Maria Stefanidou

List of Publications by Year
in descending order

49	1,125	394421 19	414414 32
papers	citations	h-index	g-index

50	50	50	1123
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strengthâ€“porosity relationships in limeâ€“pozzolan mortars. Construction and Building Materials, 2006, 20, 700-705.	7.2	110
2	Towards a more effective and reliable salt crystallization test for porous building materials: state of the art. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	3.1	78
3	Modifications of Alfa fibers by alkali and hydrothermal treatment. Cellulose, 2019, 26, 1503-1516.	4.9	70
4	External treatments for the preventive repair of existing constructions: A review. Construction and Building Materials, 2018, 193, 435-452.	7.2	68
5	Evaluation of workability parameters in 3D printing concrete. Procedia Structural Integrity, 2018, 10, 155-162.	0.8	64
6	Microstructure of lime and lime-pozzolana pastes with nanosilica. Cement and Concrete Research, 2016, 83, 152-163.	11.0	58
7	Analysis of ancient mortars and design of compatible repair mortars: The case study of Odeion of the archaeological site of Dion. Construction and Building Materials, 2013, 40, 84-92.	7.2	57
8	Durability aspects of ancient mortars of the archeological site of Olynthos. Journal of Cultural Heritage, 2007, 8, 193-196.	3.3	45
9	Recycled sand in lime-based mortars. Waste Management, 2014, 34, 2595-2602.	7.4	40
10	Red mud-molten salt composites for medium-high temperature thermal energy storage and waste heat recovery applications. Journal of Hazardous Materials, 2021, 413, 125407.	12.4	40
11	Impregnation and superhydrophobicity of coated porous low-fired clay building materials. Progress in Organic Coatings, 2011, 72, 181-192.	3.9	36
12	Influence of nano-silica and nano-alumina in lime-pozzolan and lime-metakaolin binders. Materials Today: Proceedings, 2017, 4, 6908-6922.	1.8	36
13	Thermal Conductivity of Building Materials Employed in the Preservation of Traditional Structures. International Journal of Thermophysics, 2010, 31, 844-851.	2.1	34
14	Testing the effectiveness of protective coatings on traditional bricks. Construction and Building Materials, 2016, 111, 482-487.	7.2	33
15	Performance of lime-based mortars at elevated temperatures. Construction and Building Materials, 2018, 189, 576-584.	7.2	33
16	EVALUATION OF INCLUSIONS IN MORTARS OF DIFFERENT HISTORICAL PERIODS FROM GREEK MONUMENTS*. Archaeometry, 2012, 54, 737-751.	1.3	30
17	Analysis and characterization of hydraulic mortars from ancient cisterns and baths in Greece. Materials and Structures/Materiaux Et Constructions, 2014, 47, 571-580.	3.1	28
18	Application of an alternative way for silica fume dispersion in cement pastes without ultrasonication. Cement and Concrete Research, 2019, 115, 59-69.	11.0	24

