

# Maria Stefanidou

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,125  
citations

394421

19  
h-index

414414

32  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of treated bio-fibers on the mechanical and physical properties of cement mortars. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 3120-3135.	2.1	12
2	Nanoparticles controlling self-healing properties in cement pastes. <i>Materials Today: Proceedings</i> , 2022, 54, 22-27.	1.8	1
3	The role of nano-modified coverings against salt attack. <i>Journal of Building Engineering</i> , 2022, 57, 104845.	3.4	2
4	Techniques for recording self-healing efficiency and characterizing the healing products in cementitious materials. <i>Material Design and Processing Communications</i> , 2021, 3, e166.	0.9	4
5	Testing nano-silica and nano-alumina additions for enhancing the durability of cement and lime pastes. <i>Materials Today: Proceedings</i> , 2021, 37, 4082-4090.	1.8	3
6	The role of flame retardants in cement mortars exposed at elevated temperatures. <i>Construction and Building Materials</i> , 2021, 273, 122029.	7.2	13
7	Red mud-molten salt composites for medium-high temperature thermal energy storage and waste heat recovery applications. <i>Journal of Hazardous Materials</i> , 2021, 413, 125407.	12.4	40
8	The influence of brick dust and crushed brick on the properties of lime-based mortars exposed at elevated temperatures. <i>Construction and Building Materials</i> , 2021, 296, 123743.	7.2	18
9	Defensive behaviour of building envelopes in terms of mechanical and thermal responsiveness by incorporating PCMs in cement mortar layers. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 47, 101349.	2.7	7
10	Study of the action of nano-alumina particles in hydrated lime pastes. <i>Journal of Building Engineering</i> , 2021, 46, 103808.	3.4	3
11	The influence of pre-wetting with consolidants on the adhesion of double-layer lime based mortars. <i>Journal of Cultural Heritage</i> , 2020, 46, 21-30.	3.3	6
12	Long-Term Behavior and Durability of Alkali-Activated Clay Mortars. <i>Materials</i> , 2020, 13, 3790.	2.9	8
13	The Influence of Curing Regimes in Self-Healing of Nano-Modified Cement Pastes. <i>Materials</i> , 2020, 13, 5301.	2.9	4
14	Influence of perlite and aerogel addition on the performance of cement-based mortars at elevated temperatures. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 410, 012111.	0.3	6
15	The Effects of Single and Combined Nanoparticles in the Properties of Air Lime Pastes. <i>International Journal of Architectural Heritage</i> , 2020, 14, 964-976.	3.1	3
16	Application of an alternative way for silica fume dispersion in cement pastes without ultrasonication. <i>Cement and Concrete Research</i> , 2019, 115, 59-69.	11.0	24
17	Modifications of Alfa fibers by alkali and hydrothermal treatment. <i>Cellulose</i> , 2019, 26, 1503-1516.	4.9	70
18	Use of by-products for partial replacement of 3D printed concrete constituents; rheology, strength and shrinkage performance. <i>Frattura Ed Integrita Strutturale</i> , 2019, 13, 526-536.	0.9	16

