

Agusril Syamsir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5228732/publications.pdf>

Version: 2024-02-01

56
papers

687
citations

567281

15
h-index

580821

25
g-index

57
all docs

57
docs citations

57
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties of oil palm fibre-reinforced polymer composites: a review. <i>Journal of Materials Research and Technology</i> , 2022, 17, 33-65.	5.8	92
2	Three point bending flexural strength of cement treated tropical marine soil reinforced by lime treated natural fiber. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 111, 158-166.	5.0	57
3	Product Development of Natural Fibre-Composites for Various Applications: Design for Sustainability. <i>Polymers</i> , 2022, 14, 920.	4.5	53
4	Sustainable Development Perspectives of Solar Energy Technologies with Focus on Solar Photovoltaic—A Review. <i>Energies</i> , 2022, 15, 2790.	3.1	48
5	Introduction of discrete phase model (DPM) in fluid flow: A review. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	41
6	The Versatility of Polymeric Materials as Self-Healing Agents for Various Types of Applications: A Review. <i>Polymers</i> , 2021, 13, 1194.	4.5	38
7	Filament-wound glass-fibre reinforced polymer composites: Potential applications for cross arm structure in transmission towers. <i>Polymer Bulletin</i> , 2023, 80, 1059-1084.	3.3	33
8	Flexural Behavior of Double-Skin Steel Tube Beams Filled with Fiber-Reinforced Cementitious Composite and Strengthened with CFRP Sheets. <i>Materials</i> , 2020, 13, 3064.	2.9	30
9	Flexural Creep Behaviour of Pultruded GFRP Composites Cross-Arm: A Comparative Study on the Effects of Stacking Sequence. <i>Polymers</i> , 2022, 14, 1330.	4.5	25
10	Sugar Palm Fibre-Reinforced Polymer Composites: Influence of Chemical Treatments on Its Mechanical Properties. <i>Materials</i> , 2022, 15, 3852.	2.9	24
11	Stabilization of a Residual Soil Using Calcium and Magnesium Hydroxide Nanoparticles: A Quick Precipitation Method. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4325.	2.5	21
12	Performance Analysis of Full Assembly Glass Fiber-Reinforced Polymer Composite Cross-Arm in Transmission Tower. <i>Polymers</i> , 2022, 14, 1563.	4.5	19
13	Numerical Study of Composite Fiberglass Cross Arms under Statics Loading and Improvement with Sleeve Installation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 530, 012027.	0.6	17
14	Effect of Laminate Properties on the Failure of Cross Arm Structure under Multi-Axial Load. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 530, 012029.	0.6	16
15	Immobilization of Heavy Metals for Building Materials in the Construction Industry – an Overview. <i>Materials Today: Proceedings</i> , 2019, 17, 787-791.	1.8	15
16	Numerical Simulation on the Statics Deformation Study of Composite Cross Arms of Different Materials and Configurations. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 530, 012028.	0.6	15
17	Stacking Sequence Effects on Performance of Composite Laminate Structure Subjected To Multi-Axial Quasi-Static Loading. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 530, 012030.	0.6	13
18	Creep behavior of glass fibre reinforced polymer structures in crossarms transmission line towers. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	12

#	ARTICLE	IF	CITATIONS
19	Development of Natural Fibre-Reinforced Polymer Composites Ballistic Helmet Using Concurrent Engineering Approach: A Brief Review. Sustainability, 2022, 14, 7092.	3.2	12
20	Impact Resistance Behaviour of Banana Fiber Reinforced Slabs. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012017.	0.3	10
21	Impact Resistance Performance of Kenaf Fibre Reinforced Concrete. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012019.	0.3	9
22	Strength enhancement of concrete using incinerated agricultural waste as supplementary cement materials. Scientific Reports, 2021, 11, 12722.	3.3	9
23	Extraction of Metal Oxides from Coal Bottom Ash by Carbon Reduction and Chemical Leaching. Materials Today: Proceedings, 2019, 17, 727-735.	1.8	7
24	Durability control of UV radiation in glass fiber reinforced polymer (GFRP) - A review. AIP Conference Proceedings, 2018, , .	0.4	6
25	SERVICE FREQUENCY AND SERVICE HOURS EVALUATION FOR BUS SERVICE IN WEST KLANG VALLEY. IOP Conference Series: Materials Science and Engineering, 2019, 636, 012008.	0.6	6
26	Effect of combined drink cans and steel fibers on the impact resistance and mechanical properties of concrete. Journal of Mechanical Engineering and Sciences, 2020, 14, 6734-6742.	0.6	6
27	Impact Resistance Behaviour of Light Weight Rice Husk Concrete with Bamboo Reinforcement. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012020.	0.3	5
28	Study on prediction fly ash generation using statistical method. AIP Conference Proceedings, 2018, , .	0.4	5
29	Extraction of iron from coal bottom ash by carbon reduction method. AIP Conference Proceedings, 2018, , .	0.4	4
30	Performance Evaluation of Composite Cross-Arm Structure Under Different Magnitude of Loading. IOP Conference Series: Materials Science and Engineering, 2020, 920, 012005.	0.6	4
31	Numerical Simulation of Cement-Treated Soil Reinforced with Coir Fiber Subjected to Flexural Loading. , 2015, , .		3
32	The Effect of Mortar Grade and Thickness on the Impact Resistance of Ferrocement Slab. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012029.	0.3	3
33	The Effect of Thickness and Mesh Spacing on the Impact Resistance of Ferrocement Slab. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012027.	0.3	3
34	The performance of diapers polymer in concrete as self-curing agent in term of chemical properties. AIP Conference Proceedings, 2018, , .	0.4	3
35	The study of Phosphorus distribution at Putrajaya Wetland. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012092.	0.6	3
36	Evaluating Passenger Load Factor of Public Bus Services in West Klang Valley. Lecture Notes in Civil Engineering, 2020, , 95-102.	0.4	3

