

Gonçalo Doria

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,170
citations

567281

15
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

3418
citing authors

#	ARTICLE	IF	CITATIONS
1	Allele specific LAMP- gold nanoparticle for characterization of single nucleotide polymorphisms. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2017, 16, 21-25.	4.4	17
2	Star-shaped magnetite@gold nanoparticles for protein magnetic separation and SERS detection. <i>RSC Advances</i> , 2014, 4, 3690-3698.	3.6	86
3	Characterization of genomic single nucleotide polymorphism via colorimetric detection using a single gold nanoprobe. <i>Analytical Biochemistry</i> , 2014, 465, 1-5.	2.4	13
4	Noble Metal Nanoparticles Applications in Cancer. <i>Journal of Drug Delivery</i> , 2012, 2012, 1-12.	2.5	376
5	RNA Quantification Using Noble Metal Nanoprobes: Simultaneous Identification of Several Different mRNA Targets Using Color Multiplexing and Application to Cancer Diagnostics. <i>Methods in Molecular Biology</i> , 2012, 906, 71-87.	0.9	11
6	Noble Metal Nanoparticles for Biosensing Applications. <i>Sensors</i> , 2012, 12, 1657-1687.	3.8	593
7	Gold nanoparticle-based fluorescence immunoassay for malaria antigen detection. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1019-1027.	3.7	69
8	Alloy metal nanoparticles for multicolor cancer diagnostics. , 2011, , .		7
9	Nanoparticles in Molecular Diagnostics. <i>Progress in Molecular Biology and Translational Science</i> , 2011, 104, 427-488.	1.7	47
10	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
11	Inkjet printed and "doctor blade"-TiO ₂ photodetectors for DNA biosensors. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1229-1234.	10.1	59
12	Optimizing Au-nanoprobes for specific sequence discrimination. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 77, 122-124.	5.0	28
13	Development of a fast and efficient ultrasonic-based strategy for DNA fragmentation. <i>Talanta</i> , 2010, 81, 881-886.	5.5	26
14	Gold nanoparticles for the development of clinical diagnosis methods. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 943-950.	3.7	448
15	Imaging Gold Nanoparticles for DNA Sequence Recognition in Biomedical Applications. <i>IEEE Transactions on Nanobioscience</i> , 2007, 6, 282-288.	3.3	21
16	Amorphous/nanocrystalline silicon biosensor for the specific identification of unamplified nucleic acid sequences using gold nanoparticle probes. <i>Applied Physics Letters</i> , 2007, 90, 023903.	3.3	42
17	Gold-Nanoparticle-Probe-Based Assay for Rapid and Direct Detection of <i>Mycobacterium tuberculosis</i> DNA in Clinical Samples. <i>Clinical Chemistry</i> , 2006, 52, 1433-1434.	3.2	187
18	Colorimetric detection of eukaryotic gene expression with DNA-derivatized gold nanoparticles. <i>Journal of Biotechnology</i> , 2005, 119, 111-117.	3.8	103