

Antonio Azevedo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9350808/publications.pdf>

Version: 2024-02-01

41
papers

177
citations

1162367

8
h-index

1125271

13
g-index

55
all docs

55
docs citations

55
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Mortar Bond Strength: A Brief Literature Review, Tests for Analysis, New Research Needs and Initial Experiments. <i>Materials</i> , 2022, 15, 2332.	1.3	8
2	Behind the Manufacturing of Industrial Clay Bricks: Drying Stage Predictions Using CFD. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-15.	1.0	3
3	Use of Nondestructive Testing of Ultrasound and Artificial Neural Networks to Estimate Compressive Strength of Concrete. <i>Buildings</i> , 2021, 11, 44.	1.4	30
4	Preliminary Analysis of the Use of Construction Waste to Replace Conventional Aggregates in Concrete. <i>Buildings</i> , 2021, 11, 81.	1.4	15
5	Measurement of the Hygric Resistance of Concrete Blocks with Perfect Contact Interface: Influence of the Contact Area. <i>Open Civil Engineering Journal</i> , 2021, 15, 29-37.	0.4	2
6	Diagnosis and Assessment of Deep Pile Cap Foundation of a Tall Building Affected by Internal Expansion Reactions. <i>Buildings</i> , 2021, 11, 104.	1.4	4
7	AvaliaÃ§Ã£o experimental dos fatores de influÃªncia na aderÃªncia de revestimentos de gesso em pasta. <i>Ambiente ConstruÃdo</i> , 2021, 21, 349-357.	0.2	1
8	On the Use of Embedded Fiber Optic Sensors for Measuring Early-Age Strains in Concrete. <i>Sensors</i> , 2021, 21, 4171.	2.1	6
9	The Influence of Lime Solution in Kneading Water Substitution on Cement Roughcast and Mortar Coating. <i>Materials</i> , 2021, 14, 4174.	1.3	0
10	Technological performance of recycled waste paper cellulosic fibre reinforced cement-based mortars. <i>Journal of Building Pathology and Rehabilitation</i> , 2021, 6, 1.	0.7	12
11	Influence of hydraulic contact interface on drying process of masonry walls. <i>Drying Technology</i> , 2020, 38, 1121-1137.	1.7	4
12	Influence of the Coating System on the Acoustic, Thermal and Luminous Performance of Brazilian Buildings. <i>Designs</i> , 2020, 4, 34.	1.3	0
13	Artificial neural networks to assess the useful life of reinforced concrete elements deteriorated by accelerated chloride tests. <i>Journal of Building Engineering</i> , 2020, 31, 101445.	1.6	18
14	Water Absorption Curves versus Gamma-Ray Attenuation Profiles: A Comparative Analysis of Hygric Permeance Results. <i>Defect and Diffusion Forum</i> , 2020, 400, 32-37.	0.4	0
15	Influence of the contact area in the adherence of mortar " Ceramic tiles interface. <i>Construction and Building Materials</i> , 2020, 243, 118274.	3.2	11
16	The Effect of Soluble Mineral Salts in Ceramic Brick Masonry. <i>International Journal of Civil Engineering</i> , 2020, 18, 685-699.	0.9	3
17	MOISTURE TRANSPORT ACROSS PERFECT CONTACT INTERFACE OF CERAMIC BLOCKS. <i>Journal of Porous Media</i> , 2020, 23, 101-119.	1.0	2
18	Moisture Content Determination. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020, , 17-29.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Interface Influence During the Wetting Process. SpringerBriefs in Applied Sciences and Technology, 2020, , 31-60.	0.2	0
20	State-of-the-Art. SpringerBriefs in Applied Sciences and Technology, 2020, , 5-15.	0.2	1
21	Hygric resistance in multilayer building materials – a prevision new methodology. MATEC Web of Conferences, 2019, 282, 02017.	0.1	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.	0.3	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, , .	0.2	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.	0.2	0
29	Influence of Reinforced Mortar Coatings on the Compressive Strength of Masonry Prisms. SpringerBriefs in Applied Sciences and Technology, 2019, , 21-35.	0.2	0
30	Structural Performance of Resistant Masonry Elements. SpringerBriefs in Applied Sciences and Technology, 2019, , 37-68.	0.2	0
31	Interface Influence During the Drying Process. SpringerBriefs in Applied Sciences and Technology, 2019, , 33-59.	0.2	0
32	Hygrothermal Properties of the Tested Materials. SpringerBriefs in Applied Sciences and Technology, 2019, , 3-32.	0.2	1
33	Interface influence on moisture transport in buildings. Construction and Building Materials, 2018, 162, 480-488.	3.2	29
34	Influence of Reinforced Mortar Coatings on the Compressive Strength of Masonry Prisms. Advanced Structured Materials, 2018, , 55-81.	0.3	0
35	Experimental Analyse of the Influence of Different Mortar Rendering Layers in Masonry Buildings. Advanced Structured Materials, 2018, , 83-110.	0.3	0
36	Structural performance of unreinforced masonry elements made with concrete and horizontally perforated ceramic blocks – Laboratory tests. Construction and Building Materials, 2018, 182, 20-34.	3.2	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.	0.4	1
38	Moisture Measuring Device Based on Non-Destructive Method of Gamma Ray'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.	0.2	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.	1.0	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.	1.0	2