

Giampiero Montesperelli

List of Publications by Year in descending order

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28
papers

770
citations

471509
17
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501196
28
g-index

28
all docs

28
docs citations

28
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a better understanding of multifunctional cement-based materials: The impact of graphite nanoplatelets (GNPs). <i>Ceramics International</i> , 2021, 47, 20019-20031.	4.8	32
2	Extra-Low Dosage Graphene Oxide Cementitious Nanocomposites: A Nano- to Macroscale Approach. <i>Nanomaterials</i> , 2021, 11, 3278.	4.1	10
3	A multidisciplinary approach to the mortars characterization from the Town Walls of Gubbio (Perugia, Italy). <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1721-1737.	3.6	9
4	High performance cementitious nanocomposites: The effectiveness of nano-Graphite (nG). <i>Construction and Building Materials</i> , 2020, 259, 119687.	7.2	28
5	Effect of Al ₂ O ₃ reinforcement and precipitates on corrosion behaviour of 2618 and 6061 aluminium MMCs. <i>Corrosion Engineering Science and Technology</i> , 2019, 54, 601-613.	1.4	9
6	A systematic study on EN-998-2 premixed mortars modified with graphene-based materials. <i>Construction and Building Materials</i> , 2019, 227, 116701.	7.2	35
7	Low-temperature titania coatings for aluminium corrosion protection. <i>Corrosion Engineering Science and Technology</i> , 2018, 53, 44-53.	1.4	5
8	The Case Study of the Medieval Town Walls of Gubbio in Italy: First Results on the Characterization of Mortars and Binders. <i>Heritage</i> , 2018, 1, 468-478.	1.9	5
9	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, .	2.6	10
10	Electrospun polymeric coatings on aluminum alloy as a straightforward approach for corrosion protection. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	25
11	Ceria/stannate multilayer coatings on AZ91D Mg alloy. <i>Surface and Coatings Technology</i> , 2012, 206, 4855-4863.	4.8	21
12	Assessment of in vitro temporal corrosion and cytotoxicity of AZ91D alloy. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2553-2562.	3.6	9
13	Electrochemical noise for corrosion detection. <i>Corrosion Reviews</i> , 2011, 29, .	2.0	3
14	Cathodic protection of carbon steel in natural seawater: Effect of sunlight radiation. <i>Electrochimica Acta</i> , 2009, 54, 6472-6478.	5.2	24
15	Electrochemical and mechanical behaviour of Sn _{2.5} Ag _{0.5} Cu and Sn ₄₈ Bi ₂ Zn solders. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2008, 59, 662-669.	1.5	34
16	High density Gd-substituted yttrium iron garnets by coprecipitation. <i>Materials Chemistry and Physics</i> , 2008, 107, 274-280.	4.0	21
17	Advances in jewellery microcasting. <i>Thermochimica Acta</i> , 2004, 419, 195-204.	2.7	7
18	The effect of pretreatments with siloxanes on the corrosion resistance of aluminium in NaCl solution. <i>Surface and Coatings Technology</i> , 1999, 111, 240-246.	4.8	32

#	ARTICLE	IF	CITATIONS
19	An EIS study of the humidity-sensitive electrical conduction of alkali-doped TiO ₂ films. <i>Electrochimica Acta</i> , 1996, 41, 1359-1368.	5.2	43
20	Sol-gel processed TiO ₂ -based thin films as innovative humidity sensors. <i>Sensors and Actuators B: Chemical</i> , 1995, 25, 705-709.	7.8	82
21	Surface composition of alkali-doped TiO ₂ films for sensors investigated by XPS. <i>Sensors and Actuators B: Chemical</i> , 1995, 25, 886-888.	7.8	11
22	X-ray photoelectron spectroscopy investigation of MgAl ₂ O ₄ thin films for humidity sensors. <i>Journal of Materials Research</i> , 1994, 9, 1426-1433.	2.6	22
23	Humidity sensitivity of sputtered TiO ₂ thin films. <i>Sensors and Actuators B: Chemical</i> , 1994, 19, 525-528.	7.8	35
24	XPS analysis of the interface of ceramic thin films for humidity sensors. <i>Applied Surface Science</i> , 1993, 70-71, 363-366.	6.1	45
25	Microstructure and Electrical Properties of MgAl ₂ O ₄ Thin Films for Humidity Sensing. <i>Journal of the American Ceramic Society</i> , 1993, 76, 743-750.	3.8	125
26	Humidity-sensitive electrical properties of MgAl ₂ O ₄ thin films. <i>Sensors and Actuators B: Chemical</i> , 1993, 14, 525-527.	7.8	35
27	Humidity-Sensitive Properties of Titania Films Prepared Using the Sol-Gel Process. <i>Journal of the Ceramic Society of Japan</i> , 1993, 101, 1095-1100.	1.3	51
28	Studies related to cephalosporins.IV. Electrophilic addition to 3-exomethylene-1-cephams. The addition of phenylselenenyl chloride.. <i>Tetrahedron Letters</i> , 1987, 28, 5539-5542.	1.4	2