Ryozo Ooka

List of Publications by Year in Descending Order

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	Experimental analysis of artificial intelligence-based model predictive control for thermal energy storage under different cooling load conditions. *Sustainable Cities and Society*, **2022**, 79, 103700	10.1	0
133	Implementation of a coupled simulation framework with neural network and Modelica for fast building energy simulation considering non-uniform indoor environment. *Building and Environment*, **2022**, 211, 108740	6.5	2
132	Development of a prediction model tuning method with a dual-structured optimization framework for an entire heating, ventilation and air-conditioning system. *Sustainable Cities and Society*, **2022**, 79, 103667	10.1	0
131	Comprehensive validation of experimental and numerical natural ventilation predictions based on field measurement with experimental house. *Building and Environment*, **2022**, 207, 108433	6.5	1
130	DEVELOPMENT OF THE DIGITAL-TWIN FOR BUILDING FACILITIES (PART 3): A COMPARISON OF METAHEURISTICS AND REINFORCEMENT LEARNING FOR OPTIMAL CONTROLS. *Journal of Environmental Engineering (Japan)*, **2022**, 87, 222-230	0.3	1
129	Bayesian prediction model of thermally satisfied occupants considering stochasticity due to inter- and intra-individual thermal sensation variations. *Journal of Building Engineering*, **2022**, 52, 104414	5.2	1
128	Probabilistic uncertainty quantification of borehole thermal resistance in real-world scenarios. *Energy*, **2022**, 124400	7.9	
127	Smart design and control of thermal energy storage in low-temperature heating and high-temperature cooling systems: A comprehensive review. *Renewable and Sustainable Energy Reviews*, **2022**, 166, 112625	16.2	0
126	Fast and Accurate Prediction Method for Indoor Air Distribution Using Deep Learning. *Japanese Journal of Multiphase Flow*, **2021**, 35, 437-444	0.3	
125	A CFD-Based Optimization of Building Configuration for Urban Ventilation Potential. *Energies*, **2021**, 14, 1447	3.1	0
124	Winter air infiltration induced by combined buoyancy and wind forces in large-space buildings. *Journal of Wind Engineering and Industrial Aerodynamics*, **2021**, 210, 104501	3.7	1
123	Effects of wall function model in lattice Boltzmann method-based large-eddy simulation on built environment flows. *Building and Environment*, **2021**, 195, 107764	6.5	3
122	Experimental assessment of convective and radiative heat transfer coefficients for various clothing ensembles. *International Journal of Biometeorology*, **2021**, 65, 1811-1822	3.7	1
121	Development of chiller-attached apparatus for accurate initial ground temperature measurement: Insights from global sensitivity analysis of thermal response tests. *Energy and Buildings*, **2021**, 238, 110841	7	3
120	Influence of data preprocessing on neural network performance for reproducing CFD simulations of non-isothermal indoor airflow distribution. *Energy and Buildings*, **2021**, 230, 110525	7	5
119	Development of probabilistic assessment framework for pedestrian wind environment using Bayesian technique. *Building and Environment*, **2021**, 187, 107419	6.5	1
118	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. *Japan Architectural Review*, **2021**, 4, 241-252	0.8	2

