

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134 papers	3,135 citations	32 h-index	52 g-index
137 ext. papers	3,720 ext. citations	5 avg, IF	5.87 L-index

#	Paper	IF	Citations
134	Development of the ASHRAE Global Thermal Comfort Database II. <i>Building and Environment</i> , 2018 , 142, 502-512	6.5	164
133	Adaptive model of thermal comfort for offices in hot and humid climates of India. <i>Building and Environment</i> , 2014 , 74, 39-53	6.5	157
132	Study on mitigation measures for outdoor thermal environment on present urban blocks in Tokyo using coupled simulation. <i>Building and Environment</i> , 2009 , 44, 2290-2299	6.5	124
131	Development of a numerical model to predict heat exchange rates for a ground-source heat pump system. <i>Energy and Buildings</i> , 2008 , 40, 2133-2140	7	121
130	Optimal design method for building energy systems using genetic algorithms. <i>Building and Environment</i> , 2009 , 44, 1538-1544	6.5	107
129	Numerical simulation of ground heat and water transfer for groundwater heat pump system based on real-scale experiment. <i>Energy and Buildings</i> , 2010 , 42, 69-75	7	103
128	Predictive control strategies based on weather forecast in buildings with energy storage system: A review of the state-of-the art. <i>Energy and Buildings</i> , 2017 , 153, 485-500	7	99
127	Thermal comfort in offices in summer: Findings from a field study under the Betsuden conditions in Tokyo, Japan. <i>Building and Environment</i> , 2013 , 61, 114-132	6.5	98
126	Thermal comfort in offices in India: Behavioral adaptation and the effect of age and gender. <i>Energy and Buildings</i> , 2015 , 103, 284-295	7	94
125	Study on outdoor thermal environment of apartment block in Shenzhen, China with coupled simulation of convection, radiation and conduction. <i>Energy and Buildings</i> , 2004 , 36, 1247-1258	7	89
124	Urban thermal environment measurements and numerical simulation for an actual complex urban area covering a large district heating and cooling system in summer. <i>Atmospheric Environment</i> , 2005 , 39, 6362-6375	5.3	88
123	Studies on critical Reynolds number indices for wind-tunnel experiments on flow within urban areas. <i>Boundary-Layer Meteorology</i> , 2003 , 107, 353-370	3.4	80
122	CFD analysis of wind climate from human scale to urban scale. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1999 , 81, 57-81	3.7	78
121	Field investigation of comfort temperature in Indian office buildings: A case of Chennai and Hyderabad. <i>Building and Environment</i> , 2013 , 65, 195-214	6.5	63
120	Study on optimum design method for pleasant outdoor thermal environment using genetic algorithms (GA) and coupled simulation of convection, radiation and conduction. <i>Building and Environment</i> , 2008 , 43, 18-30	6.5	60
119	CFD analysis of pollutant dispersion around buildings: Effect of cell geometry. <i>Building and Environment</i> , 2009 , 44, 1699-1706	6.5	59
118	Effect of natural convection on thermal response test conducted in saturated porous formation: Comparison of gravel-backfilled and cement-grouted borehole heat exchangers. <i>Renewable Energy</i> , 2016 , 96, 891-903	8.1	48

117	Metaheuristic optimization methods for a comprehensive operating schedule of battery, thermal energy storage, and heat source in a building energy system. <i>Applied Energy</i> , 2015 , 151, 192-205	10.7	46
116	Adaptive thermal comfort in the offices of North-East India in autumn season. <i>Building and Environment</i> , 2017 , 124, 14-30	6.5	46
115	Optimization method for multiple heat source operation including ground source heat pump considering dynamic variation in ground temperature. <i>Applied Energy</i> , 2017 , 193, 466-478	10.7	45
114	Interpretation of disturbed data in thermal response tests using the infinite line source model and numerical parameter estimation method. <i>Applied Energy</i> , 2015 , 148, 476-488	10.7	45
113	CFD analysis of mesoscale climate in the Greater Tokyo area. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1997 , 67-68, 459-477	3.7	45
112	A numerical study of air pollutant dispersion with bimolecular chemical reactions in an urban street canyon using large-eddy simulation. <i>Atmospheric Environment</i> , 2012 , 54, 456-464	5.3	42
