Wan Inn Goh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7617724/publications.pdf

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	Environmental assessment and mechanical properties of PolypropyleneÂfibres reinforced ternary binder foamed concrete. Environmental Science and Pollution Research, 2022, 29, 2985-3007.	5.3	19
2	Evaluation of combined utilization of marble dust powder and fly ash on the properties and sustainability of high-strength concrete. Environmental Science and Pollution Research, 2022, 29, 28005-28019.	5.3	11
3	Assessing the sustainability and cost-effectiveness of concrete incorporating various fineness of eggshell powder as supplementary cementitious material. Environmental Science and Pollution Research, 2022, 29, 84814-84826.	5.3	4
4	Development of Self-compacting Concrete Incorporating Palm Oil Fuel Ash and Eggshell Powder as Partial Cement Replacement. Lecture Notes in Civil Engineering, 2021, , 1-12.	0.4	3
5	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. Environmental Science and Pollution Research, 2021, 28, 38947-38968.	5.3	28
6	Effect of Combined Supplementary Cementitious Materials on the Fresh and Mechanical Properties of Eco-Efficient Self-Compacting Concrete. Arabian Journal for Science and Engineering, 2021, 46, 10953-10973.	3.0	17
7	Multidisciplinary Computational Optimization: an Integrated Approach to Achieve Sustainability in Tall Building Design at Early Stage - Review. , 2021, , .		1
8	Preliminary Investigation of Thermal Behavior of Lightweight Foamed Concrete Incorporating Palm Oil Fuel Ash and Eggshell Powder. Periodica Polytechnica: Civil Engineering, 2020, , .	0.6	7
9	Thermo-Mechanical Properties of Various Densities of Foamed Concrete Incorporating Polypropylene Fibres. Arabian Journal for Science and Engineering, 2020, 45, 8171-8186.	3.0	10
10	Development of Thermal Insulating Lightweight Foamed Concrete Reinforced with Polypropylene Fibres. Arabian Journal for Science and Engineering, 2020, 45, 4067-4076.	3.0	32
11	Numerical analysis and experimental validation of reinforced foamed concrete beam containing partial cement replacement. Case Studies in Construction Materials, 2019, 11, e00297.	1.7	9
12	Innovative and sustainable green concreteâ€“A potential review on utilization of agricultural waste. IOP Conference Series: Materials Science and Engineering, 2019, 601, 012026.	0.6	13
13	Green and Sustainable Concrete â€“ The Potential Utilization of Rice Husk Ash and Egg Shells. Civil Engineering Journal (Iran), 2019, 5, 74.	3.9	25
14	Flexural Study of Reinforced Foamed Concrete Beam Containing Palm Oil Fuel Ash (POFA) and Eggshell Powder (ESP) as Partial Cement Replacement. International Journal of Sustainable Construction Engineering and Technology, 2019, 10, .	0.3	8
15	Effect of Polypropylene Fibres on the Thermal Conductivity of Lightweight Foamed Concrete. MATEC Web of Conferences, 2018, 150, 03008.	0.2	19
16	Recycling of seashell waste in concrete: A review. Construction and Building Materials, 2018, 162, 751-764.	7.2	177
17	A review on past and present development on the interlocking loadbearing hollow block (ILHB) system. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012135.	0.3	4
18	Precast self-compacting concrete (PSCC) panel with added coir fiber: An overview. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012138.	0.3	2

#	Article	IF	Citations
19	Chemical and Fresh State Properties of Foamed Concrete Incorporating Palm Oil Fuel Ash and Eggshell Ash as Cement Replacement. International Journal of Engineering and Technology(UAE), 2018, 7, 350.	0.3	22
20	Utilization of Palm Oil Fuel Ash and Eggshell Powder as Partial Cement Replacement - A Review. Civil Engineering Journal (Iran), 2018, 4, 1977.	3.9	28
21	Flexural Behaviour of Precast Aerated Concrete Panel (PACP) with Added Fibrous Material: An Overview. MATEC Web of Conferences, 2017, 103, 02005.	0.2	1
22	Mechanical and Fresh State Properties of Medium Strength Self-Compacting Concrete (SCC) Containing Polypropylene Fibres. MATEC Web of Conferences, 2017, 103, 01011.	0.2	2
23	Structural performance of FCS wall subjected to axial load. Construction and Building Materials, 2017, 134, 185-198.	7.2	18
24	Experimental Study for Structural Behaviour of Precast Lightweight Panel (PLP) Under Flexural Load. IOP Conference Series: Materials Science and Engineering, 2017, 216, 012035.	0.6	3
25	Microstructure and Tensile Strength of Foamed Concrete with Added Polypropylene Fibers. MATEC Web of Conferences, 2017, 103, 01013.	0.2	21
26	Influence of polypropylene fibres on the tensile strength and thermal properties of various densities of foamed concrete. IOP Conference Series: Materials Science and Engineering, 2017, 271, 012058.	0.6	12
27	NUTRIENT LEACH FROM CONCRETE ARTIFICIAL REEF INCORPORATING WITH ORGANIC MATERIAL. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2
28	FRESH STATE AND MECHANICAL PROPERTIES OF SELF COMPACTING CONCRETE INCORPORATING POFA. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
29	Fresh State and Mechanical Properties of Self Compacting Concrete Incorporating High Volume Fly Ash. MATEC Web of Conferences, 2016, 47, 01001.	0.2	2
30	Structural performance of recycled aggregate in CSP slab subjected to flexure load. Construction and Building Materials, 2016, 115, 669-680.	7.2	10
31	The Use of Recycled Aggregate in a Development of Reinforced Concrete Container as a Retaining Wall: Preliminary Study. Advanced Materials Research, 2013, 831, 153-157.	0.3	3
32	Structural Behaviour of Precast Lightweight Foamed Concrete Sandwich Panel (PLFP) with Double Shear Truss Connectors under Axial Load: Preliminary Result. Advanced Materials Research, 2013, 795, 190-194.	0.3	0
33	Structural Behaviour of Precast Lightweight Foamed Concrete Sandwich Panel (PLFP) with Double Shear Truss Connectors under Eccentric Load: Preliminary Result. Advanced Materials Research, 0, 795, 414-418.	0.3	2
34	Structural Behaviour of Beam with HDPE Plastic Balls Subjected to Flexural Load. Materials Science Forum, 0, 889, 270-274.	0.3	2
35	Thermal Performance Simulation of Eco-Friendly Lightweight Foamed Concrete Incorporating Palm Oil Fuel ash and Eggshell Powder Using ABAQUS. Silicon, 0, , 1.	3.3	5