digital Lamp for Absolute Quantification of Cancer Biomarkers. <i>Sensors</i> , 2020, 20, 1624.	3.8	19
17	One nanoprobe, two pathogens: gold nanoprobes multiplexing for point-of-care. <i>Journal of Nanobiotechnology</i> , 2015, 13, 48.	9.1	17
18	Allele specific LAMP- gold nanoparticle for characterization of single nucleotide polymorphisms. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2017, 16, 21-25.	4.4	17

#	ARTICLE	IF	CITATIONS
19	Nanodiagnostics for Tuberculosis. , 2012, , .		12
20	Quantitative real-time monitoring of RCA amplification of cancer biomarkers mediated by a flexible ion sensitive platform. Biosensors and Bioelectronics, 2017, 91, 788-795.	10.1	12
21	Single nucleotide polymorphism detection using gold nanoprobe and bioâ€microfluidic platform with embedded microlenses. Biotechnology and Bioengineering, 2015, 112, 1210-1219.	3.3	9
22	Digital Microfluidics-Powered Real-Time Monitoring of Isothermal DNA Amplification of Cancer Biomarker. Biosensors, 2022, 12, 201.	4.7	9
23	Gold Nanoparticles for DNA/RNA-Based Diagnostics. , 2016, , 1339-1370.		4
24	Scalable approach for the production of functional DNA based gold nanoprobe. Journal of Membrane Science, 2015, 492, 528-535.	8.2	2
25	Water safety screening via multiplex LAMP-Au-nanoprobe integrated approach. Science of the Total Environment, 2020, 741, 140447.	8.0	2
26	Gold Nanoparticles for DNA/RNA-Based Diagnostics. , 2015, , 1-25.		1