

Karam M Al-Obaidi

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

953
citations

567144

15
h-index

454834

30
g-index

34
all docs

34
docs citations

34
times ranked

840
citing authors

#	ARTICLE	IF	CITATIONS
1	Passive cooling techniques through reflective and radiative roofs in tropical houses in Southeast Asia: A literature review. <i>Frontiers of Architectural Research</i> , 2014, 3, 283-297.	1.3	153
2	Design optimisation of solar shading systems for tropical office buildings: Challenges and future trends. <i>Solar Energy</i> , 2018, 170, 849-872.	2.9	94
3	Analyzing the thermal comfort conditions of outdoor spaces in a university campus in Kuala Lumpur, Malaysia. <i>Science of the Total Environment</i> , 2019, 666, 1327-1345.	3.9	84
4	Biomimetic building skins: An adaptive approach. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 1472-1491.	8.2	72
5	Dynamic shading systems: A review of design parameters, platforms and evaluation strategies. <i>Automation in Construction</i> , 2019, 102, 195-216.	4.8	64
6	Recycling of end-of-life vehicles (ELVs) for building products: Concept of processing framework from automotive to construction industries in Malaysia. <i>Journal of Cleaner Production</i> , 2018, 190, 285-302.	4.6	61
7	Design and performance of a novel innovative roofing system for tropical landed houses. <i>Energy Conversion and Management</i> , 2014, 85, 488-504.	4.4	48
8	A study of the impact of environmental loads that penetrate a passive skylight roofing system in Malaysian buildings. <i>Frontiers of Architectural Research</i> , 2014, 3, 178-191.	1.3	44
9	A review of the potential of attic ventilation by passive and active turbine ventilators in tropical Malaysia. <i>Sustainable Cities and Society</i> , 2014, 10, 232-240.	5.1	40
10	Designing an integrated daylighting system for deep-plan spaces in Malaysian low-rise buildings. <i>Solar Energy</i> , 2017, 149, 85-101.	2.9	32
11	Determining Success Criteria and Success Factors for International Construction Projects for Malaysian Contractors. <i>Construction Economics and Building</i> , 2017, 17, 62-80.	0.5	28
12	Sustainable Building Assessment of Colonial Shophouses after Adaptive Reuse in Kuala Lumpur. <i>Buildings</i> , 2017, 7, 87.	1.4	26
13	Achieving energy efficiency through industrialized building system for residential buildings in Iraq. <i>International Journal of Sustainable Built Environment</i> , 2015, 4, 78-90.	3.2	22
14	Assessing the allowable daylight illuminance from skylights in single-storey buildings in Malaysia: a review. <i>International Journal of Sustainable Building Technology and Urban Development</i> , 2015, 6, 236-248.	1.0	20
15	A Review of Skylight Glazing Materials in Architectural Designs for a Better Indoor Environment. <i>Modern Applied Science</i> , 2013, 8, .	0.4	18
16	Evaluating Housing Needs and Preferences of Generation Y in Malaysia. <i>Planning Practice and Research</i> , 2018, 33, 172-185.	0.8	16
17	Effective use of hybrid turbine ventilator to improve thermal performance in Malaysian tropical houses. <i>Building Services Engineering Research and Technology</i> , 2016, 37, 755-768.	0.9	15
18	Environmental design solutions for existing concrete flat roofs in low-cost housing to improve passive cooling in western Mexico. <i>Journal of Cleaner Production</i> , 2020, 277, 123992.	4.6	15

#	ARTICLE	IF	CITATIONS
19	Rethinking the Malaysian Affordable Housing Design Typology in View of Global Warming Considerations. <i>Journal of Sustainable Development</i> , 2013, 6, .	0.1	13
20	Investigation of Passive Design Techniques for Pitched Roof Systems in the Tropical Region. <i>Modern Applied Science</i> , 2014, 8, .	0.4	13
21	Feasibility Study on Solar Power Plant Utility Grid under Malaysia Feed-in Tariff. <i>American Journal of Engineering and Applied Sciences</i> , 2015, 8, 210-222.	0.3	13
22	Potential of fibre optic daylighting systems in tropical Malaysia. <i>Indoor and Built Environment</i> , 2016, 25, 466-480.	1.5	13
23	A comparative study between unvented and vented attics powered by the hybrid turbine ventilator in Malaysian houses. <i>International Journal of Sustainable Energy</i> , 2016, 35, 148-160.	1.3	10
24	A review study on the application of the fibre optic daylighting system in Malaysian buildings. <i>International Journal of Sustainable Building Technology and Urban Development</i> , 2014, 5, 146-158.	1.0	9
25	Evaluating Potential Environmental Variables and Active Aging in Older Adults for Age-Friendly Neighborhoods in Malaysia. <i>Journal of Housing for the Elderly</i> , 2017, 31, 74-92.	0.7	8
26	Empirical Evaluation of the Effect of Heat Gain from Fiber Optic Daylighting System on Tropical Building Interiors. <i>Sustainability</i> , 2014, 6, 9231-9243.	1.6	7
27	Improving the Thermal Performance of Indirect Evaporative Cooling by Using a Wet Fabric Device on a Concrete Roof in Hot and Humid Climates. <i>Energies</i> , 2022, 15, 2213.	1.6	5
28	Energy Efficient Skylight Design in Tropical Houses. <i>Key Engineering Materials</i> , 2014, 632, 45-56.	0.4	3
29	Performance Evaluation of Solar-Powered Atmospheric Water Harvesting Using Different Glazing Materials in the Tropical Built Environment: An Experimental Study. <i>Energies</i> , 2022, 15, 3026.	1.6	3
30	Toplighting Systems for Improving Indoor Environment: A Review. , 2016, , 117-136.		2
31	Improving Stack Effect in Hot Humid Building Interiors with Hybrid Turbine Ventilator(s). <i>MATEC Web of Conferences</i> , 2014, 17, 01012.	0.1	1
32	Exploration in Using Algae to Enhance Indoor Environment in the Tropical Climate. , 2019, , .		1
33	THE BEHAVIOR OF INTERNAL HUMIDITY FROM FIBRE OPTIC DAYLIGHTING SYSTEM APPLICATION. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 75, .	0.3	0
34	ENERGY EFFICIENCY POLICY FOR EXISTING TYPICAL CAMPUS BUILDINGS IN THE UNIVERSITY OF MALAYA. <i>Planning Malaysia</i> , 2016, 14, .	0.2	0