Tian-Feng Yuan

List of Publications by Year
in descending order

21 papers	391 citations	840776 11 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	270 citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the compressive strength of high-strength concrete: An extreme learning approach. Construction and Building Materials, 2019, 208, 204-219.	7.2	116
2	Comparing Properties of Concrete Containing Electric Arc Furnace Slag and Granulated Blast Furnace Slag. Materials, 2019, 12, 1371.	2.9	43
3	Learned Prediction of Compressive Strength of GGBFS Concrete Using Hybrid Artificial Neural Network Models. Materials, 2019, 12, 3708.	2.9	34
4	Enhancing the tensile capacity of no-slump high-strength high-ductility concrete. Cement and Concrete Composites, 2020, 106, 103458.	10.7	33
5	Non-Tuned Machine Learning Approach for Predicting the Compressive Strength of High-Performance Concrete. Materials, 2020, 13, 1023.	2.9	26
6	Effects of Steelmaking Slag and Moisture on Electrical Properties of Concrete. Materials, 2020, 13, 2675.	2.9	22
7	Assessment of Steel Slag and Steel Fiber to Control Electromagnetic Shielding in High-Strength Concrete. KSCE Journal of Civil Engineering, 2021, 25, 920-930.	1.9	17
8	Experimental Investigation on Mechanical Properties of Hybrid Steel and Polyethylene Fiber-Reinforced No-Slump High-Strength Concrete. International Journal of Polymer Science, 2019, 2019, 1-11.	2.7	16
9	Bond Strength and Flexural Capacity of Normal Concrete Beams Strengthened with No-Slump High-Strength, High-Ductility Concrete. Materials, 2020, 13, 4218.	2.9	15
10	Enhancing the electromagnetic shielding and impact resistance of a reinforced concrete wall for protective structures. Cement and Concrete Composites, 2021, 122, 104148.	10.7	13
11	Effect of Strengthening Methods on Two-Way Slab under Low-Velocity Impact Loading. Materials, 2020, 13, 5603.	2.9	12
12	Synergistic Benefits of Using Expansive and Shrinkage Reducing Admixture on High-Performance Concrete. Materials, 2018, 11, 2514.	2.9	10
13	Mechanical and Electrical Characteristics of Lightweight Aggregate Concrete Reinforced with Steel Fibers. Materials, 2021, 14, 6505.	2.9	7
14	Evaluation of residual bond behavior of CFRP and steel bars embedded in UHPC after exposure to elevated temperature. Journal of Building Engineering, 2022, 56, 104768.	3.4	7
15	Building-Information-Modeling Based Approach to Simulate Strategic Location of Shelter in Place and Its Strengthening Method. Materials, 2021, 14, 3456.	2.9	5
16	Influence of metallic grid and fiber reinforced concrete strengthening on the shielding and impact resistance of concrete walls. Archives of Civil and Mechanical Engineering, 2022, 22, 1.	3.8	5
17	Evaluation on the Microstructure and Durability of High-Strength Concrete Containing Electric Arc Furnace Oxidizing Slag. Materials, 2021, 14, 1304.	2.9	4
18	Assessing the Effects of Steelmaking Slag Powder on the Pore Structure and Durability of Concrete. Korean Society of Hazard Mitigation, 2021, 21, 1-11.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Shielding Effectiveness and Impact Resistance of Concrete Walls Strengthened by High-Strength High-Ductility Concrete. Materials, 2021, 14, 7773.	2.9	2
20	Evacuation Safety and Time in Apartment using Egress Simulation. Korean Society of Hazard Mitigation, 2021, 21, 13-24.	0.2	1
21	Effect of Design Code and Evacuation Information on Strategic Location of Shelter in Place (SIP) in Light Rail Station. Journal of Asian Architecture and Building Engineering, 0, , .	2.0	0