

# Wan Inn Goh

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

523  
citations

840776

11  
h-index

677142

22  
g-index

35  
all docs

35  
docs citations

35  
times ranked

377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling of seashell waste in concrete: A review. <i>Construction and Building Materials</i> , 2018, 162, 751-764.	7.2	177
2	Development of Thermal Insulating Lightweight Foamed Concrete Reinforced with Polypropylene Fibres. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 4067-4076.	3.0	32
3	Thermo-mechanical properties and sustainability analysis of newly developed eco-friendly structural foamed concrete by reusing palm oil fuel ash and eggshell powder as supplementary cementitious materials. <i>Environmental Science and Pollution Research</i> , 2021, 28, 38947-38968.	5.3	28
4	Utilization of Palm Oil Fuel Ash and Eggshell Powder as Partial Cement Replacement - A Review. <i>Civil Engineering Journal (Iran)</i> , 2018, 4, 1977.	3.9	28
5	Green and Sustainable Concrete – The Potential Utilization of Rice Husk Ash and Egg Shells. <i>Civil Engineering Journal (Iran)</i> , 2019, 5, 74.	3.9	25
6	Chemical and Fresh State Properties of Foamed Concrete Incorporating Palm Oil Fuel Ash and Eggshell Ash as Cement Replacement. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 350.	0.3	22
7	Microstructure and Tensile Strength of Foamed Concrete with Added Polypropylene Fibers. <i>MATEC Web of Conferences</i> , 2017, 103, 01013.	0.2	21
8	Effect of Polypropylene Fibres on the Thermal Conductivity of Lightweight Foamed Concrete. <i>MATEC Web of Conferences</i> , 2018, 150, 03008.	0.2	19
9	Environmental assessment and mechanical properties of Polypropylene Fibres reinforced ternary binder foamed concrete. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2985-3007.	5.3	19
10	Structural performance of FCS wall subjected to axial load. <i>Construction and Building Materials</i> , 2017, 134, 185-198.	7.2	18
11	Effect of Combined Supplementary Cementitious Materials on the Fresh and Mechanical Properties of Eco-Efficient Self-Compacting Concrete. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 10953-10973.	3.0	17
12	Innovative and sustainable green concrete – A potential review on utilization of agricultural waste. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 601, 012026.	0.6	13
13	Influence of polypropylene fibres on the tensile strength and thermal properties of various densities of foamed concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 271, 012058.	0.6	12
14	Evaluation of combined utilization of marble dust powder and fly ash on the properties and sustainability of high-strength concrete. <i>Environmental Science and Pollution Research</i> , 2022, 29, 28005-28019.	5.3	11
15	Structural performance of recycled aggregate in CSP slab subjected to flexure load. <i>Construction and Building Materials</i> , 2016, 115, 669-680.	7.2	10
16	Thermo-Mechanical Properties of Various Densities of Foamed Concrete Incorporating Polypropylene Fibres. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 8171-8186.	3.0	10
17	Numerical analysis and experimental validation of reinforced foamed concrete beam containing partial cement replacement. <i>Case Studies in Construction Materials</i> , 2019, 11, e00297.	1.7	9
18	Flexural Study of Reinforced Foamed Concrete Beam Containing Palm Oil Fuel Ash (POFA) and Eggshell Powder (ESP) as Partial Cement Replacement. <i>International Journal of Sustainable Construction Engineering and Technology</i> , 2019, 10, .	0.3	8

#	ARTICLE	IF	CITATIONS
19	Preliminary Investigation of Thermal Behavior of Lightweight Foamed Concrete Incorporating Palm Oil Fuel Ash and Eggshell Powder. <i>Periodica Polytechnica: Civil Engineering</i> , 2020, , .	0.6	7
20	Thermal Performance Simulation of Eco-Friendly Lightweight Foamed Concrete Incorporating Palm Oil Fuel ash and Eggshell Powder Using ABAQUS. <i>Silicon</i> , 0, , 1.	3.3	5
21	A review on past and present development on the interlocking loadbearing hollow block (ILHB) system. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 140, 012135.	0.3	4
22	Assessing the sustainability and cost-effectiveness of concrete incorporating various fineness of eggshell powder as supplementary cementitious material. <i>Environmental Science and Pollution Research</i> , 2022, 29, 84814-84826.	5.3	4
23	The Use of Recycled Aggregate in a Development of Reinforced Concrete Container as a Retaining Wall: Preliminary Study. <i>Advanced Materials Research</i> , 2013, 831, 153-157.	0.3	3
24	Experimental Study for Structural Behaviour of Precast Lightweight Panel (PLP) Under Flexural Load. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 216, 012035.	0.6	3
25	Development of Self-compacting Concrete Incorporating Palm Oil Fuel Ash and Eggshell Powder as Partial Cement Replacement. <i>Lecture Notes in Civil Engineering</i> , 2021, , 1-12.	0.4	3
26	Structural Behaviour of Precast Lightweight Foamed Concrete Sandwich Panel (PLFP) with Double Shear Truss Connectors under Eccentric Load: Preliminary Result. <i>Advanced Materials Research</i> , 0, 795, 414-418.	0.3	2
27	NUTRIENT LEACH FROM CONCRETE ARTIFICIAL REEF INCORPORATING WITH ORGANIC MATERIAL. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	2
28	Fresh State and Mechanical Properties of Self Compacting Concrete Incorporating High Volume Fly Ash. <i>MATEC Web of Conferences</i> , 2016, 47, 01001.	0.2	2
29	Structural Behaviour of Beam with HDPE Plastic Balls Subjected to Flexural Load. <i>Materials Science Forum</i> , 0, 889, 270-274.	0.3	2
30	Mechanical and Fresh State Properties of Medium Strength Self-Compacting Concrete (SCC) Containing Polypropylene Fibres. <i>MATEC Web of Conferences</i> , 2017, 103, 01011.	0.2	2
31	Precast self-compacting concrete (PSCC) panel with added coir fiber: An overview. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 140, 012138.	0.3	2
32	FRESH STATE AND MECHANICAL PROPERTIES OF SELF COMPACTING CONCRETE INCORPORATING POFA. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	1
33	Flexural Behaviour of Precast Aerated Concrete Panel (PACP) with Added Fibrous Material: An Overview. <i>MATEC Web of Conferences</i> , 2017, 103, 02005.	0.2	1
34	Multidisciplinary Computational Optimization: an Integrated Approach to Achieve Sustainability in Tall Building Design at Early Stage - Review. , 2021, , .		1
35	Structural Behaviour of Precast Lightweight Foamed Concrete Sandwich Panel (PLFP) with Double Shear Truss Connectors under Axial Load: Preliminary Result. <i>Advanced Materials Research</i> , 2013, 795, 190-194.	0.3	0