

Paulina Faria

List of Publications by Year in descending order

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100
papers

2,185
citations

201674

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254184

43
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105
all docs

105
docs citations

105
times ranked

1382
citing authors

#	ARTICLE	IF	CITATIONS
1	The Benefits of Eco-efficient Plasters for Occupant's Health – A Case Study. , 2022, , 383-404.		1
2	Vernacular Caramel's Adobe Masonry Dwellings – Material Characterization. International Journal of Architectural Heritage, 2022, 16, 67-84.	3.1	10
3	Hygrothermal and Acoustic Assessment of Earthen Materials. RILEM State-of-the-Art Reports, 2022, , 83-126.	0.7	1
4	Durability of Earth Materials: Weathering Agents, Testing Procedures and Stabilisation Methods. RILEM State-of-the-Art Reports, 2022, , 211-241.	0.7	2
5	Characterization of Earth Used in Earth Construction Materials. RILEM State-of-the-Art Reports, 2022, , 17-81.	0.7	2
6	Environmental Potential of Earth-Based Building Materials: Key Facts and Issues from a Life Cycle Assessment Perspective. RILEM State-of-the-Art Reports, 2022, , 261-296.	0.7	8
7	Biotreatments Using Microbial Mixed Cultures with Crude Glycerol and Waste Pinewood as Carbon Sources: Influence of Application on the Durability of Recycled Concrete. Materials, 2022, 15, 1181.	2.9	3
8	Fernandina Wall of Lisbon: Mineralogical and Chemical Characterization of Rammed Earth and Masonry Mortars. Minerals (Basel, Switzerland), 2022, 12, 241.	2.0	4
9	Bio-Wastes as Aggregates for Eco-Efficient Boards and Panels: Screening Tests of Physical Properties and Bio-Susceptibility. Infrastructures, 2022, 7, 26.	2.8	9
10	Gypsum Mortars with Acacia dealbata Biomass Waste Additions: Effect of Different Fractions and Contents. Buildings, 2022, 12, 339.	3.1	6
11	A Discussion on Winter Indoor Hygrothermal Conditions and Hygroscopic Behaviour of Plasters in Southern Europe. Infrastructures, 2022, 7, 38.	2.8	6
12	A sustainable production of natural hydraulic lime mortars through bio-amendment. Construction and Building Materials, 2022, 340, 127812.	7.2	8
13	Vernacular Earthen Buildings from Leiria, Portugal – Material Characterization. International Journal of Architectural Heritage, 2021, 15, 1285-1300.	3.1	14
14	Eco-efficient earth plasters: The effect of sand grading and additions on fresh and mechanical properties. Journal of Building Engineering, 2021, 33, 101591.	3.4	11
15	Effect of innovative bioproducts on air lime mortars. Journal of Building Engineering, 2021, 35, 101985.	3.4	10
16	Earth, Gypsum and Cement-Based Plasters Contribution to Indoor Comfort and Health. RILEM Bookseries, 2021, , 105-117.	0.4	3
17	Performance parameters of ETICS: Correlating water resistance, bio-susceptibility and surface properties. Construction and Building Materials, 2021, 272, 121956.	7.2	46
18	Effect of innovative bioproducts on the performance of bioformulated earthen plasters. Construction and Building Materials, 2021, 277, 122261.	7.2	1

