Giridharan Renganathan

List of Publications by Year
in descending order

25	1,812	516561 16	642610 23
papers	citations	h-index	g-index

26	26	26	1743
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Urban heat island intensity in London: An investigation of the impact of physical characteristics on changes in outdoor air temperature during summer. Solar Energy, 2008, 82, 986-998.	2.9	262
2	Daytime urban heat island effect in high-rise and high-density residential developments in Hong Kong. Energy and Buildings, 2004, 36, 525-534.	3.1	240
3	Urban design factors influencing heat island intensity in high-rise high-density environments of Hong Kong. Building and Environment, 2007, 42, 3669-3684.	3.0	205
4	Cool roof technology in London: An experimental and modelling study. Energy and Buildings, 2013, 67, 658-667.	3.1	139
5	The impact of urban compactness, comfort strategies and energy consumption on tropical urban heat island intensity: A review. Sustainable Cities and Society, 2018, 40, 677-687.	5.1	134
6	Lowering the outdoor temperature in high-rise high-density residential developments of coastal Hong Kong: The vegetation influence. Building and Environment, 2008, 43, 1583-1595.	3.0	126
7	Thermal comfort standards, measured internal temperatures and thermal resilience to climate change of free-running buildings: A case-study of hospital wards. Building and Environment, 2012, 55, 57-72.	3.0	117
8	Nocturnal heat island effect in urban residential developments of Hong Kong. Energy and Buildings, 2005, 37, 964-971.	3.1	109
9	The comfort, energy and health implications of Londonâ€™s urban heat island. Building Services Engineering Research and Technology, 2011, 32, 35-52.	0.9	93
10	Multiple and intensive land use: case studies in Hong Kong. Habitat International, 2005, 29, 527-546.	2.3	77
11	Urban heat island characteristics in London during winter. Solar Energy, 2009, 83, 1668-1682.	2.9	76
12	Building resilience to overheating into 1960's UK hospital buildings within the constraint of the national carbon reduction target: Adaptive strategies. Building and Environment, 2012, 55, 73-95.	3.0	60
13	Hospital wards and modular construction: Summertime overheating and energy efficiency. Building and Environment, 2018, 141, 28-44.	3.0	34
14	Heating and cooling degree day prediction within the London urban heat island area. Building Services Engineering Research and Technology, 2009, 30, 183-202.	0.9	33
15	Resilience of â€˜Nightingaleâ€™ hospital wards in a changing climate. Building Services Engineering Research and Technology, 2012, 33, 81-103.	0.9	27
16	Performance of hospital spaces in summer: A case study of a â€˜Nucleusâ€™-type hospital in the UK Midlands. Energy and Buildings, 2013, 66, 315-328.	3.1	23
17	Policies for implementing multiple intensive land use in Hong Kong. Journal of Housing and the Built Environment, 2003, 18, 365-378.	0.9	14
18	The influence of hospital ward design on resilience to heat waves: An exploration using distributed lag models. Energy and Buildings, 2015, 86, 573-588.	3.1	12

#	Article	IF	Citations
19	A medium-rise 1970s maternity hospital in the east of England: Resilience and adaptation to climate change. Building Services Engineering Research and Technology, 2015, 36, 247-274.	0.9	9
20	Experimental investigation of the impact of urban fabric on canyon albedo using a 1:10 scaled physical model. Solar Energy, 2021, 230, 449-461.	2.9	8
21	The Reality of Well-Being-Focused Design in Dementia Care: A Case Study of Acute Dementia Wards in the United Kingdom. Herd, 2018, 11, 130-149.	0.9	5
22	The impact of surface characteristics on ambient temperature at urban micro scale: comparative field study in two climates. International Journal of Low-Carbon Technologies, 2015, 10, 165-175.	1.2	3
23	Application of Soft Landings in the Design Management process of a non-residential building. Architectural Engineering and Design Management, 2018, 14, 178-193.	1.2	3
24	Smart and Sustainable City - a Case Study from Hong Kong. , 0, , 33-42.		2
25	A STUDY OF MICROCLIMATE CONDITIONS IN OUTDOOR SPACES OF HIGH-RISE RESIDENTIAL DEVELOPMENTS. , 2005, , .		1