111	Building energy system optimizations with utilization of waste heat from cogenerations by means of genetic algorithm. <i>Energy and Buildings</i> , 2010 , 42, 985-991	7	39
110	Exergy analysis of a hybrid ground-source heat pump system. <i>Applied Energy</i> , 2017 , 204, 31-46	10.7	37
109	Effect of climate change on building cooling loads in Tokyo in the summers of the 2030s using dynamically downscaled GCM data. <i>Energy and Buildings</i> , 2016 , 114, 123-129	7	37
108	Study on the future weather data considering the global and local climate change for building energy simulation. <i>Sustainable Cities and Society</i> , 2015 , 14, 404-413	10.1	36
107	Theoretical analysis on ground source heat pump and air source heat pump systems by the concepts of cool and warm exergy. <i>Energy and Buildings</i> , 2014 , 75, 447-455	7	36
106	Bayesian inference for thermal response test parameter estimation and uncertainty assessment. <i>Applied Energy</i> , 2018 , 209, 306-321	10.7	35
105	Evaluation of estimation method of ground properties for the ground source heat pump system. <i>Renewable Energy</i> , 2010 , 35, 2123-2130	8.1	34
104	Optimization of the HVAC system design to minimize primary energy demand. <i>Energy and Buildings</i> , 2014 , 76, 102-108	7	32
103	Influence of meteorological conditions on summer ozone levels in the central Kanto area of Japan. <i>Procedia Environmental Sciences</i> , 2011 , 4, 138-150		32
102	Observational study of power-law approximation of wind profiles within an urban boundary layer for various wind conditions. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017 , 164, 13-21	3.7	31
101	A review on optimization techniques for active thermal energy storage control. <i>Energy and Buildings</i> , 2015 , 106, 225-233	7	31
100	Bayesian source term estimation of atmospheric releases in urban areas using LES approach. <i>Journal of Hazardous Materials</i> , 2018 , 349, 68-78	12.8	31

99	Recent development of assessment tools for urban climate and heat-island investigation especially based on experiences in Japan. <i>International Journal of Climatology</i> , 2007 , 27, 1919-1930	3.5	29
98	Impact of long-term operation of ground-source heat pump on subsurface thermal state in urban areas. <i>Sustainable Cities and Society</i> , 2018 , 38, 429-439	10.1	27
97	Effect of disturbance on thermal response test, part 2: Numerical study of applicability and limitation of infinite line source model for interpretation under disturbance from outdoor environment. <i>Renewable Energy</i> , 2016 , 85, 1090-1105	8.1	27
96	CFD analysis on traffic-induced air pollutant dispersion under non-isothermal condition in a complex urban area in winter. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2008 , 96, 1774-1788	2.7	27
95	Numerical and experimental study on convective heat transfer of the human body in the outdoor environment. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2008 , 96, 1719-1732	3.7	26
94	Development of potential map for ground and groundwater heat pump systems and the application to Tokyo. <i>Energy and Buildings</i> , 2011 , 43, 677-685	7	25
93	Simulation analysis of site design and layout planning to mitigate thermal environment of riverside residential development. <i>Building Simulation</i> , 2010 , 3, 51-61	3.9	25
92	Study on optimum arrangement of trees for design of pleasant outdoor environment using multi-objective genetic algorithm and coupled simulation of convection, radiation and conduction. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2008 , 96, 1733-1748	3.7	25
91	Large-eddy simulation of pollutant dispersion in a cavity at fine grid resolutions. <i>Building and Environment</i> , 2018 , 127, 127-137	6.5	24
90	Process analysis of ozone formation under different weather conditions over the Kanto region of Japan using the MMS/CMAQ modelling system. <i>Atmospheric Environment</i> , 2010 , 44, 4463-4473	5.3	23
89	Effect of disturbance on thermal response test, part 1: Development of disturbance analytical model, parametric study, and sensitivity analysis. <i>Renewable Energy</i> , 2016 , 85, 306-318	8.1	22