117	Experimental investigation of the effect of clothing insulation on thermal comfort indices. *Building and Environment*, **2021**, 187, 107393	6.5	7
116	CFD simulations on high-buoyancy gas dispersion in the wake of an isolated cubic building using steady RANS model and LES. *Building and Environment*, **2021**, 188, 107478	6.5	8
115	Identification of three-dimensional flow features around a square-section building model via spectral proper orthogonal decomposition. *Physics of Fluids*, **2021**, 33, 035151	4.4	5
114	A wall function approach in lattice Boltzmann method: algorithm and validation using turbulent channel flow. *Fluid Dynamics Research*, **2021**, 53, 045506	1.2	0
113	Boundary layer wind tunnel modeling experiments on pumping ventilation through a three-story reduce-scaled building with two openings. *Building and Environment*, **2021**, 202, 108043	6.5	4
112	Measurements of exhaled airflow velocity through human coughs using particle image velocimetry. *Building and Environment*, **2021**, 202, 108020	6.5	8
111	Recent research on expiratory particles in respiratory viral infection and control strategies: A review. *Sustainable Cities and Society*, **2021**, 73, 103106	10.1	8
110	Experimental measurements of airflow features and velocity distribution exhaled from sneeze and speech using particle image velocimetry.. *Building and Environment*, **2021**, 205, 108293	6.5	5
109	Comparison of different deep neural network architectures for isothermal indoor airflow prediction. *Building Simulation*, **2020**, 13, 1409-1423	3.9	6
108	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. *Journal of Environmental Engineering (Japan)*, **2020**, 85, 267-275	0.3	0
107	Wind tunnel experiment on high-buoyancy gas dispersion around isolated cubic building. *Journal of Wind Engineering and Industrial Aerodynamics*, **2020**, 202, 104226	3.7	10
106	Validation of lattice Boltzmann method-based large-eddy simulation applied to wind flow around single 1:1:2 building model. *Journal of Wind Engineering and Industrial Aerodynamics*, **2020**, 206, 104277	3.7	5
105	Unsteady-state exergetic performance comparison of externally and internally insulated building envelopes. *International Journal of Heat and Mass Transfer*, **2020**, 163, 120414	4.9	3
104	Observational assessment of applicability of Pasquill stability class in urban areas for detection of neutrally stratified wind profiles. *Journal of Wind Engineering and Industrial Aerodynamics*, **2020**, 206, 104337	3.7	1
103	Analysis of turbulent structures around a rectangular prism building model using spectral proper orthogonal decomposition. *Journal of Wind Engineering and Industrial Aerodynamics*, **2020**, 206, 104213	3.7	6
102	Model predictive control of building energy systems with thermal energy storage in response to occupancy variations and time-variant electricity prices. *Energy and Buildings*, **2020**, 225, 110291	7	10
101	Comparison of winter air infiltration and its influences between large-space and normal-space buildings. *Building and Environment*, **2020**, 184, 107183	6.5	5
100	Comparison of metaheuristics and dynamic programming for district energy optimization. *IOP Conference Series: Earth and Environmental Science*, **2019**, 294, 012040	0.3	2

99	Application of differential evolution-based constrained optimization methods to district energy optimization and comparison with dynamic programming. *Applied Energy*, **2019**, 254, 113670	10.7	9
98	Critical comparison between thermal performance test (TPT) and thermal response test (TRT): Differences in heat transfer process and extractable information. *Energy Conversion and Management*, **2019**, 199, 111967	10.6	7
97	Formulation of human body heat transfer coefficient under various ambient temperature, air speed and direction based on experiments and CFD. *Building and Environment*, **2019**, 160, 106168	6.5	14
96	Artificial neural network prediction models of stratified thermal energy storage system and borehole heat exchanger for model predictive control. *Science and Technology for the Built Environment*, **2019**, 25, 534-548	1.8	8
95	Unsteady-state exergy analysis for heat conduction of homogeneous solids under periodic boundary conditions. *International Journal of Heat and Mass Transfer*, **2019**, 139, 773-788	4.9	1
94	Effects of ambient temperature, airspeed, and wind direction on heat transfer coefficient for the human body by means of manikin experiments and CFD analysis. *E3S Web of Conferences*, **2019**, 111, 02041	0.5	
93	Experimental performance analysis of a multiple-source and multiple-use heat pump system: winter field experiment and heating operation performance evaluation. *E3S Web of Conferences*, **2019**, 111, 01076	0.5	1
92	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. *IOP Conference Series: Materials Science and Engineering*, **2019**, 609, 062015	0.4	
91	Lattice Boltzmann method-based large-eddy simulation of indoor isothermal airflow. *International Journal of Heat and Mass Transfer*, **2019**, 130, 700-709	4.9	9
90	Evaluation of k-□Reynolds stress modeling in an idealized urban canyon using LES. *Journal of Wind Engineering and Industrial Aerodynamics*, **2018**, 175, 213-228	3.7	13
89	Bayesian source term estimation of atmospheric releases in urban areas using LES approach. *Journal of Hazardous Materials*, **2018**, 349, 68-78	12.8	31
88	Impact of long-term operation of ground-source heat pump on subsurface thermal state in urban areas. *Sustainable Cities and Society*, **2018**, 38, 429-439	10.1	27
87	Consistency of mean wind speed in pedestrian wind environment analyses: Mathematical consideration and a case study using large-eddy simulation. *Journal of Wind Engineering and Industrial Aerodynamics*, **2018**, 173, 91-99	3.7	20
86	Exergy analysis for unsteady-state heat conduction. *International Journal of Heat and Mass Transfer*, **2018**, 116, 1124-1142	4.9	17
85	Development of the ASHRAE Global Thermal Comfort Database II. *Building and Environment*, **2018**, 142, 502-512	6.5	164
84	Bayesian inference of structural error in inverse models of thermal response tests. *Applied Energy*, **2018**, 228, 1473-1485	10.7	13
83	Bayesian inference for thermal response test parameter estimation and uncertainty assessment. *Applied Energy*, **2018**, 209, 306-321	10.7	35
82	Large-eddy simulation of pollutant dispersion in a cavity at fine grid resolutions. *Building and Environment*, **2018**, 127, 127-137	6.5	24

