

# Syed Ahmad Farhan Syed Ahmad Iskandar

## List of Publications by Year in descending order

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34  
papers

243  
citations

1307366

7  
h-index

1281743

11  
g-index

35  
all docs

35  
docs citations

35  
times ranked

161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges for Implementation of Building Information Modeling (BIM) in Malaysian Construction Industry. <i>Applied Mechanics and Materials</i> , 0, 567, 559-564.	0.2	29
2	A multivariable regression tool for embodied carbon footprint prediction in housing habitat. <i>Habitat International</i> , 2016, 53, 292-300.	2.3	29
3	Effect of silica aerogel on the thermal conductivity of cement paste for the construction of concrete buildings in sustainable cities. <i>WIT Transactions on the Built Environment</i> , 2014, , .	0.0	21
4	Fire-Exposed Fly-Ash-Based Geopolymer Concrete: Effects of Burning Temperature on Mechanical and Microstructural Properties. <i>Materials</i> , 2022, 15, 1884.	1.3	16
5	4D BIM Application in AEC Industry: Impact on Integrated Project Delivery. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2015, 10, 547-552.	0.1	13
6	Effect of Roof Tile Colour on Heat Conduction Transfer, Roof-Top Surface Temperature and Cooling Load in Modern Residential Buildings under the Tropical Climate of Malaysia. <i>Sustainability</i> , 2021, 13, 4665.	1.6	12
7	Nano-Porous Silica-Aerogel-Incorporated Composite Materials for Thermal-Energy-Efficient Pitched Roof in the Tropical Region. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6081.	1.3	12
8	Influence of Graphene Nanoplatelets on the Compressive and Split Tensile Strengths of Geopolymer Concrete. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012060.	0.2	11
9	Study on roof tile's colors in Malaysia for development of new anti-warming roof tiles with higher Solar Reflectance Index (SRI). , 2011, , .		9
10	Effect of silica fume and MIRHA on thermal conductivity of cement paste. , 2012, , .		8
11	Fire Performance of Fly Ash-Based Geopolymer Concrete: Effect of Burning Temperature. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012062.	0.2	8
12	Fire performance of fly-ash-based geopolymer concrete: Effect of burning temperature on mechanical and microstructural properties. <i>Materials Today: Proceedings</i> , 2022, 66, 2665-2669.	0.9	8
13	Embodied Carbon Potential of Conventional Construction Materials Used in Typical Malaysian Single Storey Low Cost House Using Building Information Modeling (BIM). <i>Advanced Materials Research</i> , 0, 1043, 242-246.	0.3	7
14	Housing developers and home owners awareness on implementation of building insulation in Malaysia. <i>WIT Transactions on Ecology and the Environment</i> , 2011, , .	0.0	7
15	A statistical dictionary-based word alignment algorithm: An unsupervised approach. , 2012, , .		6
16	Critical review of published research on building insulation: Focus on building components and climate. , 2012, , .		6
17	Reducing the Waiting-On-Cement Time of Geopolymer Well Cement using Calcium Chloride (CaCl <sub>2</sub> ) as the Accelerator: Analysis of the Compressive Strength and Acoustic Impedance for Well Logging. <i>Sustainability</i> , 2021, 13, 6128.	1.6	6
18	Review on Reinforcement of Aerogel for Development of Advanced Nano Insulation Material for Application in Sustainable Buildings. <i>Applied Mechanics and Materials</i> , 0, 699, 277-282.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Thickness Optimization of Kapok Fibre Insulation below Roof Pitch of Residential Buildings in Hot-Humid Climate with Mathematical Formulation. Applied Mechanics and Materials, 0, 699, 864-870.	0.2	4
20	A Lazy Man's Way to Part-of-Speech Tagging. Lecture Notes in Computer Science, 2012, , 106-117.	1.0	4
21	Effect of Elastomeric Expandable Additive on Compressive Strength and Linear Expansion of Fly-Ash-Based Strength-Enhanced Geopolymer Cement for Shrinkage-Resistant Oil-Well Cementing. Applied Sciences (Switzerland), 2022, 12, 1897.	1.3	4
22	Effect of Heating Duration at High Temperature on the Strength and Integrity of Fly Ash-Based Geopolymer Concrete. IOP Conference Series: Earth and Environmental Science, 2021, 945, 012063.	0.2	4
23	Effect of fire flame exposure on basalt and carbon fiber reinforced concrete. IOP Conference Series: Earth and Environmental Science, 0, 463, 012179.	0.2	3
24	Prospect of Adopting Kapok Fibre as Roof Insulation. Applied Mechanics and Materials, 0, 567, 482-487.	0.2	2
25	Embodied Carbon of Buildings: Tools, Methods and Strategies. Applied Mechanics and Materials, 0, 567, 565-570.	0.2	2
26	Effect of Granular Silica Aerogel as Filler on Tensile and Flexural Strengths and Moduli of Stone-Wool-Fibre-Reinforced Composite as Rigid Board Roof Insulation Material. IOP Conference Series: Earth and Environmental Science, 2021, 945, 012061.	0.2	2
27	Lignosulfonate as a retarder in geopolymer cement for oil well cementing: Effect on compressive strength. Materials Today: Proceedings, 2022, , .	0.9	2
28	Characteristics of a Malay journalistic corpus. , 2012, , .		1
29	Building-Information-Modelling-Based Thermal-Energy Performance Evaluation of Silica-Aerogel-Incorporated Rigid Board Roof Insulation Material for Residential Buildings in the Tropical Climate of Malaysia. IOP Conference Series: Earth and Environmental Science, 2021, 945, 012066.	0.2	1
30	Motion detection and base isolation system for earthquake-resistant relief structures: Application of biomimetics. , 2012, , .		0
31	Optimization of residential roof design using system dynamics and building information modelling. , 2016, , 193-197.		0
32	Thermal-Energy Performance of Bulk Insulation Coupled with High-Albedo Roof Tiles in Urban Pitched Residential Roof Assemblies in the Hot, Humid Climate. Sustainability, 2022, 14, 2867.	1.6	0
33	Green-Building-Index-Assessment-Criteria-Based Comparative Evaluation of Interlocking Blocks as an Alternative to Conventional Masonry for Residential Buildings in Malaysia. IOP Conference Series: Earth and Environmental Science, 2021, 945, 012071.	0.2	0
34	Thermal-Energy Performance of High-Albedo Roof Tiles and Bulk Rafter Insulation in Residential Roof in the Tropical Climate. IOP Conference Series: Earth and Environmental Science, 2021, 945, 012067.	0.2	0