

Syed Ahmad Farhan Syed Ahmad Iskandar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Fire-Exposed Fly-Ash-Based Geopolymer Concrete: Effects of Burning Temperature on Mechanical and Microstructural Properties. Materials, 2022, 15, 1884.	1.3	16
4	Fire performance of fly-ash-based geopolymer concrete: Effect of burning temperature on mechanical and microstructural properties. Materials Today: Proceedings, 2022, 66, 2665-2669.	0.9	8
5	Lignosulfonate as a retarder in geopolymer cement for oil well cementing: Effect on compressive strength. Materials Today: Proceedings, 2022, , .	0.9	2
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. Sustainability, 2021, 13, 4665.	1.6	12
7	Reducing the Waiting-On-Cement Time of Geopolymer Well Cement using Calcium Chloride (CaCl ₂) as the Accelerator: Analysis of the Compressive Strength and Acoustic Impedance for Well Logging. Sustainability, 2021, 13, 6128.	1.6	6
8	Nano-Porous Silica-Aerogel-Incorporated Composite Materials for Thermal-Energy-Efficient Pitched Roof in the Tropical Region. Applied Sciences (Switzerland), 2021, 11, 6081.	1.3	12
9	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
10	Influence of Graphene Nanoplatelets on the Compressive and Split Tensile Strengths of Geopolymer Concrete. IOP Conference Series: Earth and Environmental Science, 2021, 945, 012060.	0.2	11
11	Fire Performance of Fly Ash-Based Geopolymer Concrete: Effect of Burning Temperature. IOP Conference Series: Earth and Environmental Science, 2021, 945, 012062.	0.2	8
12	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
13	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
14	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
15	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
16	Optimization of residential roof design using system dynamics and building information modelling. , 2016, , 193-197.		0
17	A multivariable regression tool for embodied carbon footprint prediction in housing habitat. Habitat International, 2016, 53, 292-300.	2.3	29
18	4D BIM Application in AEC Industry: Impact on Integrated Project Delivery. Research Journal of Applied Sciences, Engineering and Technology, 2015, 10, 547-552.	0.1	13

#	ARTICLE	IF	CITATIONS
19	Effect of silica aerogel on the thermal conductivity of cement paste for the construction of concrete buildings in sustainable cities. WIT Transactions on the Built Environment, 2014, , .	0.0	21
20	A statistical dictionary-based word alignment algorithm: An unsupervised approach. , 2012, , .		6
21	Motion detection and base isolation system for earthquake-resistant relief structures: Application of biomimetics. , 2012, , .		0
22	Critical review of published research on building insulation: Focus on building components and climate. , 2012, , .		6
23	Characteristics of a Malay journalistic corpus. , 2012, , .		1
24	Effect of silica fume and MIRHA on thermal conductivity of cement paste. , 2012, , .		8
25	A Lazy Man's Way to Part-of-Speech Tagging. Lecture Notes in Computer Science, 2012, , 106-117.	1.0	4
26	Study on roof tile's colors in Malaysia for development of new anti-warming roof tiles with higher Solar Reflectance Index (SRI). , 2011, , .		9
27	Housing developers and home owners awareness on implementation of building insulation in Malaysia. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	7
28	Review on Reinforcement of Aerogel for Development of Advanced Nano Insulation Material for Application in Sustainable Buildings. Applied Mechanics and Materials, 0, 699, 277-282.	0.2	4
29	Embodied Carbon Potential of Conventional Construction Materials Used in Typical Malaysian Single Storey Low Cost House Using Building Information Modeling (BIM). Advanced Materials Research, 0, 1043, 242-246.	0.3	7
30	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
31	Challenges for Implementation of Building Information Modeling (BIM) in Malaysian Construction Industry. Applied Mechanics and Materials, 0, 567, 559-564.	0.2	29
32	Prospect of Adopting Kapok Fibre as Roof Insulation. Applied Mechanics and Materials, 0, 567, 482-487.	0.2	2
33	Embodied Carbon of Buildings: Tools, Methods and Strategies. Applied Mechanics and Materials, 0, 567, 565-570.	0.2	2
34	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