81	Two thermal performance test (TPT) datasets of a single U-tube borehole heat exchanger with inlet setpoint temperatures of 30 °C and 40 °C. *Data in Brief*, **2018**, 20, 1769-1774	1.2	2
80	New perspectives in thermal performance test: Cost-effective apparatus and extended data analysis. *Energy and Buildings*, **2018**, 180, 109-121	7	12
79	Observational study of power-law approximation of wind profiles within an urban boundary layer for various wind conditions. *Journal of Wind Engineering and Industrial Aerodynamics*, **2017**, 164, 13-21	3.7	31
78	Optimization method for multiple heat source operation including ground source heat pump considering dynamic variation in ground temperature. *Applied Energy*, **2017**, 193, 466-478	10.7	45
77	Turbulent Schmidt number for source term estimation using Bayesian inference. *Building and Environment*, **2017**, 125, 414-422	6.5	15
76	A probabilistic approach to the energy-saving potential of natural ventilation: Effect of approximation method for approaching wind velocity. *Building and Environment*, **2017**, 122, 94-104	6.5	8
75	Exergy analysis of a hybrid ground-source heat pump system. *Applied Energy*, **2017**, 204, 31-46	10.7	37
74	Adaptive thermal comfort in the offices of North-East India in autumn season. *Building and Environment*, **2017**, 124, 14-30	6.5	46
73	Predictive control strategies based on weather forecast in buildings with energy storage system: A review of the state-of-the art. *Energy and Buildings*, **2017**, 153, 485-500	7	99
72	VALIDITY EVALUATION OF TURBULENT FLUX MODELING IN STANDARD K-□MODEL WITHIN AND ABOVE URBAN CANYON UNDER VARIOUS CONDITIONS OF THERMAL STRATIFICATION USING LES. *Journal of Environmental Engineering (Japan)*, **2017**, 82, 893-903	0.3	
71	A study of urban thermal environment in Tokyo in summer of the 2030s under influence of global warming. *Energy and Buildings*, **2016**, 114, 54-61	7	20
70	Effect of disturbance on thermal response test, part 1: Development of disturbance analytical model, parametric study, and sensitivity analysis. *Renewable Energy*, **2016**, 85, 306-318	8.1	22
69	Effect of natural convection on thermal response test conducted in saturated porous formation: Comparison of gravel-backfilled and cement-grouted borehole heat exchangers. *Renewable Energy*, **2016**, 96, 891-903	8.1	48
68	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. *Renewable Energy*, **2016**, 85, 1090-1105	8.1	27
67	Optimal operation of energy systems including energy storage equipment under different connections and electricity prices. *Sustainable Cities and Society*, **2016**, 21, 1-11	10.1	9
66	Field Study on Humidification Performance of a Desiccant Air-Conditioning System Combined with a Heat Pump. *Energies*, **2016**, 9, 89	3.1	16
65	Effect of climate change on building cooling loads in Tokyo in the summers of the 2030s using dynamically downscaled GCM data. *Energy and Buildings*, **2016**, 114, 123-129	7	37
64	Impacts of inland water area changes on the local climate of Wuhan, China. *Indoor and Built Environment*, **2016**, 25, 296-313	1.8	9

