

Julia C Mendes

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

671
citations

623188

14
h-index

580395

25
g-index

35
all docs

35
docs citations

35
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping and recycling proposal for the construction and demolition waste generated in the Brazilian Amazon. <i>Resources, Conservation and Recycling</i> , 2022, 176, 105896.	5.3	15
2	Sensitivity analysis of coating mortars according to their specific heat, specific gravity, thermal conductivity, and thickness in contribution to the global thermal performance of buildings. <i>Sustainable Materials and Technologies</i> , 2022, 31, e00381.	1.7	5
3	Comparison of machine learning techniques to predict the compressive strength of concrete and considerations on model generalization. <i>Revista IBRACON De Estruturas E Materiais</i> , 2022, 15, .	0.3	6
4	Predicting the compressive strength of steelmaking slag concrete with machine learning –“ Considerations on developing a mix design tool. <i>Construction and Building Materials</i> , 2022, 341, 127896.	3.2	15
5	Influence of particle size-designed recycled mineral admixtures on the properties of cement-based composites. <i>Construction and Building Materials</i> , 2021, 272, 121640.	3.2	8
6	A review on the evolution of Portland cement and chemical admixtures in Brazil. <i>Revista IBRACON De Estruturas E Materiais</i> , 2021, 14, .	0.3	10
7	A fabricaÃ§Ã£o de sabÃ£o artesanal como forma de proteÃ§Ã£o dos recursos hÃ¡dricos e auxÃ­lio no combate Ã pandemia da COVID-19, por meio do ensino a distÃ¢ncia. <i>Revista Brasileira De ExtensÃ£o UniversitÃ¡ria</i> , 2021, 12, 89-102.	0.1	0
8	Roller-Compacted Concrete Pavements Produced Entirely with Steelmaking Slag Aggregates. <i>ACI Materials Journal</i> , 2021, 118, .	0.3	1
9	Factors affecting the specific heat of conventional and residue-based mortars. <i>Construction and Building Materials</i> , 2020, 237, 117597.	3.2	14
10	Reverse logistics system applied to the reuse of iron ore tailings. <i>Waste Management and Research</i> , 2020, 38, 1429-1437.	2.2	8
11	Correlation Between Ultrasonic Pulse Velocity and Thermal Conductivity of Cement-Based Composites. <i>Journal of Nondestructive Evaluation</i> , 2020, 39, 1.	1.1	9
12	Compressive strength of reduced concrete specimens considering dimensional distortion of coarse aggregates. <i>Construction and Building Materials</i> , 2020, 257, 119448.	3.2	3
13	Coating mortars based on mining and industrial residues. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 1569-1586.	1.6	10
14	Performance of Lightweight Concrete with Expansive and Air-Entraining Admixtures in CFST Columns. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	11
15	Predicting the mechanical properties of lightweight aggregate concrete using finite element method. <i>Revista IBRACON De Estruturas E Materiais</i> , 2020, 13, .	0.3	3
16	Evaluation of fatigue performance of high RAP-WMA mixtures. <i>International Journal of Pavement Research and Technology</i> , 2019, 12, 430-434.	1.3	14
17	On the relationship between morphology and thermal conductivity of cement-based composites. <i>Cement and Concrete Composites</i> , 2019, 104, 103365.	4.6	41
18	Design and thermal evaluation of a social housing model conceived with bioclimatic principles and recycled aggregates. <i>Sustainable Cities and Society</i> , 2019, 51, 101725.	5.1	23

#	ARTICLE	IF	CITATIONS
19	Sensitivity analysis of complex shear modulus using Hirsch model. International Journal of Pavement Research and Technology, 2019, 12, 125-130.	1.3	0
20	Application of Support Vector Machine and Finite Element Method to predict the mechanical properties of concrete. Latin American Journal of Solids and Structures, 2019, 16, .	0.6	12
21	Macroporous Mortars for Laying and Coating. , 2019, 18, 29-41.		6
22	Glass Wool Residue: A Potential Supplementary Cementitious Material. ACI Materials Journal, 2019, 116, .	0.3	1
23	Iron ore tailings in the production of cement tiles: a value analysis on building sustainability. Ambiente ConstruÃdo, 2018, 18, 395-412.	0.2	17
24	Reuse of iron ore tailings from tailings dams as pigment for sustainable paints. Journal of Cleaner Production, 2018, 200, 412-422.	4.6	92
25	Rock Wool Waste as Supplementary Cementitious Material for Portland Cement-Based Composites. ACI Materials Journal, 2018, , .	0.3	6
26	Blast Oxygen Furnace Slag as Chemical Soil Stabilizer for Use in Roads. Journal of Materials in Civil Engineering, 2017, 29, .	1.3	30
27	Technical and Environmental Feasibility of Interlocking Concrete Pavers with Iron Ore Tailings from Tailings Dams. Journal of Materials in Civil Engineering, 2017, 29, .	1.3	34
28	Mechanical, rheological and morphological analysis of cement-based composites with a new LAS-based air entraining agent. Construction and Building Materials, 2017, 145, 648-661.	3.2	41
29	Ladle Furnace Slag as Binder for Cement-Based Composites. Journal of Materials in Civil Engineering, 2017, 29, .	1.3	26
30	Mortars for laying and coating produced with iron ore tailings from tailing dams. Construction and Building Materials, 2016, 112, 988-995.	3.2	100
31	Using Iron Ore Tailings from Tailing Dams as Road Material. Journal of Materials in Civil Engineering, 2016, 28, .	1.3	72
32	Evaluation of the economic feasibility of a processing plant for steelmaking slag. Waste Management and Research, 2016, 34, 107-112.	2.2	25
33	Feasibility Study of Steel Slag Aggregates in Precast Concrete Pavers. ACI Materials Journal, 2016, 113, .	0.3	9
34	USE OF LINEAR ALKYL BENZENE SULFONATE (LAS) AND POLYCARBOXYLATE-ETHER (PCE) AS REAGENTS IN IRON ORE FLOTATION. Holos, 0, 6, 116.	0.0	3