88	Improvement of sweating model in 2-Node Model and its application to thermal safety for hot environments. <i>Building and Environment</i> , 2010 , 45, 1565-1573	6.5	21
87	A study of urban thermal environment in Tokyo in summer of the 2030s under influence of global warming. <i>Energy and Buildings</i> , 2016 , 114, 54-61	7	20
86	Consistency of mean wind speed in pedestrian wind environment analyses: Mathematical consideration and a case study using large-eddy simulation. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 173, 91-99	3.7	20
85	Drivers and barriers to occupant adaptation in offices in India. <i>Architectural Science Review</i> , 2015 , 58, 77-86	2.6	18
84	STUDY ON EFFECT OF GREENING ON OUTDOOR THERMAL ENVIRONMENT USING THREE DIMENSIONAL PLANT CANOPY MODEL. <i>Nihon Kenchiku Gakkai Keikakukei Ronbunshu</i> , 2000 , 65, 87-94	0.2	18
83	A new optimization strategy for the operating schedule of energy systems under uncertainty of renewable energy sources and demand changes. <i>Energy and Buildings</i> , 2016 , 125, 75-85	7	18
82	Exergy analysis for unsteady-state heat conduction. <i>International Journal of Heat and Mass Transfer</i> , 2018 , 116, 1124-1142	4.9	17

81	Field Study on Humidification Performance of a Desiccant Air-Conditioning System Combined with a Heat Pump. <i>Energies</i> , 2016 , 9, 89	3.1	16
80	Turbulent Schmidt number for source term estimation using Bayesian inference. <i>Building and Environment</i> , 2017 , 125, 414-422	6.5	15
79	A Wind Tunnel Experimental Analysis of the Ventilation Characteristics of a Room with Single-Sided Opening in Uniform Flow. <i>International Journal of Ventilation</i> , 2006 , 5, 171-178	1.1	15
78	Formulation of human body heat transfer coefficient under various ambient temperature, air speed and direction based on experiments and CFD. <i>Building and Environment</i> , 2019 , 160, 106168	6.5	14
77	Evaluation of k- ϵ Reynolds stress modeling in an idealized urban canyon using LES. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 175, 213-228	3.7	13
76	Bayesian inference of structural error in inverse models of thermal response tests. <i>Applied Energy</i> , 2018 , 228, 1473-1485	10.7	13
75	Analysis of wind-induced inflow and outflow through a single opening using LES & DES. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2008 , 96, 1678-1691	3.7	12
74	New perspectives in thermal performance test: Cost-effective apparatus and extended data analysis. <i>Energy and Buildings</i> , 2018 , 180, 109-121	7	12
73	INFLUENCE OF GREEN AREA RATIO ON OUTDOOR THERMAL ENVIRONMENT WITH COUPLED SIMULATION OF CONVECTION, RADIATION AND MOISTURE TRANSPORT. <i>Nihon Kenchiku Gakkai Keikakukei Ronbunshu</i> , 2000 , 65, 77-84	0.2	11
72	Progress in Numerical Modelling for Urban Thermal Environment Studies. <i>Advances in Building Energy Research</i> , 2009 , 3, 147-188	1.8	10
71	Analysis of regional characteristics of the atmospheric heat balance in the Tokyo metropolitan area in summer. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2008 , 96, 1640-1654	3.7	10
70	Wind tunnel experiment on high-buoyancy gas dispersion around isolated cubic building. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 202, 104226	3.7	10
69	Model predictive control of building energy systems with thermal energy storage in response to occupancy variations and time-variant electricity prices. <i>Energy and Buildings</i> , 2020 , 225, 110291	7	10
68	Application of differential evolution-based constrained optimization methods to district energy optimization and comparison with dynamic programming. <i>Applied Energy</i> , 2019 , 254, 113670	10.7	9
67	Optimal operation of energy systems including energy storage equipment under different connections and electricity prices. <i>Sustainable Cities and Society</i> , 2016 , 21, 1-11	10.1	9
66	Thermal Energy Balance Analysis of the Tokyo Metropolitan Area Using a Mesoscale Meteorological Model Incorporating an Urban Canopy Model. <i>Boundary-Layer Meteorology</i> , 2011 , 138, 77-97	3.4	9
