

Antonio Santos-Silva

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

6,360
citations

76031

42
h-index

90395

73
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195
all docs

195
docs citations

195
times ranked

4170
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.	1.7	10
3	Durability of Earth Materials: Weathering Agents, Testing Procedures and Stabilisation Methods. RILEM State-of-the-Art Reports, 2022, , 211-241.	0.3	2
4	Characterization of Earth Used in Earth Construction Materials. RILEM State-of-the-Art Reports, 2022, , 17-81.	0.3	2
5	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.	0.3	8
6	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.	1.3	3
7	Fernandina Wall of Lisbon: Mineralogical and Chemical Characterization of Rammed Earth and Masonry Mortars. Minerals (Basel, Switzerland), 2022, 12, 241.	0.8	4
8	Bio-Wastes as Aggregates for Eco-Efficient Boards and Panels: Screening Tests of Physical Properties and Bio-Susceptibility. Infrastructures, 2022, 7, 26.	1.4	9
9	A Discussion on Winter Indoor Hygrothermal Conditions and Hygroscopic Behaviour of Plasters in Southern Europe. Infrastructures, 2022, 7, 38.	1.4	6
10	RILEM TC 258-AAA Round Robin Test: Alkali release from aggregates and petrographic analysis. Critical review of the test method AAR-8. Materiales De Construccion, 2022, 72, e279.	0.2	1
11	Alkali-silica reaction in volcanic rocks: a worldwide comparative approach. Materiales De Construccion, 2022, 72, e278.	0.2	2
12	Physical and Mechanical Properties of Reinforced Concrete from 20th-Century Architecture Award-Winning Buildings in Lisbon (Portugal): A Contribution to the Knowledge of Their Evolution and Durability. Construction Materials, 2022, 2, 127-147.	0.5	0
13	Vernacular Earthen Buildings from Leiria, Portugal – Material Characterization. International Journal of Architectural Heritage, 2021, 15, 1285-1300.	1.7	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.	1.6	11
15	Long-term analysis of the physical properties of the mixed recycled aggregate and their effect on the properties of mortars. Construction and Building Materials, 2021, 274, 121796.	3.2	22
16	Effect of innovative bioproducts on air lime mortars. Journal of Building Engineering, 2021, 35, 101985.	1.6	10
17	Vernacular earthen buildings from Leiria, Portugal – Architectural survey towards their conservation and retrofitting. Journal of Building Engineering, 2021, 35, 102115.	1.6	9
18	Use of Bioproducts Derived from Mixed Microbial Cultures Grown with Crude Glycerol to Protect Recycled Concrete Surfaces. Materials, 2021, 14, 2057.	1.3	1

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19	RECYCLING OF ASHES FROM BIOMASS COMBUSTION AS RAW MATERIAL FOR MORTARS. <i>Mix Sustentável</i> , 2021, 7, 137-146.	0.0	1
20	Cement-Bonded Particleboards with Banana Pseudostem Waste: Physical Performance and Bio-Susceptibility. <i>Infrastructures</i> , 2021, 6, 86.	1.4	10
21	Incorporation of Natural Fibres in Rendering Mortars for the Durability of Walls. <i>Infrastructures</i> , 2021, 6, 82.	1.4	3
22	Restoration of ancient gypsum-based plasters: Design of compatible materials. <i>Cement and Concrete Composites</i> , 2021, 120, 104014.	4.6	19
23	20th-Century Award-Winning Buildings in Lisbon (Portugal). Study of Plasters, Rendering, and Concrete Materials Aiming Their Sustainable Preservation. <i>Buildings</i> , 2021, 11, 359.	1.4	6
24	Life Cycle Assessment of Mortars Produced Partially Replacing Cement by Treated Mining Residues. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7947.	1.3	2
25	Traditional and Modern Plasters for Built Heritage: Suitability and Contribution for Passive Relative Humidity Regulation. <i>Heritage</i> , 2021, 4, 2337-2355.	0.9	16
26	Evaluation of alkali-silica reaction in recycled aggregates: The applicability of the mortar bar test. <i>Construction and Building Materials</i> , 2021, 299, 124250.	3.2	6
27	Laboratory characterization of relative humidity dependent properties for plasters: A systematic review. <i>Construction and Building Materials</i> , 2021, 304, 124595.	3.2	10
28	Effects of hygrothermal, UV and SO ₂ accelerated ageing on the durability of ETICS in urban environments. <i>Building and Environment</i> , 2021, 204, 108151.	3.0	28
29	Tests and Simulation of the Bond-Slip between Steel and Concrete with Recycled Aggregates from CDW. <i>Buildings</i> , 2021, 11, 40.	1.4	12
30	Effect of Type of Curing and Metakaolin Replacement on Air Lime Mortars for the Durability of Masonries. <i>Infrastructures</i> , 2021, 6, 143.	1.4	5
31	Recycled Aggregates Produced from Construction and Demolition Waste for Structural Concrete: Constituents, Properties and Production. <i>Materials</i> , 2021, 14, 5748.	1.3	29
32	Recommendation of RILEM TC 258-AAA: RILEM AAR-8: determination of potential releasable alkalis by aggregates in concrete. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	1.3	6
33	Use of Mixed Microbial Cultures to Protect Recycled Concrete Surfaces: A Preliminary Study. <i>Materials</i> , 2021, 14, 6545.	1.3	1
34	Mortars with CDW Recycled Aggregates Submitted to High Levels of CO ₂ . <i>Infrastructures</i> , 2021, 6, 159.	1.4	5
35	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.	1.5	22
36	Electrodialytic removal of tungsten and arsenic from secondary mine resources – Deep eutectic solvents enhancement. <i>Science of the Total Environment</i> , 2020, 710, 136364.	3.9	38

