GonÃ§alo Doria

List of Publications by Year
in descending order

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18	2,170	567281 15	888059 17
papers	citations	h-index	g-index

18	18	18	3418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Noble Metal Nanoparticles for Biosensing Applications. Sensors, 2012, 12, 1657-1687.	3.8	593
2	Gold nanoparticles for the development of clinical diagnosis methods. Analytical and Bioanalytical Chemistry, 2008, 391, 943-950.	3.7	448
3	Noble Metal Nanoparticles Applications in Cancer. Journal of Drug Delivery, 2012, 2012, 1-12.	2.5	376
4	Gold-Nanoparticle-Probeâ€“Based Assay for Rapid and Direct Detection of Mycobacterium tuberculosis DNA in Clinical Samples. Clinical Chemistry, 2006, 52, 1433-1434.	3.2	187
5	Colorimetric detection of eukaryotic gene expression with DNA-derivatized gold nanoparticles. Journal of Biotechnology, 2005, 119, 111-117.	3.8	103
6	Star-shaped magnetite@gold nanoparticles for protein magnetic separation and SERS detection. RSC Advances, 2014, 4, 3690-3698.	3.6	86
7	Gold nanoparticle-based fluorescence immunoassay for malaria antigen detection. Analytical and Bioanalytical Chemistry, 2012, 402, 1019-1027.	3.7	69
8	Inkjet printed and â€œdoctor bladeâ€•TiO2 photodetectors for DNA biosensors. Biosensors and Bioelectronics, 2010, 25, 1229-1234.	10.1	59
9	Nanoparticles in Molecular Diagnostics. Progress in Molecular Biology and Translational Science, 2011, 104, 427-488.	1.7	47
10	Amorphous/nanocrystalline silicon biosensor for the specific identification of unamplified nucleic acid sequences using gold nanoparticle probes. Applied Physics Letters, 2007, 90, 023903.	3.3	42
11	Portable optoelectronic biosensing platform for identification of mycobacteria from the Mycobacterium tuberculosis complex. Biosensors and Bioelectronics, 2011, 26, 2012-2017.	10.1	37
12	Optimizing Au-nanoprobes for specific sequence discrimination. Colloids and Surfaces B: Biointerfaces, 2010, 77, 122-124.	5.0	28
13	Development of a fast and efficient ultrasonic-based strategy for DNA fragmentation. Talanta, 2010, 81, 881-886.	5.5	26
14	Imaging Gold Nanoparticles for DNA Sequence Recognition in Biomedical Applications. IEEE Transactions on Nanobioscience, 2007, 6, 282-288.	3.3	21
15	Allele specific LAMP- gold nanoparticle for characterization of single nucleotide polymorphisms. Biotechnology Reports (Amsterdam, Netherlands), 2017, 16, 21-25.	4.4	17
16	Characterization of genomic single nucleotide polymorphism via colorimetric detection using a single gold nanoprobe. Analytical Biochemistry, 2014, 465, 1-5.	2.4	13
17	RNA Quantification Using Noble Metal Nanoprobes: Simultaneous Identification of Several Different mRNA Targets Using Color Multiplexing and Application to Cancer Diagnostics. Methods in Molecular Biology, 2012, 906, 71-87.	0.9	11
18	Alloy metal nanoparticles for multicolor cancer diagnostics. , 2011, , .		7