Manoj Kumar Singh

List of Publications by Citations

36 papers	1,380 citations	23 h-index	36 g-index
36 ext. papers	1,674 ext. citations	6 avg, IF	4.94 L-index

#	Paper	IF	Citations
36	Development of the ASHRAE Global Thermal Comfort Database II. *Building and Environment*, **2018**, 142, 502-512	6.5	164
35	Adaptive thermal comfort model for different climatic zones of North-East India. *Applied Energy*, **2011**, 88, 2420-2428	10.7	114
34	Thermal performance study and evaluation of comfort temperatures in vernacular buildings of North-East India. *Building and Environment*, **2010**, 45, 320-329	6.5	112
33	An adaptive thermal comfort model for hot humid South-East Asia. *Building and Environment*, **2012**, 56, 291-300	6.5	91
32	Bioclimatism and vernacular architecture of north-east India. *Building and Environment*, **2009**, 44, 878-888	6.5	75
31	An adaptive approach to define thermal comfort zones on psychrometric chart for naturally ventilated buildings in composite climate of India. *Building and Environment*, **2016**, 109, 135-153	6.5	71
30	Development of bio-climatic zones in north-east India. *Energy and Buildings*, **2007**, 39, 1250-1257	7	59
29	Thermal comfort assessment and characteristics of occupant's behaviour in naturally ventilated buildings in composite climate of India. *Energy for Sustainable Development*, **2016**, 33, 108-121	5.4	56
28	Progress in thermal comfort studies in classrooms over last 50 years and way forward. *Energy and Buildings*, **2019**, 188-189, 149-174	7	55
27	Status of thermal comfort in naturally ventilated classrooms during the summer season in the composite climate of India. *Building and Environment*, **2018**, 128, 287-304	6.5	55
26	Adaptive thermal comfort in the offices of North-East India in autumn season. *Building and Environment*, **2017**, 124, 14-30	6.5	46
25	Estimation of degree-days for different climatic zones of North-East India. *Sustainable Cities and Society*, **2015**, 14, 70-81	10.1	38
24	Study on adaptive thermal comfort in Japanese offices under various operation modes. *Building and Environment*, **2017**, 118, 273-288	6.5	35
23	An analysis on energy efficiency initiatives in the building stock of Liege, Belgium. *Energy Policy*, **2013**, 62, 729-741	7.2	33
22	Solar passive features in vernacular architecture of North-East India. *Solar Energy*, **2011**, 85, 2011-2022	6.8	32
21	Assessment of thermal comfort in existing pre-1945 residential building stock. *Energy*, **2016**, 98, 122-134	7.9	31
20	Sensing Technologies for Monitoring Intelligent Buildings: A Review. *IEEE Sensors Journal*, **2018**, 18, 4847-4860	4	30

19	Development of thermal comfort models for various climatic zones of North-East India. *Sustainable Cities and Society*, **2015**, 14, 133-145	10.1	29
18	Current Status of the IEEE 1451 Standard-Based Sensor Applications. *IEEE Sensors Journal*, **2015**, 15, 2505-2513	4	29
17	Evaluation of comfort preferences and insights into behavioural adaptation of students in naturally ventilated classrooms in a tropical country, India. *Building and Environment*, **2018**, 143, 532-547	6.5	25
16	Comparative study of thermal comfort and adaptive actions for modern and traditional multi-storey naturally ventilated hostel buildings during monsoon season in India. *Journal of Building Engineering*, **2019**, 23, 90-106	5.2	25
15	Thermal monitoring and indoor temperature modeling in vernacular buildings of North-East India. *Energy and Buildings*, **2010**, 42, 1610-1618	7	24
14	Thermal performance and comfort potential estimation in low-rise high thermal mass naturally ventilated office buildings in India: An experimental study. *Journal of Building Engineering*, **2018**, 20, 569-584	5.2	24
13	Comparative bioclimatic approach for comfort and passive heating and cooling strategies in Algeria. *Building and Environment*, **2019**, 161, 106271	6.5	21
12	Field investigation on occupant's thermal comfort and preferences in naturally ventilated multi-storey hostel buildings over two seasons in India. *Building and Environment*, **2019**, 163, 106309	6.5	16
11	An Investigation of Thermal Comfort of Houses in Dry and Semi-Arid Climates of Quetta, Pakistan. *Sustainability*, **2019**, 11, 5203	3.6	14
10	Occupant's thermal comfort expectations in naturally ventilated engineering workshop building: A case study at high metabolic rates. *Energy and Buildings*, **2020**, 217, 109970	7	13
9	Status of thermal comfort in naturally ventilated university classrooms of Bangladesh in hot and humid summer season. *Journal of Building Engineering*, **2020**, 32, 101700	5.2	13
8	. *IEEE Sensors Journal*, **2017**, 17, 7533-7541	4	11
7	Rapid Assessment Tool for traditional Indian Neighbourhoods: a Case Study of Alwar Walled City in Rajasthan. *Sustainable Cities and Society*, **2016**, 26, 364-382	10.1	11
6	Relation between indoor thermal environment and renovation in liege residential buildings. *Thermal Science*, **2014**, 18, 889-902	1.2	11
5	Macro level characterization of Historic Urban Landscape: Case study of Alwar walled city. *City, Culture and Society*, **2017**, 9, 39-53	2.2	9
4	Adaptive thermal comfort study of workers in a mini-industrial unit during summer and winter season in a tropical country, India. *Building and Environment*, **2021**, 197, 107874	6.5	4
3	Seasonal comfort temperature and occupant's adaptive behaviour in a naturally ventilated university workshop building under the composite climate of India. *Journal of Building Engineering*, **2021**, 40, 102701	5.2	4
2	Quantification of indoor environments and study of thermal comfort in naturally hostel buildings in the tropical country, India. *E3S Web of Conferences*, **2019**, 111, 02059	0.5	0

1	Investigation on Subjects' Seasonal Perception and Adaptive Actions in Naturally Ventilated Hostel Dormitories in the Composite Climate Zone of India. *Sustainability*, **2022**, 14, 4997	3.6	0