Haifeng Yang

List of Publications by Year
in descending order

22 papers	423 citations	840776 11 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	374 citing authors

#	Article	IF	Citations
1	Bond performance of deformed rebar embedded in recycled aggregate concrete subjected to repeated loading after freezeâ€“thaw cycles. Construction and Building Materials, 2022, 318, 125954.	7.2	10
2	Experimental and theoretical study of bond stress distribution between recycled concrete and deformed steel bar after <scp>freezeâ€“thaw</scp> damage. Structural Concrete, 2022, 23, 3465-3482.	3.1	4
3	Bond behavior between recycled aggregate concrete and steel rebar subjected to biaxial lateral pressure. Structures, 2022, 41, 139-146.	3.6	2
4	Fracture performance of concrete incorporating different levels of recycled coarse aggregate. Structural Concrete, 2021, 22, E48.	3.1	6
5	Fracture behaviors of concrete incorporating different levels of recycled coarse aggregate after exposure to elevated temperatures. Journal of Building Engineering, 2021, 35, 102040.	3.4	5
6	Damage constitutive model of stirrup-confined recycled aggregate concrete after freezing and thawing cycles. Construction and Building Materials, 2020, 253, 119100.	7.2	12
7	Bond behavior between recycled aggregate concrete and deformed rebar after Freeze-thaw damage. Construction and Building Materials, 2020, 250, 118805.	7.2	13
8	Bond Properties of RAC-Filled Square Steel Tubes after High Temperature. Advances in Materials Science and Engineering, 2019, 2019, 1-9.	1.8	6
9	Research on Crack Behavior of Recycled Concrete Beams under Short-term Loading. KSCE Journal of Civil Engineering, 2018, 22, 1763-1770.	1.9	4
10	Effect of limestone powder in manufactured sand on the hydration products and microstructure of recycled aggregate concrete. Construction and Building Materials, 2018, 188, 1045-1049.	7.2	41
11	Bond behavior between recycled aggregate concrete and deformed bars under uniaxial lateral pressure. Construction and Building Materials, 2018, 185, 12-19.	7.2	20
12	Residual compressive stress-strain relation of recycled aggregate concrete after exposure to high temperatures. Structural Concrete, 2017, 18, 479-486.	3.1	27
13	The albedo of crushed-rock layers and its implication to cool roadbeds in permafrost regions. Cold Regions Science and Technology, 2016, 128, 32-37.	3.5	15
14	Evaluation of bond performance between deformed bars and recycled aggregate concrete after high temperatures exposure. Construction and Building Materials, 2016, 112, 885-891.	7.2	51
15	Bond position function between corroded reinforcement and recycled aggregate concrete using beam tests. Construction and Building Materials, 2016, 127, 518-526.	7.2	19
16	Shear behavior of recycled aggregate concrete after exposure to high temperatures. Construction and Building Materials, 2016, 106, 374-381.	7.2	47
17	Gas permeability of pervious concrete and its implications on the application of pervious pavements. Measurement: Journal of the International Measurement Confederation, 2016, 78, 104-110.	5.0	72
18	Water Permeability of Pervious Concrete Is Dependent on the Applied Pressure and Testing Methods. Advances in Materials Science and Engineering, 2015, 2015, 1-6.	1.8	38

#	Article	IF	Citations
19	A Study on the Bond Behavior of Corroded Reinforced Concrete Containing Recycled Aggregates. Advances in Materials Science and Engineering, 2015, 2015, 1-9.	1.8	10
20	Carbonation dominates the acid intake of recycled concrete aggregate subjected to intermittent leaching. Construction and Building Materials, 2015, 89, 110-114.	7.2	13
21	A simplified model for computing pollutants release from granular pavement base to local aquifer. Environmental Earth Sciences, 2014, 72, 1533-1540.	2.7	6
22	Residual fracture energy of natural and recycled aggregate concrete after exposure to high temperatures. Structural Concrete, 0, , .	3.1	2