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19	Vernacular earthen buildings from Leiria, Portugal – Architectural survey towards their conservation and retrofitting. <i>Journal of Building Engineering</i> , 2021, 35, 102115.	3.4	9
20	RILEM TC 277-LHS report: a review on the mechanisms of setting and hardening of lime-based binding systems. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	3.1	36
21	Assessment of the Density Loss in Anobiid Infested Pine Using X-ray Micro-Computed Tomography. <i>Buildings</i> , 2021, 11, 173.	3.1	6
22	Use of Bioproducts Derived from Mixed Microbial Cultures Grown with Crude Glycerol to Protect Recycled Concrete Surfaces. <i>Materials</i> , 2021, 14, 2057.	2.9	1
23	Cement-based mortars production applying mining residues treated with an electro-based technology and a thermal treatment: Technical and economic effects. <i>Construction and Building Materials</i> , 2021, 280, 122483.	7.2	6
24	Cement-Bonded Particleboards with Banana Pseudostem Waste: Physical Performance and Bio-Susceptibility. <i>Infrastructures</i> , 2021, 6, 86.	2.8	10
25	Life cycle assessment of mortars: A review on technical potential and drawbacks. <i>Construction and Building Materials</i> , 2021, 288, 123069.	7.2	42
26	Life Cycle Assessment of Mortars Produced Partially Replacing Cement by Treated Mining Residues. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7947.	2.5	2
27	Biotreatment of ceramic bricks: The impact of the application method of an innovative bioproduct on biomineralization. <i>Construction and Building Materials</i> , 2021, 300, 124050.	7.2	0
28	Traditional and Modern Plasters for Built Heritage: Suitability and Contribution for Passive Relative Humidity Regulation. <i>Heritage</i> , 2021, 4, 2337-2355.	1.9	16
29	Sustainable cement mortar bioformulated with a bioproduct obtained from fermentation of biodiesel™ crude glycerol. <i>Journal of Cleaner Production</i> , 2021, 313, 127885.	9.3	3
30	Laboratory characterization of relative humidity dependent properties for plasters: A systematic review. <i>Construction and Building Materials</i> , 2021, 304, 124595.	7.2	10
31	Agro-industrial wastes as building insulation materials: A review and challenges for Euro-Mediterranean countries. <i>Industrial Crops and Products</i> , 2021, 171, 113833.	5.2	55
32	CO2 sequestration by construction and demolition waste aggregates and effect on mortars and concrete performance - An overview. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 152, 111668.	16.4	28
33	Effect of Type of Curing and Metakaolin Replacement on Air Lime Mortars for the Durability of Masonries. <i>Infrastructures</i> , 2021, 6, 143.	2.8	5
34	Use of Mixed Microbial Cultures to Protect Recycled Concrete Surfaces: A Preliminary Study. <i>Materials</i> , 2021, 14, 6545.	2.9	1
35	Mortars with CDW Recycled Aggregates Submitted to High Levels of CO2. <i>Infrastructures</i> , 2021, 6, 159.	2.8	5
36	Mineralogical and microstructural characterisation of rammed earth and earthen mortars from 12th century Paderne Castle. <i>Journal of Cultural Heritage</i> , 2020, 42, 226-239.	3.3	22

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37	Electrodialytic removal of tungsten and arsenic from secondary mine resources " Deep eutectic solvents enhancement. <i>Science of the Total Environment</i> , 2020, 710, 136364.	8.0	38
38	Effect of mining residues treated with an electrodialytic technology on cement-based mortars. <i>Cleaner Engineering and Technology</i> , 2020, 1, 100001.	4.0	7
39	Natural hydraulic lime mortars - The effect of ceramic residues on physical and mechanical behaviour. <i>Journal of Building Engineering</i> , 2020, 32, 101747.	3.4	19
40	Earth Plasters: The Influence of Clay Mineralogy in the Plasters™ Properties. <i>International Journal of Architectural Heritage</i> , 2020, 14, 948-963.	3.1	30
41	Comparison of mineralogical, mechanical and hygroscopic characteristic of earthen, gypsum and cement-based plasters. <i>Construction and Building Materials</i> , 2020, 254, 119222.	7.2	40
42	Effect of surface biotreatments on construction materials. <i>Construction and Building Materials</i> , 2020, 241, 118019.	7.2	11
43	Overview of mining residues incorporation in construction materials and barriers for full-scale application. <i>Journal of Building Engineering</i> , 2020, 29, 101215.	3.4	21
44	Assessment of natural aging and ecological surface treatments in earth renders. <i>Conservar Patrimonio</i> , 2020, 35, 31-44.	0.4	0
45	Optimisation of bio-based building materials using image analysis method. <i>Construction and Building Materials</i> , 2019, 223, 544-553.	7.2	12
46	Efficacy of iron-based bioproducts as surface biotreatment for earth-based plastering mortars. <i>Journal of Cleaner Production</i> , 2019, 237, 117803.	9.3	23
47	Rice husk-earth based composites: A novel bio-based panel for buildings refurbishment. <i>Construction and Building Materials</i> , 2019, 221, 99-108.	7.2	48
48	Development of sustainable alkali-activated bricks using industrial wastes. <i>Construction and Building Materials</i> , 2019, 215, 180-191.	7.2	72
49	A semi-destructive assessment method to estimate the residual strength of maritime pine structural elements degraded by anobiids. <i>Materials and Structures/Materiaux Et Constructions</i> , 2019, 52, 1.	3.1	9
50	Indoor Air Quality Regulation Through the Usage of Eco-Efficient Plasters. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2019, , 383-394.	0.4	0
51	Brita Lavada " An eco-efficient decorative mortar from Madeira Island. <i>Journal of Building Engineering</i> , 2019, 24, 100756.	3.4	3
52	Can an earth plaster be efficient when applied on different masonries?. <i>Journal of Building Engineering</i> , 2019, 23, 314-323.	3.4	31
53	Rammed earth walls repair by earth-based mortars: The adequacy to assess effectiveness. <i>Construction and Building Materials</i> , 2019, 205, 213-231.	7.2	31
54	Experimental assessment of bio-based earth bricks durability. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 660, 012069.	0.6	6