65	Study on sustainable redevelopment of a densely built-up area in Tokyo by introducing a distributed local energy supply system. <i>Energy and Buildings</i> , 2008 , 40, 782-792	7	9
64	Impacts of inland water area changes on the local climate of Wuhan, China. <i>Indoor and Built Environment</i> , 2016 , 25, 296-313	1.8	9

63	Lattice Boltzmann method-based large-eddy simulation of indoor isothermal airflow. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 130, 700-709	4.9	9
62	Artificial neural network prediction models of stratified thermal energy storage system and borehole heat exchanger for model predictive control. <i>Science and Technology for the Built Environment</i> , 2019 , 25, 534-548	1.8	8
61	A probabilistic approach to the energy-saving potential of natural ventilation: Effect of approximation method for approaching wind velocity. <i>Building and Environment</i> , 2017 , 122, 94-104	6.5	8
60	CFD simulations on high-buoyancy gas dispersion in the wake of an isolated cubic building using steady RANS model and LES. <i>Building and Environment</i> , 2021 , 188, 107478	6.5	8
59	Measurements of exhaled airflow velocity through human coughs using particle image velocimetry. <i>Building and Environment</i> , 2021 , 202, 108020	6.5	8
58	Recent research on expiratory particles in respiratory viral infection and control strategies: A review. <i>Sustainable Cities and Society</i> , 2021 , 73, 103106	10.1	8
57	Critical comparison between thermal performance test (TPT) and thermal response test (TRT): Differences in heat transfer process and extractable information. <i>Energy Conversion and Management</i> , 2019 , 199, 111967	10.6	7
56	INCORPORATING AN URBAN CANOPY MODEL TO REPRESENT THE EFFECTS OF BUILDINGS. <i>Journal of Environmental Engineering (Japan)</i> , 2009 , 74, 1009-1018	0.3	7
55	Influence of cell geometry and mesh resolution on large eddy simulation predictions of flow around a single building. <i>Building Simulation</i> , 2008 , 1, 251-260	3.9	7
54	INFLUENCE OF LAND-USE CONDITIONS ON VELOCITY AND TEMPERATURE FIELDS OVER KANTO PLANE : Mathematical models for urban climate based on turbulence model proposed by Mellor-Yamada. <i>Nihon Kenchiku Gakkai Keikakukei Ronbunshu</i> , 1997 , 62, 31-39	0.2	7
53	STUDY ON URBAN CLIMATE ANALYSIS BASED ON MESO-SCALE CLIMATE MODEL INCORPORATED WITH THE URBAN CANOPY MODEL. <i>Journal of Environmental Engineering (Japan)</i> , 2005 , 70, 75-82	0.3	7
52	Effect of diurnal variation in wind velocity profiles on ventilation performance estimates. <i>Energy and Buildings</i> , 2016 , 130, 397-407	7	7
51	Experimental investigation of the effect of clothing insulation on thermal comfort indices. <i>Building and Environment</i> , 2021 , 187, 107393	6.5	7
50	Comparison of different deep neural network architectures for isothermal indoor airflow prediction. <i>Building Simulation</i> , 2020 , 13, 1409-1423	3.9	6
49	Analysis of turbulent structures around a rectangular prism building model using spectral proper orthogonal decomposition. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 206, 104213	3.7	6
48	Application of Exergy Analysis to Chilled Water Circuit and Heat Pump System. <i>Energy Procedia</i> , 2015 , 78, 1075-1080	2.3	5
47	NUMERICAL STUDY BASED ON UNSTEADY RADIATION AND CONDUCTION ANALYSIS : Prediction of outdoor environment with unsteady coupled simulation of convection, radiation and conduction Part 1. <i>Nihon Kenchiku Gakkai Keikakukei Ronbunshu</i> , 2002 , 67, 99-106	0.2	5
46	Validation of lattice Boltzmann method-based large-eddy simulation applied to wind flow around single 1:1:2 building model. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 206, 104277	3.7	5

45	Comparison of winter air infiltration and its influences between large-space and normal-space buildings. <i>Building and Environment</i> , 2020 , 184, 107183	6.5	5
44	Influence of data preprocessing on neural network performance for reproducing CFD simulations of non-isothermal indoor airflow distribution. <i>Energy and Buildings</i> , 2021 , 230, 110525	7	5
43	Identification of three-dimensional flow features around a square-section building model via spectral proper orthogonal decomposition. <i>Physics of Fluids</i> , 2021 , 33, 035151	4.4	5
