

Ioannis Karatasios

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

396
citations

840776

11
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological and Chemical Characterization of Self-Healing Products in MgO Concrete. RILEM Bookseries, 2022, , 335-348.	0.4	0
2	Quantitative evaluation of self-healing capacity in cementitious materials. Material Design and Processing Communications, 2021, 3, e152.	0.9	3
3	Evaluation of Methodologies for Assessing Self-Healing Performance of Concrete with Mineral Expansive Agents: An Interlaboratory Study. Materials, 2021, 14, 2024.	2.9	29
4	Critical Aspects in the Development and Integration of Encapsulated Healing Agents in Cement and Concrete. Journal of Advanced Concrete Technology, 2021, 19, 301-320.	1.8	9
5	The Role of Titanium Dioxide on the Hydration of Portland Cement: A Combined NMR and Ultrasonic Study. Molecules, 2020, 25, 5364.	3.8	19
6	Comparative Evaluation of the Morphological Characteristics of Nanolime Dispersions for the Consolidation of Architectural Monuments. International Journal of Architectural Heritage, 2020, 14, 994-1007.	3.1	8
7	Morphological characterization of water-based nanolime dispersions. Journal of Cultural Heritage, 2020, 46, 11-20.	3.3	12
8	Technological and microstructural characterization of mortars and plasters from the Roman site of Qasr Azraq, in Jordan. Journal of Cultural Heritage, 2018, 33, 100-116.	3.3	17
9	Modification of water transport properties of porous building stones caused by polymerization of silicon-based consolidation products. Pure and Applied Chemistry, 2017, 89, 1673-1684.	1.9	7
10	The effect of TiO ₂ component on the properties of acrylic and urea-aldehyde resins under accelerated ageing conditions. Pure and Applied Chemistry, 2017, 89, 1659-1671.	1.9	5
11	The role of aggregate characteristics on the performance optimization of high hydraulicity restoration mortars. Construction and Building Materials, 2017, 153, 527-534.	7.2	23
12	19 th century ornamented metal trays from Greece and Turkey: metallurgy and provenance. Science and Technology of Archaeological Research, 2017, 3, 285-302.	2.4	0
13	Ag and Cu Monometallic and Ag/Cu Bimetallic Nanoparticle-Graphene Composites with Enhanced Antibacterial Performance. ACS Applied Materials & Interfaces, 2016, 8, 27498-27510.	8.0	102
14	Efficient CO oxidation in an ionic liquid-modified, Au nanoparticle-loaded membrane contactor. Chemical Engineering Journal, 2016, 305, 79-91.	12.7	15
15	Mix Design Parameters of Restoration Mortars: The Effect of Aggregate Characteristics. , 2015, , 85-88.		0
16	Technological insights into the ancient ceramic beehive production of Agathonisi island, Greece. Applied Clay Science, 2013, 82, 37-43.	5.2	4
17	The performance of different adhesives for archaeological ceramics under mechanical stress. Applied Clay Science, 2013, 82, 10-15.	5.2	7
18	Heat transfer properties of pyrotechnical ceramics used in ancient metallurgy. Thermochimica Acta, 2013, 573, 87-94.	2.7	21

#	ARTICLE	IF	CITATIONS
19	Application of ¹ H NMR to the Hydration Monitoring of Lime-Pozzolan Mortars. , 2012, , 435-442.		0
20	Photo-induced carbonation of lime-TiO ₂ mortars. Applied Catalysis B: Environmental, 2010, 95, 78-86.	20.2	50
21	Byzantine wall paintings from Mani (Greece): microanalytical investigation of pigments and plasters. Analytical and Bioanalytical Chemistry, 2009, 395, 2061-2071.	3.7	37
22	Sulphate resistance of lime-based barium mortars. Cement and Concrete Composites, 2008, 30, 815-821.	10.7	15
23	Setting process of lime-based conservation mortars with barium hydroxide. Cement and Concrete Research, 2007, 37, 886-893.	11.0	10