#	ARTICLE	IF	CITATIONS
19	Towards a more effective and reliable salt crystallization test for porous building materials: state of the art. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.	3.1	78
20	Evaluation of workability parameters in 3D printing concrete. <i>Procedia Structural Integrity</i> , 2018, 10, 155-162.	0.8	64
21	External treatments for the preventive repair of existing constructions: A review. <i>Construction and Building Materials</i> , 2018, 193, 435-452.	7.2	68
22	Development and testing of repair mortars for floor mosaic substrates. <i>Journal of Building Engineering</i> , 2018, 20, 501-509.	3.4	10
23	Performance of lime-based mortars at elevated temperatures. <i>Construction and Building Materials</i> , 2018, 189, 576-584.	7.2	33
24	Technology of multilayer mortars applied in ancient floor mosaic substrates. <i>Journal of Archaeological Science: Reports</i> , 2018, 20, 683-691.	0.5	8
25	Scanning Mortars to Understand the Past and Plan the Future for the Maintenance of Monuments. <i>Scanning</i> , 2018, 2018, 1-8.	1.5	3
26	The Role of Nano-Al <sub>2</sub> O <sub>3</sub> in Traditional Binders. , 2018, , 267-272.		1
27	CAUSES OF DETERIORATION OF OTTOMAN MOSQUES. , 2018, , .		1
28	Influence of nano-silica and nano-alumina in lime-pozzolan and lime-metakaolin binders. <i>Materials Today: Proceedings</i> , 2017, 4, 6908-6922.	1.8	36
29	Measuring the protective role of clay-based renders in adobe masonry using thermal imaging and ultrasonic velocity imaging. , 2017, , .		0
30	An experimental bioactive dental ceramic for metal-ceramic restorations: Textural characteristics and investigation of the mechanical properties. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 66, 95-103.	3.1	5
31	Crushed and River-Origin Sands Used as Aggregates in Repair Mortars. <i>Geosciences (Switzerland)</i> , 2016, 6, 23.	2.2	6
32	Incorporation of Glass Particles in High-Performance Mortars. <i>Waste and Biomass Valorization</i> , 2016, 7, 879-883.	3.4	2
33	Testing the effectiveness of protective coatings on traditional bricks. <i>Construction and Building Materials</i> , 2016, 111, 482-487.	7.2	33
34	Microstructure of lime and lime-pozzolan pastes with nanosilica. <i>Cement and Concrete Research</i> , 2016, 83, 152-163.	11.0	58
35	Design and testing of artificial stone for the restoration of stone elements in monuments and historic buildings. <i>Construction and Building Materials</i> , 2015, 93, 957-965.	7.2	13
36	Analysis and characterization of Roman and Byzantine fired bricks from Greece. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 2251-2260.	3.1	22

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37	Analysis and characterization of hydraulic mortars from ancient cisterns and baths in Greece. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 571-580.	3.1	28
38	Recycled sand in lime-based mortars. <i>Waste Management</i> , 2014, 34, 2595-2602.	7.4	40
39	Cement-based renders with insulating properties. <i>Construction and Building Materials</i> , 2014, 65, 427-431.	7.2	9
40	Analysis of ancient mortars and design of compatible repair mortars: The case study of Odeion of the archaeological site of Dion. <i>Construction and Building Materials</i> , 2013, 40, 84-92.	7.2	57
41	Hydrophobization by Means of Nanotechnology on Greek Sandstones Used as Building Facades. <i>Geosciences (Switzerland)</i> , 2013, 3, 30-45.	2.2	13
42	Experimental study of nano-modified lime-based grouts. <i>World Journal of Engineering</i> , 2012, 9, 501-508.	1.6	16
43	EVALUATION OF INCLUSIONS IN MORTARS OF DIFFERENT HISTORICAL PERIODS FROM GREEK MONUMENTS*. <i>Archaeometry</i> , 2012, 54, 737-751.	1.3	30
44	Impregnation and superhydrophobicity of coated porous low-fired clay building materials. <i>Progress in Organic Coatings</i> , 2011, 72, 181-192.	3.9	36
45	Thermal Conductivity of Building Materials Employed in the Preservation of Traditional Structures. <i>International Journal of Thermophysics</i> , 2010, 31, 844-851.	2.1	34
46	Durability aspects of ancient mortars of the archeological site of Olynthos. <i>Journal of Cultural Heritage</i> , 2007, 8, 193-196.	3.3	45
47	Strength-porosity relationships in lime-pozzolan mortars. <i>Construction and Building Materials</i> , 2006, 20, 700-705.	7.2	110
48	Comparative Study of the Properties of Cement Pastes Modified with Nano-Silica and Nano-Alumina. <i>Solid State Phenomena</i> , 0, 286, 133-144.	0.3	11
49	The Role of Nanoparticles on the Durability of Lime-Pozzolan Binding System. <i>Solid State Phenomena</i> , 0, 286, 119-132.	0.3	12