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37	Tensile bond strength of lime-based mortars: The role of the microstructure on their performance assessed by a new non-standard test method. <i>Journal of Building Engineering</i> , 2020, 29, 101136.	1.6	16
38	Study of mechanical properties of alkaline earth hydroxide nanoconsolidants for lime mortars. <i>Construction and Building Materials</i> , 2020, 236, 117520.	3.2	14
39	Study of ASR in concrete with recycled aggregates: Influence of aggregate reactivity potential and cement type. <i>Construction and Building Materials</i> , 2020, 265, 120743.	3.2	5
40	A Review on Alkali-Silica Reaction Evolution in Recycled Aggregate Concrete. <i>Materials</i> , 2020, 13, 2625.	1.3	32
41	Stucco Marble in the Portuguese Architecture: Multi-analytical Characterisation. <i>International Journal of Architectural Heritage</i> , 2020, 14, 977-993.	1.7	6
42	Earth Plasters: The Influence of Clay Mineralogy in the Plasters' Properties. <i>International Journal of Architectural Heritage</i> , 2020, 14, 948-963.	1.7	30
43	Compatible Air Lime Mortars for Historical Tiled Facades: Bond and Mechanical Strength versus Tile-Mortar Interface Microstructure. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	5
44	Concrete-Based and Mixed Waste Aggregates in Rendering Mortars. <i>Materials</i> , 2020, 13, 1976.	1.3	12
45	Comparison of mineralogical, mechanical and hygroscopic characteristic of earthen, gypsum and cement-based plasters. <i>Construction and Building Materials</i> , 2020, 254, 119222.	3.2	40
46	Effect of the source concrete with ASR degradation on the mechanical and physical properties of coarse recycled aggregate. <i>Cement and Concrete Composites</i> , 2020, 111, 103621.	4.6	12
47	Microstructure as a critical factor of cement mortars' behaviour: The effect of aggregates' properties. <i>Cement and Concrete Composites</i> , 2020, 111, 103628.	4.6	24
48	Effect of surface biotreatments on construction materials. <i>Construction and Building Materials</i> , 2020, 241, 118019.	3.2	11
49	Overview of mining residues incorporation in construction materials and barriers for full-scale application. <i>Journal of Building Engineering</i> , 2020, 29, 101215.	1.6	21
50	Assessment of natural aging and ecological surface treatments in earth renders. <i>Conservar Patrimônio</i> , 2020, 35, 31-44.	0.5	0
51	Mineralogical and mechanical characterization of rammed earth external renderings of the south of Portugal. <i>Construction and Building Materials</i> , 2019, 225, 1160-1169.	3.2	7
52	Life Cycle Assessment of Mortars with Incorporation of Industrial Wastes. <i>Fibers</i> , 2019, 7, 59.	1.8	21
53	Efficacy of iron-based bioproducts as surface biotreatment for earth-based plastering mortars. <i>Journal of Cleaner Production</i> , 2019, 237, 117803.	4.6	23
54	Processing of Recycled Aggregates. , 2019, , 57-88.		2

