

# Siew Choo Chin

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

395  
citations

1039880

9  
h-index

794469

19  
g-index

29  
all docs

29  
docs citations

29  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and mechanical properties of bamboo fiber reinforced composites. <i>Materials Today Communications</i> , 2020, 23, 100876.	0.9	128
2	Eggshell as a partial cement replacement in concrete development. <i>Magazine of Concrete Research</i> , 2018, 70, 662-670.	0.9	49
3	External strengthening of reinforced concrete beam with opening by bamboo fiber reinforced composites. <i>Materials and Structures/Materiaux Et Constructions</i> , 2020, 53, 1.	1.3	29
4	Pozzolanic reactivity and strength activity index of mortar containing palm oil clinker pretreated with hydrochloric acid. <i>Journal of Cleaner Production</i> , 2020, 242, 118565.	4.6	26
5	FRP as strengthening material for Reinforced Concrete beams with openings " A review. <i>KSCE Journal of Civil Engineering</i> , 2015, 19, 213-219.	0.9	19
6	Behaviour of RC beams with CFRP-strengthened openings. <i>Structural Concrete</i> , 2016, 17, 32-43.	1.5	17
7	Effects of used engine oil on slump, compressive strength and oxygen permeability of normal and blended cement concrete. <i>Construction and Building Materials</i> , 2018, 187, 178-184.	3.2	16
8	Compressive strength performance of OPS lightweight aggregate concrete containing coal bottom ash as partial fine aggregate replacement. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 342, 012099.	0.3	15
9	Assessment of Phenolic Compounds Stability and Retention during Spray Drying of <i>Phyllanthus niruri</i> Extracts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 752-761.	1.8	12
10	Effect of Poly(Ethylene-co-Vinyl Acetate) as a Self-Healing Agent in Geopolymer Exposed to Various Curing Temperatures. <i>Materials Science Forum</i> , 0, 841, 16-20.	0.3	11
11	Strengthening Performance of PALF-Epoxy Composite Plate on Reinforced Concrete Beams. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 318, 012026.	0.3	9
12	Strengthening of Reinforced Concrete Beams Using Bamboo Fiber/Epoxy Composite Plates in Flexure. <i>Key Engineering Materials</i> , 2019, 821, 465-471.	0.4	9
13	Potential External Strengthening of Reinforced Concrete Beam Using Natural Fiber Composite Plate. <i>Applied Mechanics and Materials</i> , 2018, 878, 41-48.	0.2	8
14	A review on physical, mechanical, thermal properties and chemical composition of plant fibers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 736, 052017.	0.3	7
15	Natural Lime Treated as Partial Cement Replacement to Produce Concrete. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2017, 7, 1798.	0.2	7
16	Investigation on the durability of use fly ash and eggshells powder to replace the cement in concrete productions. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 244, 012025.	0.2	5
17	INFLUENCE OF ALKALI TREATMENT ON PHYSICO-CHEMICAL PROPERTIES OF MALAYSIAN BAMBOO FIBER: A PRELIMINARY STUDY. <i>Malaysian Journal of Analytical Sciences</i> , 2018, 22, .	0.2	4
18	Behavior of Extended End-Plate Steel Beam to Column Connections. <i>Open Civil Engineering Journal</i> , 2018, 12, 250-262.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Reinforced Concrete Deep Beams with Openings Strengthened Using FRP – A Review. Advanced Materials Research, 0, 1025-1026, 938-943.	0.3	3
20	Mechanical properties of concrete containing microwaved sewage sludge ash as partial cement replacement. IOP Conference Series: Earth and Environmental Science, 0, 244, 012027.	0.2	3
21	A comparative study on different burning method of sewage sludge ash in mortar brick with eggshell powder as additive. AIP Conference Proceedings, 2017, , .	0.3	2
22	Behavior of Double-Web Angles Beam to column connections. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012023.	0.3	2
23	Effect of Defect Width upon Burst Capacity of Composite Repaired Pipe. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012018.	0.3	2
24	Effect of Soil Burial on Mechanical Properties of Bamboo Fiber Reinforced Epoxy Composites. IOP Conference Series: Materials Science and Engineering, 2020, 736, 052016.	0.3	2
25	Performance of Bamboo Fiber Reinforced Composites: Mechanical Properties. Key Engineering Materials, 0, 879, 284-293.	0.4	2
26	The Effect of Water to Cement Ratio on the Fresh and Hardened Mortar Containing Steel Slag as Cement Replacement Material. Key Engineering Materials, 0, 912, 93-101.	0.4	2
27	Effective dispersion of graphene nanoplatelets in epoxy grout for pipeline rehabilitation. AIP Conference Proceedings, 2018, , .	0.3	1
28	Practical Applications of Bamboo as a Building Material: Trends and Challenges. , 2021, , 463-481.		1
29	Effect of column size on the seismic capacity of elevated reinforced concrete water tank. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012010.	0.2	0