

Salmia Beddu

List of Publications by Year in descending order

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papers

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933447

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all docs

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docs citations

55
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The occurrence of non-steroidal anti-inflammatory drugs (NSAIDs) in Malaysian urban domestic wastewater. <i>Chemosphere</i> , 2022, 287, 132134.	8.2	15
2	Quantification of the Seismic Behavior of a Steel Transmission Tower Subjected to Single and Repeated Seismic Excitations Using Vulnerability Function and Collapse Margin Ratio. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1984.	2.5	3
3	Flight Trajectories Optimization of Fixed-Wing UAV by Bank-Turn Mechanism. <i>Drones</i> , 2022, 6, 69.	4.9	10
4	Performance Analysis of Full Assembly Glass Fiber-Reinforced Polymer Composite Cross-Arm in Transmission Tower. <i>Polymers</i> , 2022, 14, 1563.	4.5	19
5	The Strength and Thermal Properties of Concrete containing Water Absorptive Aggregate from Well-Graded Bottom Ash (BA) as Partial Sand Replacement. <i>Construction and Building Materials</i> , 2022, 339, 127658.	7.2	6
6	Application of sugarcane ash as an additional cementitious material in concrete. <i>Materials Today: Proceedings</i> , 2022, 66, 2824-2829.	1.8	1
7	Application of Response Surface Methodology for the Optimization of Mix Design Concrete Using Coal Bottom Ash as Cement Replacement Material. <i>Lecture Notes in Civil Engineering</i> , 2021, , 396-404.	0.4	6
8	Ecological and health risk assessment of polycyclic aromatic hydrocarbons (PAHs) in Sungai Perak, Malaysia. <i>Journal of Cleaner Production</i> , 2021, 294, 126124.	9.3	19
9	Physicochemical and leaching properties of coal ashes from Malaysian coal power plant. <i>Chemical Physics Letters</i> , 2021, 769, 138420.	2.6	9
10	Strength enhancement of concrete using incinerated agricultural waste as supplementary cement materials. <i>Scientific Reports</i> , 2021, 11, 12722.	3.3	9
11	Physicochemical properties of absorbent hydrogel polymers in disposable baby diapers. <i>Chemical Physics Letters</i> , 2021, 774, 138605.	2.6	5
12	Ecological Risk Indicators for Leached Heavy Metals from Coal Ash Generated at a Malaysian Power Plant. <i>Sustainability</i> , 2021, 13, 10222.	3.2	2
13	Comparison of different curing method for mechanical properties of self-curing agent using diapers polymer. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
14	Assessment of Seismic Building Vulnerability Using Rapid Visual Screening Method through Web-Based Application for Malaysia. <i>Buildings</i> , 2021, 11, 485.	3.1	18
15	Energy Performance of a High-Rise Residential Building Using Fibre-Reinforced Structural Lightweight Aggregate Concrete. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4489.	2.5	5
16	Dataset of computed N-value and factual N-value traced for Soil Subsurface Profiling. <i>Data in Brief</i> , 2020, 31, 105868.	1.0	3
17	Modeling of Cu(II) Adsorption from an Aqueous Solution Using an Artificial Neural Network (ANN). <i>Molecules</i> , 2020, 25, 3263.	3.8	15
18	Dataset on specific UV absorbances (SUVA ₂₅₄) at stretch components of Perak River basin. <i>Data in Brief</i> , 2020, 30, 105518.	1.0	10