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55	Fresh Concrete Properties. , 2019, , 181-218.		1
56	Recycled Aggregate Concrete. , 2019, , 365-418.		14
57	Studies in ancient gypsum based plasters towards their repair: Physical and mechanical properties. Construction and Building Materials, 2019, 202, 319-331.	3.2	24
58	Properties and Composition of Recycled Aggregates. , 2019, , 89-141.		9
59	Rice husk-earth based composites: A novel bio-based panel for buildings refurbishment. Construction and Building Materials, 2019, 221, 99-108.	3.2	48
60	A semi-destructive assessment method to estimate the residual strength of maritime pine structural elements degraded by anobiids. Materials and Structures/Materiaux Et Constructions, 2019, 52, 1.	1.3	9
61	Scatter of Constitutive Models of the Mechanical Properties of Concrete: Comparison of Major International Codes. Journal of Advanced Concrete Technology, 2019, 17, 102-125.	0.8	10
62	Analytical characterization of ancient mortars from the archaeological roman site of Pisões (Beja), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	39
63	Microstructural Features of Recycled Aggregate Concrete: From Non-Structural to High-Performance Concrete. Microscopy and Microanalysis, 2019, 25, 601-616.	0.2	5
64	Indoor Air Quality Regulation Through the Usage of Eco-Efficient Plasters. Springer Transactions in Civil and Environmental Engineering, 2019, , 383-394.	0.3	0
65	Can an earth plaster be efficient when applied on different masonries?. Journal of Building Engineering, 2019, 23, 314-323.	1.6	31
66	Rammed earth walls repair by earth-based mortars: The adequacy to assess effectiveness. Construction and Building Materials, 2019, 205, 213-231.	3.2	31
67	Assessment of glass fibre reinforced polymer waste reuse as filler in mortars. Journal of Cleaner Production, 2019, 210, 1579-1594.	4.6	52
68	Studies in ancient gypsum based plasters towards their repair: Mineralogy and microstructure. Construction and Building Materials, 2019, 196, 512-529.	3.2	24
69	Water absorption and electrical resistivity of concrete with recycled concrete aggregates and fly ash. Cement and Concrete Composites, 2019, 95, 169-182.	4.6	204
70	Mortars. , 2019, , 169-208.		3
71	Risk of ASR in coating mortars incorporating glass aggregates and a Portlandâ€‘limestone cement. European Journal of Environmental and Civil Engineering, 2019, 23, 226-244.	1.0	3
72	The effects of DiloCarB as carbonation accelerator on the properties of lime mortars. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	11

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73	Application Protocol for the Consolidation of Calcareous Substrates by the Use of Nanolimes: From Laboratory Research to Practice. <i>Restoration of Buildings and Monuments</i> , 2018, 22, 99-109.	0.6	8
74	Earth-based mortars for repair and protection of rammed earth walls. Stabilization with mineral binders and fibers. <i>Journal of Cleaner Production</i> , 2018, 172, 2401-2414.	4.6	75
75	Argamassas de cal e terra: características e possibilidades de aplicação. <i>Ambiente Construído</i> , 2018, 18, 49-62.	0.2	4
76	Inorganic Nanomaterials for Restoration of Cultural Heritage: Synthesis Approaches towards Nanoconsolidants for Stone and Wall Paintings. <i>ChemSusChem</i> , 2018, 11, 4168-4182.	3.6	17
77	Characterisation of old azulejos setting mortars: A contribution to the conservation of this type of coatings. <i>Construction and Building Materials</i> , 2018, 171, 128-139.	3.2	19
78	Evolution of the microstructure of lime based mortars and influence on the mechanical behaviour: The role of the aggregates. <i>Construction and Building Materials</i> , 2018, 187, 907-922.	3.2	90
79	Eco-efficient earth plasters: influence of clay content, sand particle size and support. <i>Journal of World Architecture</i> , 2018, 2, .	0.1	4
80	Durability and Compatibility of Lime-Based Mortars: The Effect of Aggregates. <i>Infrastructures</i> , 2018, 3, 34.	1.4	12
81	Caracterização das argamassas da muralha tardo-romana de Oisipo. <i>DigitAR - Revista Digital De Arqueologia Arquitectura E Artes</i> , 2018, , 15-21.	0.0	0
82	Microstructure and hardened state properties on pozzolan-containing concrete. <i>Construction and Building Materials</i> , 2017, 140, 374-384.	3.2	45
83	Procedure to determine the impact of the surface film resistance on the hygric properties of composite clay/fibre plasters. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	1.3	22
84	Shrinkage and creep performance of concrete with recycled aggregates from CDW plants. <i>Magazine of Concrete Research</i> , 2017, 69, 974-995.	0.9	37
85	Anomalies detection in adhesive wall tiling systems by infrared thermography. <i>Construction and Building Materials</i> , 2017, 148, 419-428.	3.2	40
86	Compared environmental and economic impact from cradle to gate of concrete with natural and recycled coarse aggregates. <i>Journal of Cleaner Production</i> , 2017, 162, 529-543.	4.6	177
87	Evaluation of the effectiveness and compatibility of nanolime consolidants with improved properties. <i>Construction and Building Materials</i> , 2017, 142, 385-394.	3.2	62
88	Methodology for service life prediction of architectural concrete facades. <i>Construction and Building Materials</i> , 2017, 133, 261-274.	3.2	52
89	Influence of recycled aggregates and high contents of fly ash on concrete fresh properties. <i>Cement and Concrete Composites</i> , 2017, 84, 198-213.	4.6	127
90	Effect of incorporation of high volume of recycled concrete aggregates and fly ash on the strength and global warming potential of concrete. <i>Journal of Cleaner Production</i> , 2017, 166, 485-502.	4.6	230

