Eleonora Pavoni

List of Publications by Year
in descending order

25	278	933447 10	996975 15
papers	citations	h-index	g-index

26	26	26	439
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Covalently Functionalized SWCNTs as Tailored p-Type Dopants for Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 27966-27973.	8.0	38
2	Extracellular Guanosine 5â€²-Triphosphate Induces Human Muscle Satellite Cells to Release Exosomes Stuffed With Guanosine. Frontiers in Pharmacology, 2018, 9, 152.	3.5	21
3	Inverted scanning microwave microscope for in vitro imaging and characterization of biological cells. Applied Physics Letters, 2019, 114, .	3.3	20
4	[60]Fullereneâ€“porphyrin [n]pseudorotaxanes: self-assembly, photophysics and third-order NLO response. Physical Chemistry Chemical Physics, 2016, 18, 11858-11868.	2.8	18
5	Wear performance of neat and vitamin E blended highly cross-linked PE under severe conditions: The combined effect of accelerated ageing and third body particles during wear test. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 64, 240-252.	3.1	17
6	Wafer-scale very large memory windows in graphene monolayer/HfZrO ferroelectric capacitors. Nanotechnology, 2018, 29, 425204.	2.6	15
7	Attoampere Nanoelectrochemistry. Small, 2021, 17, e2101253.	10.0	14
8	Does cyclic stress and accelerated ageing influence the wear behavior of highly crosslinked polyethylene?. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 59, 418-429.	3.1	13
9	Stability toward alkaline hydrolysis ofB.morisilk fibroin grafted with methacrylamide. Journal of Raman Spectroscopy, 2016, 47, 731-739.	2.5	12
10	A tailored RAFT copolymer for the dispersion of single walled carbon nanotubes in aqueous media. Polymer Chemistry, 2014, 5, 6148-6150.	3.9	11
11	Structural study on methacrylamide-grafted Tussah silk fibroin fibres. International Journal of Biological Macromolecules, 2016, 88, 196-205.	7.5	11
12	Transfer of metallic debris after inÂvitro ceramic-on-metal simulation: Wear and degradation in Biolox Â® Delta composite femoral heads. Composites Part B: Engineering, 2017, 115, 477-487.	12.0	11
13	Carbazoleâ€Terpyridine Donorâ€Acceptor Dyads with Rigid Ïâ€Conjugated Bridges. ChemPlusChem, 2019, 84, 1353-1365.	2.8	11
14	Homoleptic and heteroleptic RuII complexes with extended phenanthroline-based ligands. Polyhedron, 2014, 82, 122-131.	2.2	9
15	Comparative microâ€Raman study on standard, crossâ€linked and vitamin Eâ€blended polyethylene acetabular cups after longâ€term in vitro testing and ageing. Journal of Raman Spectroscopy, 2017, 48, 1065-1074.	2.5	8
16	Real-Time Removal of Topographic Artifacts in Scanning Microwave Microscopy. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 2662-2672.	4.6	8
17	Influence of grafting with acrylate compounds on the conformational rearrangements of silk fibroin upon electrospinning and treatment with aqueous methanol. Journal of Raman Spectroscopy, 2016, 47, 1367-1374.	2.5	6
18	Quantitative Characterization of Platinum Diselenide Electrical Conductivity With an Inverted Scanning Microwave Microscope. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3348-3359.	4.6	6

#	Article	IF	Citations
19	Raman and Photoemission Spectroscopic Analyses of Explanted BioloxÂ® Delta Femoral Heads Showing Metal Transfer. Materials, 2017, 10, 744.	2.9	5
20	Measuring zinc in biological nanovesicles by multiple analytical approaches. Journal of Trace Elements in Medicine and Biology, 2018, 48, 58-66.	3.0	5
21	Imaging of sub-cellular structures and organelles by an STM-assisted Scanning Microwave Microscope at mm-Waves. , 2018, , .		5
22	Blisters on graphite surface: a scanning microwave microscopy investigation. RSC Advances, 2019, 9, 23156-23160.	3.6	5
23	Inverted Scanning Microwave Microscopy for Nanometer-scale Imaging and Characterization of Platinum Diselenide. , 2019, , .		5
24	Inverted Scanning Microwave Microscopy of a Vital Mitochondrion in Liquid. IEEE Microwave and Wireless Components Letters, 2022, 32, 804-806.	3.2	3
25	Nanomaterials for Lighting and Solar Energy Conversion. NATO Science for Peace and Security Series B: Physics and Biophysics, 2015, , 373-414.	0.3	0