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55	The Compatibility of Earth-Based Repair Mortars with Rammed Earth Substrates. , 2019, , 305-318.		2
56	Earth-based mortars for repair and protection of rammed earth walls. Stabilization with mineral binders and fibers. Journal of Cleaner Production, 2018, 172, 2401-2414.	9.3	75
57	Argamassas de cal e terra: características e possibilidades de aplicação. Ambiente Construindo, 2018, 18, 49-62.	0.4	4
58	External treatments for the preventive repair of existing constructions: A review. Construction and Building Materials, 2018, 193, 435-452.	7.2	68
59	Characterisation of old azulejos setting mortars: A contribution to the conservation of this type of coatings. Construction and Building Materials, 2018, 171, 128-139.	7.2	19
60	Eco-efficient earth plasters: influence of clay content, sand particle size and support. Journal of World Architecture, 2018, 2, .	0.1	4
61	Procedure to determine the impact of the surface film resistance on the hygric properties of composite clay/fibre plasters. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	3.1	22
62	Anomalies detection in adhesive wall tiling systems by infrared thermography. Construction and Building Materials, 2017, 148, 419-428.	7.2	40
63	New composite of natural hydraulic lime mortar with graphene oxide. Construction and Building Materials, 2017, 156, 1150-1157.	7.2	46
64	Effectiveness of mortars composition on the embodied carbon long-term impact. Energy and Buildings, 2017, 154, 523-528.	6.7	12
65	Experimental characterization of a Madeira Island basalt traditionally applied in a regional decorative mortar. Journal of Building Engineering, 2017, 13, 326-335.	3.4	10
66	Production of eco-efficient earth-based plasters: Influence of composition on physical performance and bio-susceptibility. Journal of Cleaner Production, 2017, 167, 55-67.	9.3	73
67	Effect of temperature on the sorption curves of earthen materials. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	3.1	14
68	Performance-based methods for masonry building rehabilitation using innovative leaching and hygrothermal risk analyses. Sustainable Cities and Society, 2017, 28, 321-331.	10.4	3
69	Improving Building Technologies with a Sustainable Strategy. Procedia, Social and Behavioral Sciences, 2016, 216, 829-840.	0.5	10
70	Experimental Characterization of an Earth Eco-Efficient Plastering Mortar. Journal of Materials in Civil Engineering, 2016, 28, .	2.9	62
71	Hydric Behavior of Earth Materials and the Effects of Their Stabilization with Cement or Lime: Study on Repair Mortars for Historical Rammed Earth Structures. Journal of Materials in Civil Engineering, 2016, 28, .	2.9	54
72	Eco-Efficient Earthen Plasters: The Influence of the Addition of Natural Fibers. RILEM Bookseries, 2016, , 315-327.	0.4	26