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91	Production of eco-efficient earth-based plasters: Influence of composition on physical performance and bio-susceptibility. <i>Journal of Cleaner Production</i> , 2017, 167, 55-67.	4.6	73
92	Effect of temperature on the sorption curves of earthen materials. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	1.3	14
93	Thermal Performance of Concrete with Recycled Aggregates from CDW Plants. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 740.	1.3	22
94	Assessment of the Alteration of Granitic Rocks and its Influence on Alkalis Release. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 95, 022001.	0.2	5
95	Volcanic Aggregates from Azores and Madeira Archipelagos (Portugal): An Overview Regarding the Alkali Silica Reactions. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 95, 022034.	0.2	0
96	Potentially Reactive Forms of Silica in Volcanic Rocks Using Different Analytical Approaches. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 95, 022040.	0.2	0
97	Natural or Artificial? Multi-Analytical Study of a Scagliola from Estoi Palace Simulating Imperial Red Porphyry. <i>Microscopy and Microanalysis</i> , 2016, 22, 1281-1303.	0.2	9
98	Microstructure of Concrete with Aggregates from Construction and Demolition Waste Recycling Plants. <i>Microscopy and Microanalysis</i> , 2016, 22, 149-167.	0.2	33
99	Understanding the transport of nanolime consolidants within Maastricht limestone. <i>Journal of Cultural Heritage</i> , 2016, 18, 242-249.	1.5	62
100	Effect of solvent on nanolime transport within limestone: How to improve in-depth deposition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 497, 171-181.	2.3	52
101	Optimization of nanolime solvent for the consolidation of coarse porous limestone. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	25
102	Assessment of the potential reactivity of granitic rocks " Petrography and expansion tests. <i>Cement and Concrete Research</i> , 2016, 86, 63-77.	4.6	24
103	Experimental Characterization of an Earth Eco-Efficient Plastering Mortar. <i>Journal of Materials in Civil Engineering</i> , 2016, 28, .	1.3	62
104	Hydric Behavior of Earth Materials and the Effects of Their Stabilization with Cement or Lime: Study on Repair Mortars for Historical Rammed Earth Structures. <i>Journal of Materials in Civil Engineering</i> , 2016, 28, .	1.3	54
105	Eco-Efficient Earthen Plasters: The Influence of the Addition of Natural Fibers. <i>RILEM Bookseries</i> , 2016, , 315-327.	0.2	26
106	The history of <sc>P</sc>ortuguese interior plaster coatings: A mineralogical survey using <sc>XRD</sc>. <i>Archaeometry</i> , 2015, 57, 147-165.	0.6	4
107	Evaporation from Porous Building Materials and Its Cooling Potential. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	1.3	11
108	Potential Reactivity to Alkalis of Portuguese Volcanic Aggregates for Concrete. , 2015, , 55-58.		0

