Rajat Gupta

List of Publications by Year
in descending order

53 papers	1,024 citations	394421 19 h-index	434195 31 g-index
55 all docs	55 docs citations	55 times ranked	888 citing authors

#	Article	IF	Citations
1	Using UK climate change projections to adapt existing English homes for a warming climate. Building and Environment, 2012, 55, 20-42.	6.9	113
2	Understanding occupants: feedback techniques for large-scale low-carbon domestic refurbishments. Building Research and Information, 2010, 38, 530-548.	3.9	74
3	Preventing the overheating of English suburban homes in a warming climate. Building Research and Information, 2013, 41, 281-300.	3.9	65
4	Do deep low carbon domestic retrofits actually work?. Energy and Buildings, 2016, 129, 330-343.	6.7	46
5	Intent and outcomes from the Retrofit for the Future programme: key lessons. Building Research and Information, 2015, 43, 435-451.	3.9	45
6	Achieving energy resilience through smart storage of solar electricity at dwelling and community level. Energy and Buildings, 2019, 195, 1-15.	6.7	41
7	Empirical assessment of indoor air quality and overheating in low-carbon social housing dwellings in England, UK. Advances in Building Energy Research, 2016, 10, 46-68.	2.3	39
8	Magnitude and extent of building fabric thermal performance gap in UK low energy housing. Applied Energy, 2018, 222, 673-686.	10.1	39
9	Impacts of community-led energy retrofitting of owner-occupied dwellings. Building Research and Information, 2014, 42, 446-461.	3.9	38
10	Assessing energy use and overheating risk in net zero energy dwellings in UK. Energy and Buildings, 2018, 158, 897-905.	6.7	38
11	Overheating in care settings: magnitude, causes, preparedness and remedies. Building Research and Information, 2017, 45, 83-101.	3.9	32
12	Evaluating the influence of building fabric, services and occupant related factors on the actual performance of low energy social housing dwellings in UK. Energy and Buildings, 2018, 174, 548-562.	6.7	32
13	Retrofitting England's suburbs to adapt to climate change. Building Research and Information, 2013, 41, 517-531.	3.9	31
14	Cooling the UK housing stock post-2050s. Building Services Engineering Research and Technology, 2015, 36, 196-220.	1.8	31
15	Review of studies on thermal comfort in Indian residential buildings. Science and Technology for the Built Environment, 2020, 26, 727-748.	1.7	30
16	Empirical evaluation of the energy and environmental performance of a sustainably-designed but under-utilised institutional building in the UK. Energy and Buildings, 2016, 128, 68-80.	6.7	27
17	What is â€˜localâ€™ about Smart Local Energy Systems? Emerging stakeholder geographies of decentralised energy in the United Kingdom. Energy Research and Social Science, 2021, 80, 102182.	6.4	26
18	Development of Net Zero Energy Settlements Using Advanced Energy Technologies. Procedia Engineering, 2017, 180, 1388-1401.	1.2	24

