Melania Reggente

List of Publications by Year
in descending order

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25 papers	386 citations	840119 11 h-index	794141 19 g-index
27 all docs	27 docs citations	27 times ranked	507 citing authors

#	Article	IF	Citations
1	Mechanical Characterization of Methanol Plasma Treated Fluorocarbon Ultrathin Films Through Atomic Force Microscopy. Frontiers in Materials, 2020, 6, .	1.2	3
2	Design of Optimized PEDOTâ€Based Electrodes for Enhancing Performance of Living Photovoltaics Based on Phototropic Bacteria. Advanced Materials Technologies, 2020, 5, 1900931.	3.0	23
3	Design of Optimized PEDOT-Based Electrodes for Enhancing Performance of Living Photovoltaics Based on Phototropic Bacteria. ECS Meeting Abstracts, 2020, MA2020-01, 2683-2683.	0.0	0
4	How alkali-activated Ti surfaces affect the growth of tethered PMMA chains: a close-up study on the PMMA thickness and surface morphology. Pure and Applied Chemistry, 2019, 91, 1687-1694.	0.9	6
5	Enhancing bioelectricity generation in microbial fuel cells and biophotovoltaics using nanomaterials. Nano Research, 2019, 12, 2184-2199.	5.8	51
6	Resin-free three-layered Ti/PMMA/Ti sandwich materials: Adhesion and formability study. Composite Structures, 2019, 218, 107-119.	3.1	12
7	Identification of nanoparticles and nanosystems in biological matrices with scanning probe microscopy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2018, 10, e1521.	3.3	15
8	Novel Alkali Activation of Titanium Substrates To Grow Thick and Covalently Bound PMMA Layers. ACS Applied Materials & Interfaces, 2018, 10, 5967-5977.	4.0	26
9	Cover Image, Volume 10, Issue 6. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2018, 10, e1544.	3.3	0
10	Nanomechanical characterization of K-basalt from Roman comagmatic province: A preliminary study. AIP Conference Proceedings, 2018, , .	0.3	0
11	Magnetic Force Microscopy. , 2017, , 209-259.		6
12	Multiscale mechanical characterization of hybrid Ti/PMMA layered materials. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 244-251.	2.3	13
13	Detection of stiff nanoparticles within cellular structures by contact resonance atomic force microscopy subsurface nanomechanical imaging. Nanoscale, 2017, 9, 5671-5676.	2.8	28
14	Self-assembling of calcium salt of the new DNA base 5-carboxylcytosine. Applied Surface Science, 2017, 407, 297-306.	3.1	3
15	In Situ control and modification of the probe magnetization state for accurate magnetic force microscopy. AIP Conference Proceedings, 2017, , .	0.3	5
16	Electrochemical atomic force microscopy: In situ monitoring of electrochemical processes. AIP Conference Proceedings, 2017, , .	0.3	5
17	Elastic modulus measurements at variable temperature: Validation of atomic force microscopy techniques. AIP Conference Proceedings, 2016, , .	0.3	0
18	Contact resonance atomic force microscopy for viscoelastic characterization of polymer-based nanocomposites at variable temperature. AIP Conference Proceedings, 2016, , .	0.3	11

#	Article	IF	Citations
19	Contact resonance atomic force microscopy (CR-AFM) in applied mineralogy: the case of natural and thermally treated diaspore. European Journal of Mineralogy, 2016, 28, 273-283.	0.4	8
20	Niosomal approach to brain delivery: Development, characterization and in vitro toxicological studies. International Journal of Pharmaceutics, 2016, 511, 969-982.	2.6	33
21	Removal of electrostatic artifacts in magnetic force microscopy by controlled magnetization of the tip: application to superparamagnetic nanoparticles. Scientific Reports, 2016, 6, 26293.	1.6	41
22	Strategies for fabrication of innovative and highly biocompatible diamond electrodes. , 2015, , .		3
23	Atomic Force Microscopy Techniques for Nanomechanical Characterization: A Polymeric Case Study. Jom, 2015, 67, 849-857.	0.9	16
24	Microscopies at the Nanoscale for Nano-Scale Drug Delivery Systems. Current Drug Targets, 2015, 16, 1512-1530.	1.0	10
25	Magnetic force microscopy. Biomatter, 2014, 4, e29507.	2.6	61