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109	Durability performance of concrete with recycled aggregates from construction and demolition waste plants. <i>Construction and Building Materials</i> , 2015, 77, 357-369.	3.2	246
110	In Situ Characterization of Rammed Earth Wall Renders. <i>International Journal of Architectural Heritage</i> , 2015, 9, 430-442.	1.7	11
111	Consolidation and chromatic reintegration of historical renders with lime-based pozzolanic products. <i>Studies in Conservation</i> , 2015, 60, 321-332.	0.6	8
112	Reduction of the cement content in rendering mortars with fine glass aggregates. <i>Journal of Cleaner Production</i> , 2015, 95, 75-88.	4.6	38
113	Mechanical performance of concrete made with aggregates from construction and demolition waste recycling plants. <i>Journal of Cleaner Production</i> , 2015, 99, 59-74.	4.6	331
114	Feasibility of Creosote Treatment for Glued-Laminated Pine-Timber Railway Sleepers. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, 04014134.	1.3	5
115	Pozzolanic activity of metakaolins by the French standard of the modified Chapelle test: A direct methodology. <i>Acta Geodynamica Et Geomaterialia</i> , 2015, , 289-298.	0.3	62
116	Using fine recycled concrete aggregate for mortar production. <i>Materials Research</i> , 2014, 17, 168-177.	0.6	120
117	Durability of ancient lime mortars in humid environment. <i>Construction and Building Materials</i> , 2014, 66, 606-620.	3.2	61
118	Identification of alkali-reactive aggregates: some examples. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2014, 167, 302-311.	0.7	2
119	Results Comparison of Alkali-Reactivity Tests for Same Aggregates, Using a Kinetic Model. <i>Key Engineering Materials</i> , 2014, 634, 498-505.	0.4	1
120	Unstabilized Rammed Earth: Characterization of Material Collected from Old Constructions in South Portugal and Comparison to Normative Requirements. <i>International Journal of Architectural Heritage</i> , 2014, 8, 185-212.	1.7	42
121	Lime mortars with ceramic wastes: Characterization of components and their influence on the mechanical behaviour. <i>Construction and Building Materials</i> , 2014, 73, 523-534.	3.2	56
122	Synthetic zeolite pellets incorporated to air lime metakaolin mortars: Mechanical properties. <i>Construction and Building Materials</i> , 2014, 69, 243-252.	3.2	13
123	Long-term behavior of lime metakaolin pastes at ambient temperature and humid curing condition. <i>Applied Clay Science</i> , 2014, 88-89, 49-55.	2.6	60
124	Mechanical and mineralogical properties of natural hydraulic lime-metakaolin mortars in different curing conditions. <i>Construction and Building Materials</i> , 2014, 51, 287-294.	3.2	105
125	Physico-mechanical and performance characterization of mortars incorporating fine glass waste aggregate. <i>Cement and Concrete Composites</i> , 2014, 50, 47-59.	4.6	102
126	New natural hydraulic lime mortars Physical and microstructural properties in different curing conditions. <i>Construction and Building Materials</i> , 2014, 54, 378-384.	3.2	110

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127	Physical and chemical assessment of lime–metakaolin mortars: Influence of binder:aggregate ratio. <i>Cement and Concrete Composites</i> , 2014, 45, 264-271.	4.6	99
128	Influence of red mud addition on rheological behavior and hardened properties of mortars. <i>Construction and Building Materials</i> , 2014, 65, 84-91.	3.2	40
129	A Multidisciplinary Approach to the Study of Archaeological Mortars from the Town of Ammaia in the Roman Province of Lusitania (Portugal). <i>Archaeometry</i> , 2014, 56, 1-24.	0.6	31
130	Microstructural Changes of Lime Putty during Aging. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 1524-1532.	1.3	31
131	Influence of Air Lime type and Curing Conditions on Lime and Lime-Metakaolin Mortars. <i>Building Pathology and Rehabilitation</i> , 2013, , 105-126.	0.1	9
132	Influence of water-reducing admixtures on the mechanical performance of recycled concrete. <i>Journal of Cleaner Production</i> , 2013, 59, 93-98.	4.6	173
133	Characterization of Deleterious Expansive Reactions in Fagilde Dam. <i>Metallography, Microstructure, and Analysis</i> , 2013, 2, 299-312.	0.5	1
134	Physical–chemical and mineralogical characterization of fine aggregates from construction and demolition waste recycling plants. <i>Journal of Cleaner Production</i> , 2013, 52, 438-445.	4.6	163
135	ASR of mortars containing glass. <i>Construction and Building Materials</i> , 2013, 47, 489-495.	3.2	73
136	Evaluation of the durability of concrete made with crushed glass aggregates. <i>Journal of Cleaner Production</i> , 2013, 41, 7-14.	4.6	255
137	Rheological properties and hydration behavior of portland cement mortars containing calcined red mud. <i>Canadian Journal of Civil Engineering</i> , 2013, 40, 557-566.	0.7	31
138	Microstructural Characterization of Concrete Prepared with Recycled Aggregates. <i>Microscopy and Microanalysis</i> , 2013, 19, 1222-1230.	0.2	43
139	Phase and Microstructural Characterization of Lime-MK Blended Mixes. <i>Materials Science Forum</i> , 2012, 730-732, 135-140.	0.3	4
140	Evaluation of Pozzolanic Reactivity of Artificial Pozzolans. <i>Materials Science Forum</i> , 2012, 730-732, 433-438.	0.3	21
141	Alkali-Aggregate Reactions in Concrete: Methodologies Applied in the Evaluation of Alkali Reactivity of Aggregates for Concrete. <i>Materials Science Forum</i> , 2012, 730-732, 409-414.	0.3	0
142	Mitigation of Internal Expansive Reaction: The Role of Tungsten Mine Sludge. <i>Materials Science Forum</i> , 2012, 730-732, 468-473.	0.3	2
143	Microstructural Characterization of Consolidant Products for Historical Renders: An Innovative Nanostructured Lime Dispersion and a More Traditional Ethyl Silicate Limewater Solution. <i>Microscopy and Microanalysis</i> , 2012, 18, 1181-1189.	0.2	28
144	Behaviour of Glass in Cement-Based Materials: Its Role on ASR. <i>Materials Science Forum</i> , 2012, 730-732, 415-420.	0.3	6

