Tanaya Chaudhuri

List of Publications by Year
in descending order

13	546	1478280	1872570
papers	**citations**	6	6
		h-index	**g-index**

13	13	13	448
all docs	**docs citations**	**times ranked**	**citing authors**

#	ARTICLE	IF	CITATIONS
1	A feedforward neural network based indoor-climate control framework for thermal comfort and energy saving in buildings. Applied Energy, 2019, 248, 44-53.	5.1	135
2	Random forest based thermal comfort prediction from gender-specific physiological parameters using wearable sensing technology. Energy and Buildings, 2018, 166, 391-406.	3.1	130
3	Thermal comfort prediction using normalized skin temperature in a uniform built environment. Energy and Buildings, 2018, 159, 426-440.	3.1	115
4	Machine learning driven personal comfort prediction by wearable sensing of pulse rate and skin temperature. Building and Environment, 2020, 170, 106615.	3.0	62
5	Machine learning based prediction of thermal comfort in buildings of equatorial Singapore. , 2017, , .		40
6	An Attention-Based Deep Sequential GRU Model for Sensor Drift Compensation. IEEE Sensors Journal, 2021, 21, 7908-7917.	2.4	24
7	On assuming Mean Radiant Temperature equal to air temperature during PMV-based thermal comfort study in air-conditioned buildings. , 2016, , .		19
8	Modeling and optimization of different sparse Augmented Firefly Algorithms for ACMV systems under two case studies. Building and Environment, 2017, 125, 129-142.	3.0	9
9	Energy efficiency improvement with k-means approach to thermal comfort for ACMV systems of smart buildings. , 2017, , .		4
10	Convolutional Neural Network and Kernel Methods for Occupant Thermal State Detection using Wearable Technology. , 2018, , .		4
11	Reliability model for a distribution system incorporating snowfall as a severe weather event. , 2012, , .		3
12	Improvement of Energy Efficiency of Markov ACMV Systems based on PTS Information of Occupants. , 2018, , .		1
13	Estimation of electric stress and surface potential for traction insulators. , 2012, , .		0