Jeongsoo Nam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7048290/publications.pdf

Version: 2024-02-01

43	750	516681 16	552766 26
papers	citations	h-index	g-index

43	43	43	664
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of waste glass sand on the thermal behavior and strength of fly ash and GGBS based alkali activated mortar exposed to elevated temperature. Construction and Building Materials, 2022, 316, 125864.	7.2	14
2	Effect of Dune Sand on Drying Shrinkage Cracking of Fly Ash Concrete. Applied Sciences (Switzerland), 2022, 12, 3128.	2.5	4
3	Impact resistance, flexural and tensile properties of amorphous metallic fiber-reinforced cementitious composites according to fiber length. Construction and Building Materials, 2021, 271, 121872.	7.2	9
4	Analysis of the Aggregate Effect on the Compressive Strength of Concrete Using Dune Sand. Applied Sciences (Switzerland), 2021, 11, 1952.	2.5	5
5	Effects of waste glass as a sand replacement on the strength and durability of fly ash/GGBS based alkali activated mortar. Ceramics International, 2021, 47, 21175-21196.	4.8	24
6	Effect of Fiber Blending Ratio on the Tensile Properties of Steel Fiber Hybrid Reinforced Cementitious Composites under Different Strain Rates. Materials, 2021, 14, 4504.	2.9	0
7	Evaluation of Chloride-Ion Diffusion Characteristics of Wave Power Marine Concrete Structures. Materials, 2021, 14, 5675.	2.9	3
8	Compressive Creep and Shrinkage of High-Strength Concrete Based on Limestone Coarse Aggregate Applied to High-Rise Buildings. Materials, 2021, 14, 5026.	2.9	8
9	Explosive Spalling Behavior of Single-Sided Heated Concrete According to Compressive Strength and Heating Rate. Materials, 2021, 14, 6023.	2.9	2
10	Electromagnetic Wave Shielding Properties of Amorphous Metallic Fiber-Reinforced High-Strength Concrete Using Waveguides. Materials, 2021, 14, 7052.	2.9	4
11	A study on the Estimation of the Wave Load on the Structure of wave Energy Converter connected to Rubble-Mound Breakwater. Journal of the Korean Society for Marine Environment & Energy, 2021, 24, 179-190.	0.2	1
12	Effects of strain rate on the tensile behavior of cementitious composites made with amorphous metallic fiber. Cement and Concrete Composites, 2020, 108, 103519.	10.7	9
13	Effects of the strain rate and fiber blending ratio on the tensile behavior of hooked steel fiber and polyvinyl alcohol fiber hybrid reinforced cementitious composites. Cement and Concrete Composites, 2020, 106, 103482.	10.7	16
14	Spalling Resistance of Fiber-Reinforced Ultra-High-Strength Concrete Subjected to the ISO-834 Standard Fire Curve: Effects of Thermal Strain and Water Vapor Pressure. Materials, 2020, 13, 3792.	2.9	8
15	Incorporation of Waste Glass as an Activator in Class-C Fly Ash/GGBS Based Alkali Activated Material. Materials, 2020, 13, 3906.	2.9	7
16	Effect of Injecting Epoxy Resin Adhesive into Cement Mortar on Tile Adhesion Performance. Applied Sciences (Switzerland), 2020, 10, 8527.	2.5	4
17	Influence of amorphous metallic fibers on spalling properties of high-strength concrete exposed to high temperature. Construction and Building Materials, 2020, 263, 120711.	7.2	13
18	Concrete Corrosion Cracking and Transverse Bar Strain Behavior in a Reinforced Concrete Column under Simulated Marine Conditions. Applied Sciences (Switzerland), 2020, 10, 1794.	2.5	14

