

# Jingwei Ying

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3490279/publications.pdf>

Version: 2024-02-01

22  
papers

571  
citations

759233

12  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

399  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore structure and chloride diffusivity of recycled aggregate concrete with nano-SiO <sub>2</sub> and nano-TiO <sub>2</sub> . <i>Construction and Building Materials</i> , 2017, 150, 49-55.	7.2	133
2	Durability of Recycled Aggregate Concrete: An Overview. <i>Journal of Advanced Concrete Technology</i> , 2013, 11, 347-359.	1.8	85
3	FEM simulation of chloride diffusion in modeled recycled aggregate concrete. <i>Construction and Building Materials</i> , 2012, 29, 12-23.	7.2	78
4	Five-phase composite sphere model for chloride diffusivity prediction of recycled aggregate concrete. <i>Magazine of Concrete Research</i> , 2013, 65, 573-588.	2.0	36
5	On the variability of chloride diffusion in modelled recycled aggregate concrete. <i>Construction and Building Materials</i> , 2013, 41, 732-741.	7.2	29
6	Influence of Parent Concrete Properties on Compressive Strength and Chloride Diffusion Coefficient of Concrete with Strengthened Recycled Aggregates. <i>Materials</i> , 2020, 13, 4631.	2.9	29
7	Bond of epoxy-coated reinforcement to seawater coral aggregate concrete. <i>Ocean Engineering</i> , 2020, 208, 107350.	4.3	26
8	Axial compressive behavior of GFRP tube confined seawater coral aggregate concrete reinforced with epoxy-coated bars. <i>Composite Structures</i> , 2021, 266, 113807.	5.8	24
9	Test and prediction of chloride diffusion in recycled aggregate concrete. <i>Science China Technological Sciences</i> , 2014, 57, 2357-2370.	4.0	21
10	Simulation of short-wave solar radiative transfer across a roadway embankment. <i>International Journal of Heat and Mass Transfer</i> , 2017, 108, 332-340.	4.8	16
11	Synergistic effects of three-dimensional graphene and silica fume on mechanical and chloride diffusion properties of hardened cement paste. <i>Construction and Building Materials</i> , 2022, 316, 125756.	7.2	14
12	On Probability Distribution of Chloride Diffusion Coefficient for Recycled Aggregate Concrete. <i>International Journal of Concrete Structures and Materials</i> , 2016, 10, 61-73.	3.2	13
13	Bond of epoxy-coated steel bars to seawater sea sand recycled concrete. <i>Structures</i> , 2021, 30, 866-876.	3.6	11
14	Effects of coarse and fine aggregates on long-term mechanical properties of sea sand recycled aggregate concrete. <i>Frontiers of Structural and Civil Engineering</i> , 2021, 15, 754-772.	2.9	11
15	Test and theoretical prediction of chloride ion diffusion in recycled fine aggregate mortar under uniaxial compression. <i>Construction and Building Materials</i> , 2022, 321, 126384.	7.2	11
16	Mechanical Properties of Sea Water Sea Sand Coral Concrete Modified with Different Cement and Fiber Types. <i>Journal of Renewable Materials</i> , 2020, 8, 915-937.	2.2	9
17	Microstructure and Chloride Diffusion Properties of Hardened Fly Ash Cement Paste with Three-dimensional Graphene. <i>International Journal of Concrete Structures and Materials</i> , 2022, 16, .	3.2	8
18	Fracture Behaviour of Real Coarse Aggregate Distributed Concrete under Uniaxial Compressive Load Based on Cohesive Zone Model. <i>Materials</i> , 2021, 14, 4314.	2.9	6

#	ARTICLE	IF	CITATIONS
19	Long term performance of recycled concrete beams with different water-cement ratio and recycled aggregate replacement rate. <i>Frontiers of Structural and Civil Engineering</i> , 2022, 16, 302-315.	2.9	5
20	On Phase Identification of Hardened Cement Pastes by Combined Nanoindentation and Mercury Intrusion Method. <i>Materials</i> , 2021, 14, 3349.	2.9	4
21	Experimental study on seismic behaviors of beam with concrete-encased steel truss. <i>Advances in Structural Engineering</i> , 2018, 21, 2018-2029.	2.4	2
22	On the Mechanical and Electrical Properties of the Composite Structure of PVC Membrane and Thin-Film Battery under Biaxial Tension. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6830.	2.5	0