

Francesco Barreca

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

385
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

646
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous carbon-silica solid acid catalysts for producing useful bio-products within the sugar-platform of biorefineries. <i>Green Chemistry</i> , 2014, 16, 4292-4305.	9.0	62
2	Nanoscale Discrimination between Toxic and Nontoxic Protein Misfolded Oligomers with Tip-Enhanced Raman Spectroscopy. <i>Small</i> , 2018, 14, e1800890.	10.0	35
3	Template Electrochemical Growth and Properties of Mo Oxide Nanostructures. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22299-22308.	3.1	33
4	Raman microscopy study of pulsed laser ablation deposited silicon carbide films. <i>Thin Solid Films</i> , 1998, 332, 290-294.	1.8	30
5	Time resolved imaging studies of the plasma produced by laser ablation of silicon in O ₂ /Ar atmosphere. <i>Laser and Particle Beams</i> , 2005, 23, 149-153.	1.0	29
6	Bonding configurations and optical band gap for nitrogenated amorphous silicon carbide films prepared by pulsed laser ablation. <i>Journal of Applied Physics</i> , 2002, 92, 2485-2489.	2.5	26
7	Pulsed laser ablation of SiC in a nitrogen atmosphere: formation of CN. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 1997-2005.	2.3	25
8	Excimer laser ablation of silicon carbide ceramic targets. <i>Diamond and Related Materials</i> , 2002, 11, 273-279.	3.9	21
9	Investigation of a nanocrystalline silicon phase embedded in SiO _x thin films grown by pulsed laser deposition. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2005, 23, 519.	1.6	20
10	PEG-PLGA electrospun nanofibrous membranes loaded with Au@Fe ₂ O ₃ nanoparticles for drug delivery applications. <i>Frontiers of Physics</i> , 2018, 13, 1.	5.0	17
11	Measurement of the dielectric constant of amorphous CN _x films in the 0-45 eV energy range. <i>Physical Review B</i> , 2000, 62, 16893-16899.	3.2	14
12	Influence of the plasma expansion dynamics on the structural properties of pulsed laser ablation deposited tin oxide thin films. <i>Thin Solid Films</i> , 2010, 518, 5409-5415.	1.8	14
13	Low cost tips for tip-enhanced Raman spectroscopy fabricated by two-step electrochemical etching of 125 Åm diameter gold wires. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2718-2729.	2.8	13
14	Optical constants of CN _x thin films from reflection electron energy loss spectroscopy. <i>Thin Solid Films</i> , 2000, 377-378, 631-634.	1.8	12
15	Characterization of pulsed laser deposited a-C films by means of reflection electron energy loss spectroscopy. <i>Thin Solid Films</i> , 2001, 398-399, 228-232.	1.8	9
16	Electronic properties of PLD prepared nitrogenated a-SiC thin films. <i>Thin Solid Films</i> , 2003, 433, 34-38.	1.8	8
17	Molybdenum oxide nanocolloids prepared by an external field-assisted laser ablation in water. <i>EPJ Web of Conferences</i> , 2018, 167, 04009.	0.3	6
18	Micro-Raman study of reactive pulsed laser ablation deposited silicon carbon alloy films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998, 16, 3020-3024.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Electrospun Ag/PMA Nanofibrous Scaffold as a Drug Delivery System. Current Nanomaterials, 2019, 4, 32-38.	0.4	4
20	Laser Ablation-Deposited CN x Thin Films. , 0, , 287-302.		3