#	Article	IF	Citations
19	Numerical Investigation on Lateral Confinement Effects on Concrete Cracking Induced by Rebar Corrosion. Materials, 2020, 13, 1156.	2.9	9
20	Effect of Mass Loss of Organic Fiber on the Water Vapor Pressure and Moisture Migration of 150 and 200 MPa Ultra-High Strength Concrete Exposed to High Temperature. Journal of Advanced Concrete Technology, 2020, 18, 339-351.	1.8	5
21	Strength and Microstructure of Class-C Fly Ash and GGBS Blend Geopolymer Activated in NaOH & NaOH + Na2SiO3. Materials, 2020, 13, 59.	2.9	37
22	Direct tensile behavior of amorphous metallic fiber-reinforced cementitious composites: Effect of fiber length, fiber volume fraction, and strain rate. Composites Part B: Engineering, 2019, 177, 107430.	12.0	13
23	Engineering Properties and Optimal Conditions of Cementless Grouting Materials. Materials, 2019, 12, 3059.	2.9	11
24	Influence of Î±-Calcium Sulfate Hemihydrate on Setting, Compressive Strength, and Shrinkage Strain of Cement Mortar. Materials, 2019, 12, 163.	2.9	13
25	Effect of amorphous metallic fiber on mechanical properties of high-strength concrete exposed to high-temperature. Construction and Building Materials, 2019, 218, 448-456.	7.2	16
26	Shrinkage properties of concretes using blast furnace slag and frost-resistant accelerator. Construction and Building Materials, 2019, 220, 1-9.	7.2	16
27	Effect of moisture migration and water vapor pressure build-up with the heating rate on concrete spalling type. Cement and Concrete Research, 2019, 116, 1-10.	11.0	62
28	Strain rate effects on the compressive and tensile behavior of bundle-type polyamide fiber-reinforced cementitious composites. Composites Part B: Engineering, 2019, 160, 50-65.	12.0	27
29	Evaluation of concrete degradation depending on heating conditions by ultrasonic pulse velocity. Construction and Building Materials, 2018, 171, 511-520.	7.2	55
30	Strain Behavior of Concrete Panels Subjected to Different Nose Shapes of Projectile Impact. Materials, 2018, 11, 409.	2.9	11
31	Experimental Investigation on the Blast Resistance of Fiber-Reinforced Cementitious Composite Panels Subjected to Contact Explosions. International Journal of Concrete Structures and Materials, 2017, 11, 29-43.	3.2	24
32	Creep Behavior of High-Strength Concrete Subjected to Elevated Temperatures. Materials, 2017, 10, 781.	2.9	17
33	CRACKING BEHAVIORS CAUSED BY CORRODING BARS AND RISK ASSESSMENT OF CONCRETE PEELING-OFF. Journal of Structural and Construction Engineering, 2017, 82, 329-336.	0.5	0
34	Effectiveness of Fiber Reinforcement on the Mechanical Properties and Shrinkage Cracking of Recycled Fine Aggregate Concrete. Materials, 2016, 9, 131.	2.9	40
35	Comparative assessment of failure characteristics on fiber-reinforced cementitious composite panels under high-velocity impact. Composites Part B: Engineering, 2016, 99, 84-97.	12.0	19
36	Compressive strength, resistance to chloride-ion penetration and freezing/thawing of slag-replaced concrete and cementless slag concrete containing desulfurization slag activator. Construction and Building Materials, 2016, 128, 341-348.	7.2	26

#	Article	IF	Citations
37	CRACKING BEHAVIOR CAUSED BY CORROSION AND INCREASING STRAIN OF TRANSVERSE BARS IN RC COLUMNS UNDER A SALT-ATTACK ENVIRONMENT. Journal of Structural and Construction Engineering, 2016, 81, 323-333.	0.5	2
38	CORROSION BEHAVIORS BEFORE AND AFTER CRACKING INDUCED BY CORRODING BARS AND CRACK PROPAGATIONS. Journal of Structural and Construction Engineering, 2016, 81, 1609-1618.	0.5	2
39	Frost resistance of polyvinyl alcohol fiber and polypropylene fiber reinforced cementitious composites under freeze thaw cycling. Composites Part B: Engineering, 2016, 90, 241-250.	12.0	107
40	Damage Evaluation of Aramid Fiber Reinforced Cement Composites by High Velocity Impact. Asian Journal of Chemistry, 2015, 27, 4266-4270.	0.3	1
41	Assessment of flexural toughness and impact resistance of bundle-type polyamide fiber-reinforced concrete. Composites Part B: Engineering, 2015, 78, 431-446.	12.0	42
42	Static mechanical properties and impact resistance of amorphous metallic fiber-reinforced concrete. Composite Structures, 2015, 134, 831-844.	5.8	30
43	Analysis of hydration heat and autogenous shrinkage of high-strength mass concrete. Magazine of Concrete Research, 2011, 63, 377-389.	2.0	20