#	Article	IF	Citations
19	Analysis and characterization of Roman and Byzantine fired bricks from Greece. Materials and Structures/Materiaux Et Constructions, 2015, 48, 2251-2260.	3.1	22
20	The influence of brick dust and crushed brick on the properties of lime-based mortars exposed at elevated temperatures. Construction and Building Materials, 2021, 296, 123743.	7.2	18
21	Experimental study of nano-modified lime-based grouts. World Journal of Engineering, 2012, 9, 501-508.	1.6	16
22	Use of by-products for partial replacement of 3D printed concrete constituents; rheology, strength and shrinkage performance. Frattura Ed Integrita Strutturale, 2019, 13, 526-536.	0.9	16
23	Hydrophobization by Means of Nanotechnology on Greek Sandstones Used as Building Facades. Geosciences (Switzerland), 2013, 3, 30-45.	2.2	13
24	Design and testing of artificial stone for the restoration of stone elements in monuments and historic buildings. Construction and Building Materials, 2015, 93, 957-965.	7.2	13
25	The role of flame retardants in cement mortars exposed at elevated temperatures. Construction and Building Materials, 2021, 273, 122029.	7.2	13
26	The Role of Nanoparticles on the Durability of Lime-Pozzolan Binding System. Solid State Phenomena, 0, 286, 119-132.	0.3	12
27	Influence of treated bio-fibers on the mechanical and physical properties of cement mortars. European Journal of Environmental and Civil Engineering, 2022, 26, 3120-3135.	2.1	12
28	Comparative Study of the Properties of Cement Pastes Modified with Nano-Silica and Nano-Alumina. Solid State Phenomena, 0, 286, 133-144.	0.3	11
29	Development and testing of repair mortars for floor mosaic substrates. Journal of Building Engineering, 2018, 20, 501-509.	3.4	10
30	Cement-based renders with insulating properties. Construction and Building Materials, 2014, 65, 427-431.	7.2	9
31	Technology of multilayer mortars applied in ancient floor mosaic substrates. Journal of Archaeological Science: Reports, 2018, 20, 683-691.	0.5	8
32	Long-Term Behavior and Durability of Alkali-Activated Clay Mortars. Materials, 2020, 13, 3790.	2.9	8
33	Defensive behaviour of building envelopes in terms of mechanical and thermal responsiveness by incorporating PCMs in cement mortar layers. Sustainable Energy Technologies and Assessments, 2021, 47, 101349.	2.7	7
34	Crushed and River-Origin Sands Used as Aggregates in Repair Mortars. Geosciences (Switzerland), 2016, 6, 23.	2.2	6
35	The influence of pre-wetting with consolidants on the adhesion of double-layer lime based mortars. Journal of Cultural Heritage, 2020, 46, 21-30.	3.3	6
36	Influence of perlite and aerogel addition on the performance of cement-based mortars at elevated temperatures. IOP Conference Series: Earth and Environmental Science, 2020, 410, 012111.	0.3	6

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37	An experimental bioactive dental ceramic for metal-ceramic restorations: Textural characteristics and investigation of the mechanical properties. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 66, 95-103.	3.1	5
38	The Influence of Curing Regimes in Self-Healing of Nano-Modified Cement Pastes. Materials, 2020, 13, 5301.	2.9	4
39	Techniques for recording selfâ€healing efficiency and characterizing the healing products in cementitious materials. Material Design and Processing Communications, 2021, 3, e166.	0.9	4
40	Scanning Mortars to Understand the Past and Plan the Future for the Maintenance of Monuments. Scanning, 2018, 2018, 1-8.	1.5	3
41	The Effects of Single and Combined Nanoparticles in the Properties of Air Lime Pastes. International Journal of Architectural Heritage, 2020, 14, 964-976.	3.1	3
42	Testing nano-silica and nano-alumina additions for enhancing the durability of cement and lime pastes. Materials Today: Proceedings, 2021, 37, 4082-4090.	1.8	3
43	Study of the action of nano-alumina particles in hydrated lime pastes. Journal of Building Engineering, 2021, 46, 103808.	3.4	3
44	Incorporation of Glass Particles in High-Performance Mortars. Waste and Biomass Valorization, 2016, 7, 879-883.	3.4	2
45	The role of nano-modified coverings against salt attack. Journal of Building Engineering, 2022, 57, 104845.	3.4	2
46	Nanoparticles controlling self-healing properties in cement pastes. Materials Today: Proceedings, 2022, 54, 22-27.	1.8	1
47	The Role of Nano-Al2O3 in Traditional Binders. , 2018, , 267-272.		1
48	CAUSES OF DETERIORATION OF OTTOMAN MOSQUES. , 2018, , .		1
49	Measuring the protective role of clay-based renders in adobe masonry using thermal imaging and ultrasonic velocity imaging. , 2017, , .		0