#	Article	IF	Citations
19	Exploring innovative community and household energy feedback approaches. Building Research and Information, 2018, 46, 284-299.	3.9	20
20	Customized performance evaluation approach for Indian green buildings. Building Research and Information, 2019, 47, 56-74.	3.9	20
21	Monitoring and modelling the risk of summertime overheating and passive solutions to avoid active cooling in London care homes. Energy and Buildings, 2021, 252, 111418.	6.7	20
22	Development and application of a domestic heat pump model for estimating CO2 emissions reductions from domestic space heating, hot water and potential cooling demand in the future. Energy and Buildings, 2013, 60, 60-74.	6.7	19
23	Meta-analysis of indoor temperatures in new-build housing. Building Research and Information, 2017, 45, 19-39.	3.9	19
24	Possible effects of future domestic heat pump installations on the UK energy supply. Energy and Buildings, 2014, 84, 94-110.	6.7	18
25	Investigating the relationship between indoor environment and workplace productivity in naturally and mechanically ventilated office environments. Building Services Engineering Research and Technology, 2020, 41, 280-304.	1.8	12
26	Assessing the Magnitude and Likely Causes of Summertime Overheating in Modern Flats in UK. Energies, 2020, 13, 5202.	3.1	12
27	Adapting UK suburban neighbourhoods and dwellings for a changing climate. Advances in Building Energy Research, 2011, 5, 81-108.	2.3	11
28	Unravelling the unintended consequences of home energy improvements. International Journal of Energy Sector Management, 2014, 8, 506-526.	2.3	11
29	Meta-analysis of summertime indoor temperatures in new-build, retrofitted, and existing UK dwellings. Science and Technology for the Built Environment, 2019, 25, 1212-1225.	1.7	11
30	Care provision fit for a warming climate. Architectural Science Review, 2017, 60, 275-285.	2.2	10
31	Appraisal of UK funding frameworks for energy research in housing. Building Research and Information, 2012, 40, 446-460.	3.9	9
32	Examining the magnitude and perception of summertime overheating in London care homes. Building Services Engineering Research and Technology, 2021, 42, 653-675.	1.8	7
33	Understanding the Gap between â€˜as Designedâ€™ and â€˜as Builtâ€™ Performance of a New Low Carbon Housing Development in UK. Smart Innovation, Systems and Technologies, 2013, , 567-580.	0.6	7
34	Integrated suburban neighbourhood adaptation due to climate change. Structural Survey, 2013, 31, 301-313.	1.0	6
35	Do Deep Low Carbon Retrofits Actually Work?. Energy Procedia, 2015, 78, 919-924.	1.8	6
36	Defining the link between indoor environment and workplace productivity in a modern UK office building. Architectural Science Review, 2020, 63, 248-261.	2.2	6

#	ARTICLE	IF	CITATIONS
37	Measurement and Verification of Zero Energy Settlements: Lessons Learned from Four Pilot Cases in Europe. Sustainability, 2020, 12, 9783.	3.2	6
38	Developing a new framework to bring consistency and flexibility in evaluating actual building performance. International Journal of Building Pathology and Adaptation, 2019, 38, 228-255.	1.3	5
39	Reducing Carbon Emissions From Oxford City: Plans and Tools. , 2008, , 491-505.		3
40	Domestic energy mapping to enable area-based whole house retrofits. Energy and Buildings, 2020, 229, 110514.	6.7	3
41	Comparative evaluation of measured and perceived indoor environmental conditions in naturally and mechanically ventilated office environments. Building Simulation, 2020, 13, 1021-1042.	5.6	3
42	In-use energy and carbon performance of a true zero carbon housing development in England. Science and Technology for the Built Environment, 2021, 27, 1425-1439.	1.7	3
43	Integrated Testing of Building Fabric Thermal Performance for Calibration of Energy Models of Three Low-Energy Dwellings in the UK. Sustainability, 2021, 13, 2784.	3.2	2
44	Evaluative application of UKCP09â€based downscaled future weather years to simulate overheating risk in typical English homes. Structural Survey, 2013, 31, 231-252.	1.0	1
45	Local Energy Mapping Using Publicly Available Data for Urban Energy Retrofit. , 2017, , 207-219.		1
46	Building performance evaluation of low-energy dwellings with and without smart thermostats. Building Services Engineering Research and Technology, 2022, 43, 297-318.	1.8	1
47	Developing Indoor Temperature Profiles of Albanian Homes for Baseline Energy Models in Relation to Contextual Factors. Energies, 2022, 15, 3668.	3.1	1
48	Modeling and Mapping Domestic Energy Refurbishment Measures on a Community Scale. , 2018, , 661-676.		0
49	Energy and Environmental performance of a green certified office building in the hot dry climate of India. IOP Conference Series: Earth and Environmental Science, 2019, 329, 012028.	0.3	0
50	Performance evaluation of a certified green-rated housing development in the warm humid climate of India. IOP Conference Series: Earth and Environmental Science, 2019, 294, 012085.	0.3	0
51	Indoor Overheating, Climate Resilience, and Adaptation of Care Settings. , 2021, , 1-21.		0
52	Indoor Overheating, Climate Resilience, and Adaptation of Care Settings. , 2021, , 779-799.		0
53	Enabling Sustainable Lifestyles in New Urban Areas: Evaluation of an Eco-Development Case Study in the UK. Sustainability, 2022, 14, 4143.	3.2	0