#	ARTICLE	IF	CITATIONS
37	Effect of Mesh Distribution on Impact Resistance Performance of Kenaf Fibre Reinforced Concrete. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012025.	0.3	2
38	Attainable Region Approach in Analyzing the Breakage Behavior of a Bed of Olivine Sand Particles: Optimizing Impact Energy and Particle Size. Minerals (Basel, Switzerland), 2020, 10, 1096.	2.0	2
39	Simulation on Air-Fly Ash Particles Using Discrete Phase Method. IOP Conference Series: Materials Science and Engineering, 2020, 920, 012021.	0.6	2
40	Failure analysis of various fiberglass cross-arm designs under multi-axial loading. IOP Conference Series: Materials Science and Engineering, 2020, 920, 012037.	0.6	2
41	Dynamic Analysis of Sandwiched Composite Foldable Structure under Heavy Vehicle Load. Applied Mechanics and Materials, 0, 110-116, 2331-2336.	0.2	1
42	Effect of Thickness and Fibre Volume Fraction on Impact Resistance of Steel Fibre Reinforced Concrete (SFRC). IOP Conference Series: Earth and Environmental Science, 2016, 32, 012026.	0.3	1
43	Effect of Steel Fibres Distribution on Impact Resistance Performance of Steel Fibre Reinforced Concrete (SFRC). IOP Conference Series: Earth and Environmental Science, 2016, 32, 012028.	0.3	1
44	Mechanical properties of high performance self-curing concrete using hydrogel polymer diapers. AIP Conference Proceedings, 2018, , .	0.4	1
45	Immobilization of heavy metal in coal bottom ash (CBA) mortar. AIP Conference Proceedings, 2019, , .	0.4	1
46	CO ₂ Carbonation of Olivine-Admixed Marine Clay: Suitability for Bottom Liner Application. Applied Sciences (Switzerland), 2021, 11, 3164.	2.5	1
47	Mapping of Earthquake-Induced Land Deformation on Urban Area Using Interferometric Synthetic Aperture Radar Data of Sentinel-1. Lecture Notes in Civil Engineering, 2022, , 491-502.	0.4	1
48	Combine effect of soft drink tins and polypropylene fibres on mechanical properties of concrete. AIP Conference Proceedings, 2020, , .	0.4	1
49	Application of sugarcane ash as an additional cementitious material in concrete. Materials Today: Proceedings, 2022, 66, 2824-2829.	1.8	1
50	Extraction of ferum from coal bottom ash using acid soluble and ion exchange leaching method. AIP Conference Proceedings, 2018, , .	0.4	0
51	Comparison of characteristic of iron (Fe) powder using underground explosive pressing and universal testing machine. AIP Conference Proceedings, 2018, , .	0.4	0
52	Analysis of air pollutants source using descriptive method. AIP Conference Proceedings, 2019, , .	0.4	0
53	Flexural Behaviour of Glass Fiber Reinforced Polymer (GFRP) Tubes Subjected to Static Load. Lecture Notes in Civil Engineering, 2021, , 510-516.	0.4	0
54	Enhancement of Energy Dissipation by Using Different Shape of Baffle Block - A Review. Water Resources Development and Management, 2020, , 567-576.	0.4	0

#	ARTICLE	IF	CITATIONS
55	Stability Analysis and Cost Benefit Analysis of the Extension Retaining Wall for Kenyir Dam Spillway. Water Resources Development and Management, 2020, , 671-679.	0.4	0
56	Numerical Modelling Of Glass Fibre Reinforced Polymer (Gfrp) Tube Subjected To Torsion. Jurnal Rekayasa Sipil (JRS-Unand), 2021, 17, 131.	0.1	0