Nilufer Ozyurt Zihnioglu

List of Publications by Year
in descending order

26 papers	1,213 citations	567144 15 h-index	642610 23 g-index
26 all docs	26 docs citations	26 times ranked	968 citing authors

#	Article	IF	Citations
1	Effect of pre-saturated lightweight sand on material properties of eco-friendly lightweight cementitious composites. Journal of Sustainable Cement-Based Materials, 2023, 12, 561-579.	1.7	3
2	A comparative study on the performance of RCC for pavements casted in laboratory and field. International Journal of Pavement Engineering, 2022, 23, 1777-1790.	2.2	16
3	Evaluation of mechanical properties and structural behaviour of concrete pavements produced with virgin and recycled aggregates: an experimental and numerical study. International Journal of Pavement Engineering, 2022, 23, 5239-5253.	2.2	8
4	Sustainability and cost-effectiveness of steel and polypropylene fiber reinforced concrete pavement mixtures. Journal of Cleaner Production, 2022, 363, 132582.	4.6	16
5	Blind competition on the numerical simulation of steelâ€fiberâ€reinforced concrete beams failing in shear. Structural Concrete, 2021, 22, 939-967.	1.5	10
6	Post-fire mechanical behavior and recovery of structural reinforced concrete beams. Construction and Building Materials, 2020, 253, 119188.	3.2	18
7	Variation of Flexural Performance Parameters Depending on Specimen Size and Fiber Properties. Journal of Materials in Civil Engineering, 2020, 32, 04020054.	1.3	17
8	Corrosion and Chloride Diffusivity of Reinforced Concrete Cracked under Sustained Flexure. Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, 2020, 31, 10315-10337.	0.5	4
9	Effects of re-curing on microstructure of concrete after high temperature exposure. Construction and Building Materials, 2018, 168, 431-441.	3.2	44
10	Effects of re-curing on residual mechanical properties of concrete after high temperature exposure. Construction and Building Materials, 2018, 159, 540-552.	3.2	46
11	Deterioration and recovery of FRC after high temperature exposure. Cement and Concrete Composites, 2018, 93, 260-273.	4.6	22
12	Mechanical Behavior and Recovery of FRC after High Temperature Exposure. Key Engineering Materials, 2016, 711, 457-464.	0.4	2
13	Characterization of hardened state behavior of self compacting fiber-reinforced cementitious composites (SC-FRCC's) with different beam sizes and fiber types. Composites Part B: Engineering, 2016, 105, 30-45.	5.9	17
14	Particle image velocimetry (PIV) to evaluate fresh and hardened state properties of self compacting fiber-reinforced cementitious composites (SC-FRCCs). Construction and Building Materials, 2015, 78, 450-463.	3.2	12
15	To what extent does the fiber orientation affect mechanical performance?. Construction and Building Materials, 2013, 44, 671-681.	3.2	45
16	High performance concrete under elevated temperatures. Construction and Building Materials, 2013, 44, 317-328.	3.2	118
17	High mechanical performance of fibre reinforced cementitious composites: the role of â€œcasting-flow inducedâ€•fibre orientation. Materials and Structures/Materiaux Et Constructions, 2011, 44, 109-128.	1.3	210
18	Improved strength and durability of fly ash-amended concrete by microbial calcite precipitation. Ecological Engineering, 2011, 37, 554-559.	1.6	214

#	Article	IF	Citations
19	Correlation of fiber dispersion, rheology and mechanical performance of FRCs. Cement and Concrete Composites, 2007, 29, 70-79.	4.6	122
20	Rheology of fiber-reinforced cementitious materials. Cement and Concrete Research, 2007, 37, 191-199.	4.6	91
21	Non-destructive monitoring of fiber orientation using AC-IS: An industrial-scale application. Cement and Concrete Research, 2006, 36, 1653-1660.	4.6	91
22	NON-DESTRUCTIVE MONITORING OF FIBER DISPERSION IN FRCS USING AC-IMPEDANCE SPECTROSCOPY. , 2006, , 285-290.		2
23	Characterizing fiber dispersion in cement composites using AC-Impedance Spectroscopy. Cement and Concrete Composites, 2005, 27, 627-636.	4.6	80
24	Mode I and mixed mode fracture studies in brittle materials using the Brazilian disc specimen. Materials and Structures/Materiaux Et Constructions, 2005, 38, 305-312.	1.3	5
25	Mechanical Properties and Structural Requirements of Recycled Aggregate Concrete for Pavements. , 0, , .		0
26	Effects of Polypropylene Macro Fibers on the Structural Requirements, Cost and Environmental Impact of Concrete Pavements. , 0, , .		0