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73	Utiliza�o de colas naturais para placas de derivados de madeira – uma s�ntese. Ci�ncia & Tecnologia Dos Materiais, 2015, 27, 143-151.	0.5	0
74	Evaporation from Porous Building Materials and Its Cooling Potential. Journal of Materials in Civil Engineering, 2015, 27, .	2.9	11
75	Rehabilitation of renders of old buildings in Portugal. Structural Survey, 2015, 33, 337-353.	1.0	5
76	Consolidation and chromatic reintegration of historical renders with lime-based pozzolanic products. Studies in Conservation, 2015, 60, 321-332.	1.1	8
77	Unstabilized Rammed Earth: Characterization of Material Collected from Old Constructions in South Portugal and Comparison to Normative Requirements. International Journal of Architectural Heritage, 2014, 8, 185-212.	3.1	42
78	Lime mortars with ceramic wastes: Characterization of components and their influence on the mechanical behaviour. Construction and Building Materials, 2014, 73, 523-534.	7.2	56
79	Lime mortars with heat treated clays and ceramic waste: A review. Construction and Building Materials, 2014, 73, 125-136.	7.2	89
80	Mechanical and mineralogical properties of natural hydraulic lime-metakaolin mortars in different curing conditions. Construction and Building Materials, 2014, 51, 287-294.	7.2	105
81	New natural hydraulic lime mortars – Physical and microstructural properties in different curing conditions. Construction and Building Materials, 2014, 54, 378-384.	7.2	110
82	Physical and chemical assessment of lime–metakaolin mortars: Influence of binder:aggregate ratio. Cement and Concrete Composites, 2014, 45, 264-271.	10.7	99
83	Influence of Air Lime type and Curing Conditions on Lime and Lime-Metakaolin Mortars. Building Pathology and Rehabilitation, 2013, , 105-126.	0.2	9
84	Cement-cork mortars for thermal bridges correction. Comparison with cement-EPS mortars performance. Construction and Building Materials, 2013, 49, 315-327.	7.2	67
85	Performance Assessment of Waste Fiber-Reinforced Mortar. Materials Science Forum, 2012, 730-732, 617-622.	0.3	3
86	Evaluation of Pozzolanic Reactivity of Artificial Pozzolans. Materials Science Forum, 2012, 730-732, 433-438.	0.3	21
87	Coatings applied on damp building substrates: performance and influence on moisture transport. Journal of Coatings Technology Research, 2011, 8, 513-525.	2.5	22
88	Comparative evaluation of lime mortars for architectural conservation. Journal of Cultural Heritage, 2008, 9, 338-346.	3.3	95
89	Development of Biocolonization Resistant Mortars: Preliminary Results / Entwicklung von M�rteln mit hohem Widerstand gegen biologischen Bewuchs: Vorl�ufige Ergebnisse. Restoration of Buildings and Monuments, 2007, 13, 389-400.	0.6	3
90	Pozzolanic Components in Lime Mortars: Correlating Behaviour, Composition and Microstructure / Puzzolanische Bestandteile in Kalkm�rteln: Zusammenhang zwischen den Eigenschaften, der Zusammensetzung und dem Mikrogef�ge. Restoration of Buildings and Monuments, 2005, 11, 111-118.	0.6	11

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91	Evaluation of Salt Resistant Mortars / Untersuchung der Widerstandsfähigkeit von Mörteln gegen die Einwirkung von Salzen. Restoration of Buildings and Monuments, 2005, 11, 105-110.	0.6	0
92	Current Mortars in Conservation: An Overview / Heute beim Konservieren verwendete Mörtel: Eine Übersicht. Restoration of Buildings and Monuments, 2004, 10, 609-622.	0.6	26
93	Earthen Plasters Based on Illitic Soils from Barrocal Region of Algarve: Contributions for Building Performance and Sustainability. Key Engineering Materials, 0, 678, 64-77.	0.4	31
94	In situ evaluation of the behaviour of earth-based mortar renders with low additions of limes. Conservar Património, 0, 26, 11-21.	0.4	8
95	Marmorite - contribution to a proper preservation of a durable wall coating. Conservar Património, 0, 28, 31-38.	0.4	3
96	Applying Chemometrics to Evaluate Tungsten Mining Residues Potential As Partial Cement Replacement. KnE Engineering, 0, , .	0.1	1
97	Earth mortars use on neolithic domestic structures. Some case studies in Alentejo, Portugal. Conservar Património, 0, 8, 5-12.	0.4	0
98	Avaliação do envelhecimento natural e de tratamentos superficiais ecológicos em rebocos de terra. Conservar Património, 0, 35, 31-44.	0.4	0
99	Earth mortars stabilization: A review. Conservar Património, 0, , .	0.4	1
100	Hygrothermal Behaviour of Air Lime Coatings with Mussel Shell Sand. , 0, , .		0