Antonio Azevedo

List of Publications by Year
in descending order

41	177	1163117 8	1125743 13
papers	citations	h-index	g-index

55	55	55	186
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mortar Bond Strength: A Brief Literature Review, Tests for Analysis, New Research Needs and Initial Experiments. Materials, 2022, 15, 2332.	2.9	8
2	Behind the Manufacturing of Industrial Clay Bricks: Drying Stage Predictions Using CFD. Advances in Materials Science and Engineering, 2022, 2022, 1-15.	1.8	3
3	Use of Nondestructive Testing of Ultrasound and Artificial Neural Networks to Estimate Compressive Strength of Concrete. Buildings, 2021, 11, 44.	3.1	30
4	Preliminary Analysis of the Use of Construction Waste to Replace Conventional Aggregates in Concrete. Buildings, 2021, 11, 81.	3.1	15
5	Measurement of the Hygric Resistance of Concrete Blocks with Perfect Contact Interface: Influence of the Contact Area. Open Civil Engineering Journal, 2021, 15, 29-37.	0.8	2
6	Diagnosis and Assessment of Deep Pile Cap Foundation of a Tall Building Affected by Internal Expansion Reactions. Buildings, 2021, 11, 104.	3.1	4
7	AvaliaÃ§Ã£o experimental dos fatores de influÃªncia na aderÃªncia de revestimentos de gesso em pasta. Ambiente ConstruÃdo, 2021, 21, 349-357.	0.4	1
8	On the Use of Embedded Fiber Optic Sensors for Measuring Early-Age Strains in Concrete. Sensors, 2021, 21, 4171.	3.8	6
9	The Influence of Lime Solution in Kneading Water Substitution on Cement Roughcast and Mortar Coating. Materials, 2021, 14, 4174.	2.9	0
10	Technological performance of recycled waste paper cellulosic fibre reinforced cement-based mortars. Journal of Building Pathology and Rehabilitation, 2021, 6, 1.	1.5	12
11	Influence of hydraulic contact interface on drying process of masonry walls. Drying Technology, 2020, 38, 1121-1137.	3.1	4
12	Influence of the Coating System on the Acoustic, Thermal and Luminous Performance of Brazilian Buildings. Designs, 2020, 4, 34.	2.4	0
13	Artificial neural networks to assess the useful life of reinforced concrete elements deteriorated by accelerated chloride tests. Journal of Building Engineering, 2020, 31, 101445.	3.4	18
14	Water Absorption Curves versus Gamma-Ray Attenuation Profiles: A Comparative Analysis of Hygric Permeance Results. Defect and Diffusion Forum, 2020, 400, 32-37.	0.4	0
15	Influence of the contact area in the adherence of mortar â€“ Ceramic tiles interface. Construction and Building Materials, 2020, 243, 118274.	7.2	11
16	The Effect of Soluble Mineral Salts in Ceramic Brick Masonry. International Journal of Civil Engineering, 2020, 18, 685-699.	2.0	3
17	MOISTURE TRANSPORT ACROSS PERFECT CONTACT INTERFACE OF CERAMIC BLOCKS. Journal of Porous Media, 2020, 23, 101-119.	1.9	2
18	Moisture Content Determination. SpringerBriefs in Applied Sciences and Technology, 2020, , 17-29.	0.4	0

#	Article	IF	Citations
19	Interface Influence During the Wetting Process. SpringerBriefs in Applied Sciences and Technology, 2020, , 31-60.	0.4	0
20	State-of-the-Art. SpringerBriefs in Applied Sciences and Technology, 2020, , 5-15.	0.4	1
21	Hygric resistance in multilayer building materials â€“ a prevision new methodology. MATEC Web of Conferences, 2019, 282, 02017.	0.2	0
22	Influence of Different Joints on Moisture Transport in Building Walls - A Brief Review. , 2019, 22, 19-23.		1
23	Ultrasonic Assessment of Damage in Concrete under Compressive and Thermal Loading Using Longitudinal and Transverse Waves. Russian Journal of Nondestructive Testing, 2019, 55, 808-816.	0.9	4
24	Influence of Lime Solution on the Bonding Strength of a Mortar Coating Base. , 2019, 24, 1-10.		0
25	Hygric Permeance - New Calculation Methodology. , 2019, 24, 145-162.		3
26	Structural Performance of Masonry Elements. SpringerBriefs in Applied Sciences and Technology, 2019, , .	0.4	0
27	Compression behaviour of clay bricks prisms, wallets and walls - Coating influence. , 2019, 18, 123-133.		3
28	Physical and Hygrothermal Material Properties. SpringerBriefs in Applied Sciences and Technology, 2019, , 7-20.	0.4	0
29	Influence of Reinforced Mortar Coatings on the Compressive Strength of Masonry Prisms. SpringerBriefs in Applied Sciences and Technology, 2019, , 21-35.	0.4	0
30	Structural Performance of Resistant Masonry Elements. SpringerBriefs in Applied Sciences and Technology, 2019, , 37-68.	0.4	0
31	Interface Influence During the Drying Process. SpringerBriefs in Applied Sciences and Technology, 2019, , 33-59.	0.4	0
32	Hygrothermal Properties of the Tested Materials. SpringerBriefs in Applied Sciences and Technology, 2019, , 3-32.	0.4	1
33	Interface influence on moisture transport in buildings. Construction and Building Materials, 2018, 162, 480-488.	7.2	29
34	Influence of Reinforced Mortar Coatings on the Compressive Strength of Masonry Prisms. Advanced Structured Materials, 2018, , 55-81.	0.5	0
35	Experimental Analyse of the Influence of Different Mortar Rendering Layers in Masonry Buildings. Advanced Structured Materials, 2018, , 83-110.	0.5	0
36	Structural performance of unreinforced masonry elements made with concrete and horizontally perforated ceramic blocks â€“ Laboratory tests. Construction and Building Materials, 2018, 182, 20-34.	7.2	9

#	Article	IF	Citations
37	Preliminary Analysis of the Influence of Reinforced Mortar Coating on the Compressive Strength of Clay Bricks. Open Civil Engineering Journal, 2018, 12, 71-82.	0.8	1
38	Moisture Measuring Device Based on Non-Destructive Method of Gamma Rayâ€™s Attenuation. Defect and Diffusion Forum, 2017, 380, 55-59.	0.4	1
39	Hydric Resistance in Ceramic Samples with Contact Interfaces. U Porto Journal of Engineering, 2017, 3, 60-72.	0.4	0
40	Numerical Analysis of Bottle-Shaped Isolated Struts Concrete Deteriorated by Delayed Ettringite Formation. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 0, , 1.	1.9	2
41	Diagnostic of Concrete Samples of Pile Caps Affected by Internal Swelling Reactions. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 0, , 1.	1.9	2