

Saleh Al-Saadi

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

833
citations

777949

13
h-index

651938

25
g-index

29
all docs

29
docs citations

29
times ranked

991
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards sustainable smart cities: a study on digital participatory planning in Oman. Proceedings of the Institution of Civil Engineers: Urban Design and Planning, 2022, 175, 72-90.	0.6	8
2	Concept development and experimentation of a Phase Change Material (PCM) enhanced domestic hot water. Journal of Energy Storage, 2022, 51, 104400.	3.9	12
3	Smart Grids and Smart Buildings. , 2022, , 2215-2270.		0
4	Outdoor space quality: Impact of deep canyon thermal comfort in an urban residential community. Science and Technology for the Built Environment, 2021, 27, 477-488.	0.8	3
5	Effect of using PCMs and shading devices on the thermal performance of buildings in different Algerian climates. A simulation-based optimization. Solar Energy, 2021, 217, 375-389.	2.9	23
6	Judicious method of integrating phase change materials into a building envelope under Saharan climate. International Journal of Energy Research, 2021, 45, 18048-18065.	2.2	10
7	Physico-thermal, mechanical, and toxicity properties of stabilised interlocking compressed earth blocks made with produced water from oilfields. Journal of Building Engineering, 2021, 42, 103029.	1.6	3
8	Pragmatic retrofitting strategies for improving thermal, energy, and economic performance of an institutional building in a cooling-dominated climate. Journal of Building Engineering, 2021, 44, 103326.	1.6	10
9	Smart Grids and Smart Buildings. , 2021, , 1-56.		0
10	Toward energy-efficient buildings in Oman. International Journal of Sustainable Energy, 2020, 39, 412-433.	1.3	20
11	Optimization of envelope design for housing in hot climates using a genetic algorithm (GA) computational approach. Journal of Building Engineering, 2020, 32, 101712.	1.6	36
12	Saroor mortar: From a traditional building material to an engineered pozzolan -mechanical and thermal properties study. Journal of Building Engineering, 2020, 32, 101754.	1.6	13
13	Energy saving potential for residential buildings in hot climates: The case of Oman. Sustainable Cities and Society, 2019, 46, 101442.	5.1	58
14	A dynamic thermal response on thermal conductivity at different temperature and moisture levels of EPS insulation. Case Studies in Thermal Engineering, 2019, 14, 100481.	2.8	25
15	Zero energy building (ZEB) in a cooling dominated climate of Oman: Design and energy performance analysis. Renewable and Sustainable Energy Reviews, 2019, 112, 299-316.	8.2	38
16	Variant Developments of Typical Meteorological Years (TMYs) for Seeb, Oman and their Impact on Energy Simulation of Residential Buildings. Journal of Engineering Research, 2018, 15, 129.	0.2	1
17	Energy-efficient envelope design for residential buildings: A case study in Oman. , 2017, , .		4
18	Energy-Efficient Retrofitting Strategies for Residential Buildings in hot climate of Oman. Energy Procedia, 2017, 142, 2009-2014.	1.8	28

#	ARTICLE	IF	CITATIONS
19	Energy Management Strategies for a Governmental Building in Oman. Energy Procedia, 2017, 141, 206-210.	1.8	12
20	Energy-Efficient House in the GCC Region. Procedia, Social and Behavioral Sciences, 2016, 216, 736-743.	0.5	28
21	Systematic evaluation of mathematical methods and numerical schemes for modeling PCM-enhanced building enclosure. Energy and Buildings, 2015, 92, 374-388.	3.1	50
22	Numerical modeling of thermal behaviors of active multi-layer living wall. Energy and Buildings, 2015, 106, 96-110.	3.1	27
23	Evaluation of Optimal Hybrid Distributed Generation Systems for an Isolated Rural Settlement in Masirah Island, Oman. Distributed Generation and Alternative Energy Journal, 2015, 30, 23-42.	1.1	7
24	A new validated TRNSYS module for simulating latent heat storage walls. Energy and Buildings, 2015, 109, 274-290.	3.1	49
25	Energy Storage Technologies for Residential Buildings. Journal of Architectural Engineering, 2014, 20, .	0.8	5
26	Modeling phase change materials embedded in building enclosure: A review. Renewable and Sustainable Energy Reviews, 2013, 21, 659-673.	8.2	244
27	Hybrid Distributed Power Generation for an Isolated Rural Settlement in Masirah Island, Oman. , 2011, , .		3
28	A framework model for outsourcing asset management services. Facilities, 2005, 23, 73-81.	0.8	15
29	Synthesis, characterisation and optical spectroscopy of platinum(ii) di-ynes and poly-ynes incorporating condensed aromatic spacers in the backbone. Dalton Transactions, 2004, , 2377-2385.	1.6	101