

Francesca Romana Lamastra

List of Publications by Year in descending order

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papers

448
citations

686830

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23
times ranked

578
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray residual stress analysis on CrN/Cr/CrN multilayer PVD coatings deposited on different steel substrates. <i>Surface and Coatings Technology</i> , 2006, 200, 6172-6175.	2.2	55
2	Polymer composite random lasers based on diatom frustules as scatterers. <i>RSC Advances</i> , 2014, 4, 61809-61816.	1.7	44
3	Eu-Doped Titania Nanofibers: Processing, Thermal Behaviour and Luminescent Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5183-5190.	0.9	36
4	A systematic study on EN-998-2 premixed mortars modified with graphene-based materials. <i>Construction and Building Materials</i> , 2019, 227, 116701.	3.2	35
5	Toward a better understanding of multifunctional cement-based materials: The impact of graphite nanoplatelets (GNPs). <i>Ceramics International</i> , 2021, 47, 20019-20031.	2.3	32
6	High performance cementitious nanocomposites: The effectiveness of nano-Graphite (nG). <i>Construction and Building Materials</i> , 2020, 259, 119687.	3.2	28
7	Graphene nanoplatelet, multiwall carbon nanotube, and hybrid multiwall carbon nanotube-graphene nanoplatelet epoxy nanocomposites as strain sensing coatings. <i>Journal of Reinforced Plastics and Composites</i> , 2021, 40, 632-643.	1.6	28
8	Electrospun polymeric coatings on aluminum alloy as a straightforward approach for corrosion protection. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	25
9	High density Gd-substituted yttrium iron garnets by coprecipitation. <i>Materials Chemistry and Physics</i> , 2008, 107, 274-280.	2.0	21
10	Development of a transparent hydrorepellent modified SiO ₂ coatings for glazed sanitarywares. <i>Materials Chemistry and Physics</i> , 2014, 146, 240-252.	2.0	21
11	High coercivity of iron-filled carbon nanotubes synthesized on austenitic stainless steel. <i>Carbon</i> , 2012, 50, 718-721.	5.4	19
12	A comparison of thermally conductive polyamide 6-Boron nitride composites produced via additive layer manufacturing and compression molding. <i>Polymer Composites</i> , 2021, 42, 2751-2765.	2.3	17
13	The Diatom <i>Staurosirella pinnata</i> for Photoactive Material Production. <i>PLoS ONE</i> , 2016, 11, e0165571.	1.1	16
14	Innovative Al-Ni-Ir alloy for bond coats: Microstructure, phase analysis and oxidation behaviour. <i>Intermetallics</i> , 2012, 22, 241-250.	1.8	15
15	Electrospun protective self-healing coatings for light alloys: A better understanding of the intrinsic potential of the technology. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	10
16	Extra-Low Dosage Graphene Oxide Cementitious Nanocomposites: A Nano- to Macroscale Approach. <i>Nanomaterials</i> , 2021, 11, 3278.	1.9	10
17	Mo-doped indium oxide films by dip-coating: Synthesis, microstructure and optical properties. <i>Ceramics International</i> , 2014, 40, 1851-1858.	2.3	9
18	Compatibilization of an immiscible blend of <sc>EPDM</sc> and <sc>POM</sc> with an Ionomer. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50423.	1.3	7

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19	Waste cooking oils as processing aids for eco-sustainable elastomeric compounding. Progress in Rubber, Plastics and Recycling Technology, 2022, 38, 3-20.	0.8	6
20	Low-temperature titania coatings for aluminium corrosion protection. Corrosion Engineering Science and Technology, 2018, 53, 44-53.	0.7	5
21	High-Density Single-Phase Yttrium-Gadolinium-Iron Garnets by Spray Drying. International Journal of Applied Ceramic Technology, 2008, 5, 624-632.	1.1	4
22	Nonlinear optical materials by electrospinning technique. Journal of Applied Polymer Science, 2014, 131, .	1.3	3
23	Oleyamine functionalization of boron nitride nano-platelets for Polyamide-6 thermally conductive injection moulded composites. Journal of Thermoplastic Composite Materials, 2023, 36, 2862-2882.	2.6	2