

# Karam M Al-Obaidi

## List of Publications by Year in descending order

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34  
papers

953  
citations

567144

15  
h-index

454834

30  
g-index

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all docs

34  
docs citations

34  
times ranked

840  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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         |
| 2  | 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         |
| 3  | 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        |
| 4  | Exploration in Using Algae to Enhance Indoor Environment in the Tropical Climate. , 2019, , .  |     | 1         |
| 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  | 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        |
| 7  | 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        |
| 8  | Evaluating Housing Needs and Preferences of Generation Y in Malaysia. <i>Planning Practice and Research</i> , 2018, 33, 172-185.   | 0.8 | 16        |
| 9  | 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        |
| 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 | Biomimetic building skins: An adaptive approach. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 1472-1491.  | 8.2 | 72        |
| 12 | 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         |
| 13 | Sustainable Building Assessment of Colonial Shophouses after Adaptive Reuse in Kuala Lumpur. <i>Buildings</i> , 2017, 7, 87.   | 1.4 | 26        |
| 14 | 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        |
| 15 | 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        |
| 16 | Toplighting Systems for Improving Indoor Environment: A Review. , 2016, , 117-136.   |     | 2         |
| 17 | Potential of fibre optic daylighting systems in tropical Malaysia. <i>Indoor and Built Environment</i> , 2016, 25, 466-480.  | 1.5 | 13        |
| 18 | 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        |

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|----|---|-----|-----------|
| 19 | ENERGY EFFICIENCY POLICY FOR EXISTING TYPICAL CAMPUS BUILDINGS IN THE UNIVERSITY OF MALAYA. Planning Malaysia, 2016, 14, .  | 0.2 | 0         |
| 20 | Feasibility Study on Solar Power Plant Utility Grid under Malaysia Feed-in Tariff. American Journal of Engineering and Applied Sciences, 2015, 8, 210-222.  | 0.3 | 13        |
| 21 | THE BEHAVIOR OF INTERNAL HUMIDITY FROM FIBRE OPTIC DAYLIGHTING SYSTEM APPLICATION. Jurnal Teknologi (Sciences and Engineering), 2015, 75, .   | 0.3 | 0         |
| 22 | Assessing the allowable daylight illuminance from skylights in single-storey buildings in Malaysia: a review. International Journal of Sustainable Building Technology and Urban Development, 2015, 6, 236-248. | 1.0 | 20        |
| 23 | Achieving energy efficiency through industrialized building system for residential buildings in Iraq. International Journal of Sustainable Built Environment, 2015, 4, 78-90.                                   | 3.2 | 22        |
| 24 | Investigation of Passive Design Techniques for Pitched Roof Systems in the Tropical Region. Modern Applied Science, 2014, 8, .  | 0.4 | 13        |
| 25 | Empirical Evaluation of the Effect of Heat Gain from Fiber Optic Daylighting System on Tropical Building Interiors. Sustainability, 2014, 6, 9231-9243.   | 1.6 | 7         |
| 26 | Improving Stack Effect in Hot Humid Building Interiors with Hybrid Turbine Ventilator(s). MATEC Web of Conferences, 2014, 17, 01012.  | 0.1 | 1         |
| 27 | A review study on the application of the fibre optic daylighting system in Malaysian buildings. International Journal of Sustainable Building Technology and Urban Development, 2014, 5, 146-158.               | 1.0 | 9         |
| 28 | Passive cooling techniques through reflective and radiative roofs in tropical houses in Southeast Asia: A literature review. Frontiers of Architectural Research, 2014, 3, 283-297.                             | 1.3 | 153       |
| 29 | Energy Efficient Skylight Design in Tropical Houses. Key Engineering Materials, 2014, 632, 45-56.   | 0.4 | 3         |
| 30 | A review of the potential of attic ventilation by passive and active turbine ventilators in tropical Malaysia. Sustainable Cities and Society, 2014, 10, 232-240.   | 5.1 | 40        |
| 31 | Design and performance of a novel innovative roofing system for tropical landed houses. Energy Conversion and Management, 2014, 85, 488-504.  | 4.4 | 48        |
| 32 | A study of the impact of environmental loads that penetrate a passive skylight roofing system in Malaysian buildings. Frontiers of Architectural Research, 2014, 3, 178-191.                                    | 1.3 | 44        |
| 33 | A Review of Skylight Glazing Materials in Architectural Designs for a Better Indoor Environment. Modern Applied Science, 2013, 8, .   | 0.4 | 18        |
| 34 | Rethinking the Malaysian Affordable Housing Design Typology in View of Global Warming Considerations. Journal of Sustainable Development, 2013, 6, .  | 0.1 | 13        |