42	Experimental measurements of airflow features and velocity distribution exhaled from sneeze and speech using particle image velocimetry.. <i>Building and Environment</i> , 2021 , 205, 108293	6.5	5
41	Study on Noncondensing Air-Conditioning System Performance When Combining a Desiccant Cooling System with a CO2 Heat Pump. <i>HVAC and R Research</i> , 2006 , 12, 917-933		4
40	CFD Simulation of Thermal Plume and Firebrands Scattering in Urban Fire. <i>Fire Science and Technology</i> , 2004 , 23, 152-163	0.8	4
39	URBAN CLIMATE ANALYSIS BASED ON LOCAL CLIMATE MODEL COUPLED WITH HEAT RELEASE MODEL THROUGH AIR CONDITIONING : Development of heat release model through air conditioning and study on effects of countermeasures for urban heat island. <i>Journal of Environmental Engineering (Japan)</i> , 2005 , 70, 65-71	0.3	4
38	IMPROVEMENT OF THE PREDICTION ACCURACY OF RADIATION CALCULATION IN THE URBAN CANOPY MODEL INCORPORATED INTO THE MESO-SCALE METEOROLOGICAL MODEL. <i>Journal of Environmental Engineering (Japan)</i> , 2006 , 71, 63-70	0.3	4
37	Boundary layer wind tunnel modeling experiments on pumping ventilation through a three-story reduce-scaled building with two openings. <i>Building and Environment</i> , 2021 , 202, 108043	6.5	4
36	A Numerical Study of Firebrands Scattering in Urban Fire Based on CFD and Firebrands Aerodynamics Measurements. <i>Journal of Fire Sciences</i> , 2007 , 25, 355-378	1.5	3
35	Numerical analysis of thermal plume caused by large-scale fire in urban area. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1999 , 81, 261-271	3.7	3
34	Unsteady-state exergetic performance comparison of externally and internally insulated building envelopes. <i>International Journal of Heat and Mass Transfer</i> , 2020 , 163, 120414	4.9	3
33	Effects of wall function model in lattice Boltzmann method-based large-eddy simulation on built environment flows. <i>Building and Environment</i> , 2021 , 195, 107764	6.5	3
32	Development of chiller-attached apparatus for accurate initial ground temperature measurement: Insights from global sensitivity analysis of thermal response tests. <i>Energy and Buildings</i> , 2021 , 238, 110841	7.1	3
31	Comparison of metaheuristics and dynamic programming for district energy optimization. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 294, 012040	0.3	2
30	IMPROVEMENT OF PARAMETERIZATION OF GROUND SURFACE AND INCORPORATION OF ANTHROPOGENIC HEAT RELEASE. <i>Journal of Environmental Engineering (Japan)</i> , 2008 , 73, 1125-1132	0.3	2
29	Implementation of a coupled simulation framework with neural network and Modelica for fast building energy simulation considering non-uniform indoor environment. <i>Building and Environment</i> , 2022 , 211, 108740	6.5	2
28	Sea Breeze Blowing into Urban Areas: Mitigation of the Urban Heat Island Phenomenon. <i>Springer Geography</i> , 2012 , 11-32	0.4	2

27	Development of distributed multiple-source and multiple-use heat pump system using renewable energy: Outline of test building and experimental evaluation of cooling and heating performance. <i>Japan Architectural Review</i> , 2021 , 4, 241-252	0.8	2
26	Two thermal performance test (TPT) datasets of a single U-tube borehole heat exchanger with inlet setpoint temperatures of 30 °C and 40 °C. <i>Data in Brief</i> , 2018 , 20, 1769-1774	1.2	2
25	Unsteady-state exergy analysis for heat conduction of homogeneous solids under periodic boundary conditions. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 139, 773-788	4.9	1
24	Experimental performance analysis of a multiple-source and multiple-use heat pump system: winter field experiment and heating operation performance evaluation. <i>E3S Web of Conferences</i> , 2019 , 111, 01076	0.5	1
23	A STUDY OF EVALUATION METHOD OF THE CONCENTRATION VARIANCE AT THE SUBGRID-SCALE IN LARGE-EDDY SIMULATION. <i>Journal of Environmental Engineering (Japan)</i> , 2013 , 78, 579-588	0.3	1
22	STUDY ON CHARACTERISTICS OF WIND-INDUCED INFLOW AND OUTFLOW THROUGH A SINGLE OPENING IN A BUILDING USING LARGE-EDDY SIMULATIONS. <i>Journal of Environmental Engineering (Japan)</i> , 2007 , 72, 17-24	0.3	1