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145	Incorporation of fine concrete aggregates in mortars. <i>Construction and Building Materials</i> , 2012, 36, 960-968.	3.2	128
146	Historical Heritage: A Study to Conservation. <i>Materials Science Forum</i> , 2012, 730-732, 604-610.	0.3	2
147	Estudo das reações alcalis-silica associadas ao uso da lama vermelha em argamassas colantes e de revestimento. <i>Ceramica</i> , 2012, 58, 90-98.	0.3	6
148	Use of biomass fly ash for mitigation of alkali-silica reaction of cement mortars. <i>Construction and Building Materials</i> , 2012, 26, 687-693.	3.2	76
149	Hydration products of lime-metakaolin pastes at ambient temperature with ageing. <i>Thermochimica Acta</i> , 2012, 535, 36-41.	1.2	85
150	Multi-analytical identification of pigments and pigment mixtures used in 17th century Portuguese azulejos. <i>Journal of the European Ceramic Society</i> , 2012, 32, 37-48.	2.8	68
151	Characterisation of Decorative Portuguese Gypsum Plasters from the Nineteenth and Twentieth Centuries: The Case of the Bolsa Palace in Oporto. <i>RILEM Bookseries</i> , 2012, , 141-151.	0.2	3
152	Diagnosis, Characterisation and Restoration of the Internal Renders of Sant'Assimo Sacramento Church in Lisbon. , 2012, , 175-194.		1
153	Influence of the pre-saturation of recycled coarse concrete aggregates on concrete properties. <i>Magazine of Concrete Research</i> , 2011, 63, 617-627.	0.9	264
154	Seismic resistance of earth construction in Portugal. <i>Engineering Structures</i> , 2011, 33, 932-941.	2.6	78
155	Mineralogical and chemical characterization of historical mortars from military fortifications in Lisbon harbour (Portugal). <i>Environmental Earth Sciences</i> , 2011, 63, 1641-1650.	1.3	40
156	Traditional methods of mortar preparation: The hot lime mix method. <i>Cement and Concrete Composites</i> , 2011, 33, 796-804.	4.6	49
157	Economic analysis of conventional versus selective demolition – A case study. <i>Resources, Conservation and Recycling</i> , 2011, 55, 382-392.	5.3	110
158	Fine sepiolite addition to air lime-metakaolin mortars. <i>Clay Minerals</i> , 2011, 46, 621-635.	0.2	23
159	Anomalies in Wall Renders: Overview of the Main Causes of Degradation. <i>International Journal of Architectural Heritage</i> , 2011, 5, 198-218.	1.7	18
160	Study of Mural Paintings Using <i>In Situ</i> XRF, Confocal Synchrotron- μ XRF, μ XRD, Optical Microscopy, and SEM-EDS – The Case of the Frescoes from Misericordia Church of Odemira. <i>Microscopy and Microanalysis</i> , 2011, 17, 702-709.	0.2	15
161	Concrete with recycled aggregates: the Portuguese experimental research. <i>Materials and Structures/Materiaux Et Constructions</i> , 2010, 43, 35-51.	1.3	62
162	The Application of Fluorescence Microscopy and Scanning Electron Microscopy in the Detection of Delayed Ettringite Formation in Concrete. <i>Materials Science Forum</i> , 2010, 636-637, 1266-1271.	0.3	0

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