

Lionel Marcon

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

517
citations

687363

13
h-index

794594

19
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20
all docs

20
docs citations

20
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular and in vivo toxicity of functionalized nanodiamond in <i>Xenopus</i> embryos. <i>Journal of Materials Chemistry</i> , 2010, 20, 8064.	6.7	98
2	The antimicrobial effect of silicon nanowires decorated with silver and copper nanoparticles. <i>Nanotechnology</i> , 2013, 24, 495101.	2.6	85
3	Functionalization of Diamond Nanoparticles Using "Click" Chemistry. <i>Langmuir</i> , 2010, 26, 13168-13172.	3.5	71
4	Current and future chemical treatments to fight biodeterioration of outdoor building materials and associated biofilms: Moving away from ecotoxic and towards efficient, sustainable solutions. <i>Science of the Total Environment</i> , 2022, 802, 149846.	8.0	33
5	Photochemical Immobilization of Proteins and Peptides on Benzophenone-Terminated Boron-Doped Diamond Surfaces. <i>Langmuir</i> , 2010, 26, 1075-1080.	3.5	30
6	Cell micropatterning on superhydrophobic diamond nanowires. <i>Acta Biomaterialia</i> , 2013, 9, 4585-4591.	8.3	29
7	Covalent modification of boron-doped diamond electrodes with an imidazolium-based ionic liquid. <i>Electrochimica Acta</i> , 2010, 55, 1582-1587.	5.2	23
8	Preparation and characterization of Zonyl-coated nanodiamonds with antifouling properties. <i>Chemical Communications</i> , 2011, 47, 5178.	4.1	21
9	Current based antibodies detection from human serum enhanced by secondary antibodies labelled with gold nanoparticles immobilized in a nanogap. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1185-1188.	10.1	20
10	"On-the-fly" optical encoding of combinatorial peptide libraries for profiling of protease specificity. <i>Molecular BioSystems</i> , 2010, 6, 225-233.	2.9	19
11	Cell Adhesion Properties on Chemically Micropatterned Boron-Doped Diamond Surfaces. <i>Langmuir</i> , 2010, 26, 15065-15069.	3.5	18
12	Synthesis and Application of FRET Nanoparticles in the Profiling of a Protease. <i>Small</i> , 2009, 5, 2053-2056.	10.0	15
13	A dual-purpose synthetic colloidal platform for protease mapping: substrate profiling for Dengue and West Nile virus proteases. <i>Analytical Biochemistry</i> , 2008, 376, 151-153.	2.4	14
14	Electrical detection of human immunoglobulins G from human serum using a microbiosensor. <i>Biosensors and Bioelectronics</i> , 2007, 23, 81-87.	10.1	9
15	Improving the Signal-to-Noise Performance of Molecular Diagnostics with PEG-Lysine Copolymer Dendrons. <i>Biomacromolecules</i> , 2009, 10, 360-365.	5.4	9
16	Feasibility of intratumoral ¹⁶⁵ Holmium siloxane delivery to induced U87 glioblastoma in a large animal model, the Yucatan minipig. <i>PLoS ONE</i> , 2020, 15, e0234772.	2.5	8
17	Flow cytometric detection of proteolysis in peptide libraries synthesised on optically encoded supports. <i>Molecular BioSystems</i> , 2008, 4, 774.	2.9	7
18	Characterization of Nanogap Chemical Reactivity Using Peptide-Capped Gold Nanoparticles and Electrical Detection. <i>Bioconjugate Chemistry</i> , 2008, 19, 802-805.	3.6	5

#	ARTICLE	IF	CITATIONS
19	Synthesis of Highly-loaded Holmium-165 Siloxane Particles for Brachytherapy of Brain Cancer and Injectability Evaluation in Healthy Pig. Journal of Nanomedicine & Nanotechnology, 2017, 08, .	1.1	3
20	Electrical Detection of Antibodies from Human Serum Based on the Insertion of Gold-Labeled Secondary Antibodies into Microor Nanogaps. , 0, , 329-351.		0