21	INFLUENCE OF LAND USE DATA IN A URBAN THERMAL ENVIRONMENT PREDICTION AND EXAMINATION ABOUT AN APPLICATION LIMIT. <i>Journal of Environmental Engineering (Japan)</i> , 2006 , 71, 45-50	0.3	1
20	Comprehensive validation of experimental and numerical natural ventilation predictions based on field measurement with experimental house. <i>Building and Environment</i> , 2022 , 207, 108433	6.5	1
19	Observational assessment of applicability of Pasquill stability class in urban areas for detection of neutrally stratified wind profiles. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 206, 104337	3.7	1
18	Winter air infiltration induced by combined buoyancy and wind forces in large-space buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021 , 210, 104501	3.7	1
17	Experimental assessment of convective and radiative heat transfer coefficients for various clothing ensembles. <i>International Journal of Biometeorology</i> , 2021 , 65, 1811-1822	3.7	1
16	Development of probabilistic assessment framework for pedestrian wind environment using Bayesian technique. <i>Building and Environment</i> , 2021 , 187, 107419	6.5	1
15	DEVELOPMENT OF THE DIGITAL-TWIN FOR BUILDING FACILITIES (PART 3): A COMPARISON OF METAHEURISTICS AND REINFORCEMENT LEARNING FOR OPTIMAL CONTROLS. <i>Journal of Environmental Engineering (Japan)</i> , 2022 , 87, 222-230	0.3	1
14	Bayesian prediction model of thermally satisfied occupants considering stochasticity due to inter- and intra-individual thermal sensation variations. <i>Journal of Building Engineering</i> , 2022 , 52, 104414	5.2	1
13	Experimental analysis of artificial intelligence-based model predictive control for thermal energy storage under different cooling load conditions. <i>Sustainable Cities and Society</i> , 2022 , 79, 103700	10.1	0
12	DEVELOPMENT OF THE DIGITAL-TWIN FOR BUILDING FACILITIES (PART 1): VERIFICATION OF PREDICTIVE ACCURACY OF ANN MODELS FOR HEAT SOURCE SYSTEM BASED ON OPERATION DATA. <i>Journal of Environmental Engineering (Japan)</i> , 2020 , 85, 267-275	0.3	0
11	Development of a prediction model tuning method with a dual-structured optimization framework for an entire heating, ventilation and air-conditioning system. <i>Sustainable Cities and Society</i> , 2022 , 79, 103667	10.1	0
10	A CFD-Based Optimization of Building Configuration for Urban Ventilation Potential. <i>Energies</i> , 2021 , 14, 1447	3.1	0

9	A wall function approach in lattice Boltzmann method: algorithm and validation using turbulent channel flow. <i>Fluid Dynamics Research</i> , 2021 , 53, 045506	1.2	0
8	Smart design and control of thermal energy storage in low-temperature heating and high-temperature cooling systems: A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 166, 112625	16.2	0
7	Effects of ambient temperature, airspeed, and wind direction on heat transfer coefficient for the human body by means of manikin experiments and CFD analysis. <i>E3S Web of Conferences</i> , 2019 , 111, 02041	0.5	
6	EXERGY ANALYSIS ON CHILLED-WATER CIRCUIT SYSTEM WITH FOUR VARIABLE-FLOW CONTROL STRATEGIES AND TWO SUPPLY WATER TEMPERATURES. <i>Journal of Environmental Engineering (Japan)</i> , 2015 , 80, 425-432	0.3	
5	WIND TUNNEL STUDY ON CHARACTERISTICS OF VENTILATED ROOM WITH BALCONY IN CROSSWIND. <i>Journal of Environmental Engineering (Japan)</i> , 2008 , 73, 895-902	0.3	
4	Fast and Accurate Prediction Method for Indoor Air Distribution Using Deep Learning. <i>Japanese Journal of Multiphase Flow</i> , 2021 , 35, 437-444	0.3	
3	VALIDITY EVALUATION OF TURBULENT FLUX MODELING IN STANDARD K- ϵ MODEL WITHIN AND ABOVE URBAN CANYON UNDER VARIOUS CONDITIONS OF THERMAL STRATIFICATION USING LES. <i>Journal of Environmental Engineering (Japan)</i> , 2017 , 82, 893-903	0.3	
2	Exergy analysis of solar thermal energy utilization for buildings: comparison between Multiple source & Multiple use Heat Pump (MMHP) and Solar Water Heater (SWH) systems for winter season. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 609, 062015	0.4	
1	Probabilistic uncertainty quantification of borehole thermal resistance in real-world scenarios. <i>Energy</i> , 2022 , 124400	7.9	