

# Salmia Beddu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45  
papers

200  
citations

7  
h-index

11  
g-index

55  
ext. papers

302  
ext. citations

2.3  
avg, IF

3.13  
L-index

#	Paper	IF	Citations
45	The occurrence of non-steroidal anti-inflammatory drugs (NSAIDs) in Malaysian urban domestic wastewater. <i>Chemosphere</i> , <b>2022</b> , 287, 132134	8.4	2
44	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> , <b>2022</b> , 12, 1984	2.6	0
43	Flight Trajectories Optimization of Fixed-Wing UAV by Bank-Turn Mechanism. <i>Drones</i> , <b>2022</b> , 6, 69	5.4	1
42	Performance Analysis of Full Assembly Glass Fiber-Reinforced Polymer Composite Cross-Arm in Transmission Tower.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	4
41	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> , <b>2022</b> , 339, 127658	6.7	1
40	Assessment of Seismic Building Vulnerability Using Rapid Visual Screening Method through Web-Based Application for Malaysia. <i>Buildings</i> , <b>2021</b> , 11, 485	3.2	4
39	Ecological and health risk assessment of polycyclic aromatic hydrocarbons (PAHs) in Sungai Perak, Malaysia. <i>Journal of Cleaner Production</i> , <b>2021</b> , 294, 126124	10.3	4
38	Physicochemical and leaching properties of coal ashes from Malaysian coal power plant. <i>Chemical Physics Letters</i> , <b>2021</b> , 769, 138420	2.5	5
37	Strength enhancement of concrete using incinerated agricultural waste as supplementary cement materials. <i>Scientific Reports</i> , <b>2021</b> , 11, 12722	4.9	2
36	Physicochemical properties of absorbent hydrogel polymers in disposable baby diapers. <i>Chemical Physics Letters</i> , <b>2021</b> , 774, 138605	2.5	1
35	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> , <b>2021</b> , 396-404	0.3	5
34	Ecological Risk Indicators for Leached Heavy Metals from Coal Ash Generated at a Malaysian Power Plant. <i>Sustainability</i> , <b>2021</b> , 13, 10222	3.6	0
33	Dataset on specific UV absorbances (SUVA) at stretch components of Perak River basin. <i>Data in Brief</i> , <b>2020</b> , 30, 105518	1.2	2
32	Dataset on leaching properties of coal ashes from Malaysian coal power plant. <i>Data in Brief</i> , <b>2020</b> , 31, 105843	1.2	8
31	Utilization of fly ash cenosphere to study mechanical and thermal properties of lightweight concrete. <i>AIMS Materials Science</i> , <b>2020</b> , 7, 911-925	1.9	6
30	Carbon dioxide sequestration in concrete and its effects on concrete compressive strength. <i>Materials Today: Proceedings</i> , <b>2020</b> , 31, A18-A21	1.4	1
29	Energy Performance of a High-Rise Residential Building Using Fibre-Reinforced Structural Lightweight Aggregate Concrete. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4489	2.6	1

28	Dataset of computed N-value and factual N-value traced for Soil Subsurface Profiling. <i>Data in Brief</i> , <b>2020</b> , 31, 105868	1.2	1
27	Modeling of Cu(II) Adsorption from an Aqueous Solution Using an Artificial Neural Network (ANN). <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
26	Step by step procedures: Degradation of polycyclic aromatic hydrocarbons in potable water using photo-Fenton oxidation process. <i>MethodsX</i> , <b>2019</b> , 6, 1701-1705	1.9	11
25	Mechanical properties of hot-mix asphalt using waste crumber rubber and phenol formaldehyde polymer. <i>AIMS Materials Science</i> , <b>2019</b> , 6, 1164-1175	1.9	3
24	Application of response surface methodology for the optimization of polycyclic aromatic hydrocarbons degradation from potable water using photo-Fenton oxidation process. <i>Science of the Total Environment</i> , <b>2019</b> , 665, 196-212	10.2	27
23	Prevention of premature failures of plate bonded flexurally strengthened RC slab using end anchor and connector. <i>AEJ - Alexandria Engineering Journal</i> , <b>2018</b> , 57, 287-299	6.1	4
22	Compressive Strength by Incorporating Quarry Dust in Self-Compacting Concrete Grade M35. <i>Civil Engineering Journal (Iran)</i> , <b>2018</b> , 4, 776	5.2	3
21	Properties of Self-curing High Strength Concrete by using Baby Polymer Diapers. <i>MATEC Web of Conferences</i> , <b>2018</b> , 203, 06022	0.3	1
20	Creep behavior of glass fibre reinforced polymer structures in crossarms transmission line towers <b>2018</b> ,		9
19	Self-curing Concrete using Baby Diapers Polymer. <i>Indian Journal of Science and Technology</i> , <b>2017</b> , 10,	1	3
18	Heat Lump in Different Pavement Layer Using Ethylene Glycol as A Solar Heat Collector. <i>MATEC Web of Conferences</i> , <b>2017</b> , 87, 01015	0.3	1
17	Reducing Heavy Metal Element from Coal Bottom Ash by Using Citric Acid Leaching Treatment. <i>MATEC Web of Conferences</i> , <b>2017</b> , 103, 01004	0.3	8
16	Plagiarism in Publications Using the Unpublished Raw Data of Archived Research. <i>Science and Engineering Ethics</i> , <b>2017</b> , 23, 635-636	3.1	3
15	Effects of heating durations on normal concrete residual properties: compressive strength and mass loss. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012013	0.4	6
14	Coal Bottom Ash as Sustainable Material in Concrete ? A Review. <i>Indian Journal of Science and Technology</i> , <b>2017</b> , 10, 1-10	1	11
13	Impact resistance of oil palm shells concrete reinforced with polypropylene fibre. <i>Construction and Building Materials</i> , <b>2016</b> , 123, 394-403	6.7	29
12	The Feasibility of Palm Kernel Shell as a Replacement for Coarse Aggregate in Lightweight Concrete. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012040	0.3	7
11	The Potential of Heat Collection from Solar Radiation in Asphalt Solar Collectors in Malaysia. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012045	0.3	

10	Encapsulation of a Decision-Making Model to Optimize Supplier Selection via Structural Equation Modeling (SEM). <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012033	0.3	
9	Effect of Thickness and Fibre Volume Fraction on Impact Resistance of Steel Fibre Reinforced Concrete (SFRC). <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012026	0.3	
8	A Conceptual Framework for Procurement Decision Making Model to Optimize Supplier Selection: The Case of Malaysian Construction Industry. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012034	0.3	
7	Finite Element Analysis of the Maximum Stress at the Joints of the Transmission Tower. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012044	0.3	3
6	Impact Resistance Performance of Kenaf Fibre Reinforced Concrete. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012019	0.3	3
5	Impact Resistance Behaviour of Light Weight Rice Husk Concrete with Bamboo Reinforcement. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012020	0.3	3
4	Effect of Mesh Distribution on Impact Resistance Performance of Kenaf Fibre Reinforced Concrete. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012025	0.3	
3	Effect of Steel Fibres Distribution on Impact Resistance Performance of Steel Fibre Reinforced Concrete (SFRC). <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012028	0.3	0
2	Impact Resistance Behaviour of Banana Fiber Reinforced Slabs. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 32, 012017	0.3	6
1	Microwave Incinerated Rice Husk Ash (MIRHA) and Used Engine Oil (UEO): Towards Sustainable Concrete Production. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 567, 434-439	0.3	4