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19	Dataset on leaching properties of coal ashes from Malaysian coal power plant. Data in Brief, 2020, 31, 105843.	1.0	11
20	Utilization of fly ash cenosphere to study mechanical and thermal properties of lightweight concrete. AIMS Materials Science, 2020, 7, 911-925.	1.4	13
21	Carbon dioxide sequestration in concrete and its effects on concrete compressive strength. Materials Today: Proceedings, 2020, 31, A18-A21.	1.8	9
22	Step by step procedures: Degradation of polycyclic aromatic hydrocarbons in potable water using photo-Fenton oxidation process. MethodsX, 2019, 6, 1701-1705.	1.6	11
23	Study of physical properties and environmental monitoring for diapers polymer. AIP Conference Proceedings, 2019, , .	0.4	0
24	Immobilization of heavy metal in coal bottom ash (CBA) mortar. AIP Conference Proceedings, 2019, , .	0.4	1
25	Application of response surface methodology for the optimization of polycyclic aromatic hydrocarbons degradation from potable water using photo-Fenton oxidation process. Science of the Total Environment, 2019, 665, 196-212.	8.0	41
26	Mechanical properties of hot-mix asphalt using waste crumber rubber and phenol formaldehyde polymer. AIMS Materials Science, 2019, 6, 1164-1175.	1.4	9
27	Prevention of premature failures of plate bonded flexurally strengthened RC slab using end anchor and connector. AEJ - Alexandria Engineering Journal, 2018, 57, 287-299.	6.4	8
28	The performance of diapers polymer in concrete as self-curing agent in term of chemical properties. AIP Conference Proceedings, 2018, , .	0.4	3
29	Properties of Self-curing High Strength Concrete by using Baby Polymer Diapers. MATEC Web of Conferences, 2018, 203, 06022.	0.2	3
30	Mechanical properties of high performance self-curing concrete using hydrogel polymer diapers. AIP Conference Proceedings, 2018, , .	0.4	1
31	Study on prediction fly ash generation using statistical method. AIP Conference Proceedings, 2018, , .	0.4	5
32	Creep behavior of glass fibre reinforced polymer structures in crossarms transmission line towers. AIP Conference Proceedings, 2018, , .	0.4	12
33	Compressive Strength by Incorporating Quarry Dust in Self-Compacting Concrete Grade M35. Civil Engineering Journal (Iran), 2018, 4, 776.	3.9	3
34	Reducing Heavy Metal Element from Coal Bottom Ash by Using Citric Acid Leaching Treatment. MATEC Web of Conferences, 2017, 103, 01004.	0.2	13
35	Plagiarism in Publications Using the Unpublished Raw Data of Archived Research. Science and Engineering Ethics, 2017, 23, 635-636.	2.9	5
36	Effects of heating durations on normal concrete residual properties: compressive strength and mass loss. IOP Conference Series: Materials Science and Engineering, 2017, 271, 012013.	0.6	10

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37	Coal Bottom Ash as Sustainable Material in Concrete – A Review. Indian Journal of Science and Technology, 2017, 10, 1-10.	0.7	18
38	Self-curing Concrete using Baby Diapers Polymer. Indian Journal of Science and Technology, 2017, 10, .	0.7	10
39	Heat Lump in Different Pavement Layer Using Ethylene Glycol as A Solar Heat Collector. MATEC Web of Conferences, 2017, 87, 01015.	0.2	1
40	INFLUENCE OF CURING ON THE PROPERTIES OF HIGH VOLUME FLY ASH CONCRETE. MATTER International Journal of Science and Technology, 2017, 3, 308-315.	0.1	2
41	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
42	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
43	A Conceptual Framework for Procurement Decision Making Model to Optimize Supplier Selection: The Case of Malaysian Construction Industry. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012034.	0.3	0
44	Finite Element Analysis of the Maximum Stress at the Joints of the Transmission Tower. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012044.	0.3	4
45	Impact Resistance Performance of Kenaf Fibre Reinforced Concrete. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012019.	0.3	9
46	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
47	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
48	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
49	Impact Resistance Behaviour of Banana Fiber Reinforced Slabs. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012017.	0.3	10
50	Impact resistance of oil palm shells concrete reinforced with polypropylene fibre. Construction and Building Materials, 2016, 123, 394-403.	7.2	42
51	The Feasibility of Palm Kernel Shell as a Replacement for Coarse Aggregate in Lightweight Concrete. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012040.	0.3	10
52	The Potential of Heat Collection from Solar Radiation in Asphalt Solar Collectors in Malaysia. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012045.	0.3	3
53	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
54	Encapsulation of a Decision-Making Model to Optimize Supplier Selection via Structural Equation Modeling (SEM). IOP Conference Series: Earth and Environmental Science, 2016, 32, 012033.	0.3	0

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55	Microwave Incinerated Rice Husk Ash (MIRHA) and Used Engine Oil (UEO): Towards Sustainable Concrete Production. Applied Mechanics and Materials, 0, 567, 434-439.	0.2	6