63	A new optimization strategy for the operating schedule of energy systems under uncertainty of renewable energy sources and demand changes. *Energy and Buildings*, **2016**, 125, 75-85	7	18
62	Effect of diurnal variation in wind velocity profiles on ventilation performance estimates. *Energy and Buildings*, **2016**, 130, 397-407	7	7
61	A review on optimization techniques for active thermal energy storage control. *Energy and Buildings*, **2015**, 106, 225-233	7	31
60	Thermal comfort in offices in India: Behavioral adaptation and the effect of age and gender. *Energy and Buildings*, **2015**, 103, 284-295	7	94
59	Interpretation of disturbed data in thermal response tests using the infinite line source model and numerical parameter estimation method. *Applied Energy*, **2015**, 148, 476-488	10.7	45
58	Metaheuristic optimization methods for a comprehensive operating schedule of battery, thermal energy storage, and heat source in a building energy system. *Applied Energy*, **2015**, 151, 192-205	10.7	46
57	Study on the future weather data considering the global and local climate change for building energy simulation. *Sustainable Cities and Society*, **2015**, 14, 404-413	10.1	36
56	Drivers and barriers to occupant adaptation in offices in India. *Architectural Science Review*, **2015**, 58, 77-86	2.6	18
55	EXERGY ANALYSIS ON CHILLED-WATER CIRCUIT SYSTEM WITH FOUR VARIABLE-FLOW CONTROL STRATEGIES AND TWO SUPPLY WATER TEMPERATURES. *Journal of Environmental Engineering (Japan)*, **2015**, 80, 425-432	0.3	
54	Application of Exergy Analysis to Chilled Water Circuit and Heat Pump System. *Energy Procedia*, **2015**, 78, 1075-1080	2.3	5
53	Optimization of the HVAC system design to minimize primary energy demand. *Energy and Buildings*, **2014**, 76, 102-108	7	32
52	Theoretical analysis on ground source heat pump and air source heat pump systems by the concepts of cool and warm exergy. *Energy and Buildings*, **2014**, 75, 447-455	7	36
51	Adaptive model of thermal comfort for offices in hot and humid climates of India. *Building and Environment*, **2014**, 74, 39-53	6.5	157
50	Field investigation of comfort temperature in Indian office buildings: A case of Chennai and Hyderabad. *Building and Environment*, **2013**, 65, 195-214	6.5	63
49	Thermal comfort in offices in summer: Findings from a field study under the Setsuden conditions in Tokyo, Japan. *Building and Environment*, **2013**, 61, 114-132	6.5	98
48	A STUDY OF EVALUATION METHOD OF THE CONCENTRATION VARIANCE AT THE SUBGRID-SCALE IN LARGE-EDDY SIMULATION. *Journal of Environmental Engineering (Japan)*, **2013**, 78, 579-588	0.3	1
47	A numerical study of air pollutant dispersion with bimolecular chemical reactions in an urban street canyon using large-eddy simulation. *Atmospheric Environment*, **2012**, 54, 456-464	5.3	42
46	Sea Breeze Blowing into Urban Areas: Mitigation of the Urban Heat Island Phenomenon. *Springer Geography*, **2012**, 11-32	0.4	2

45	Influence of meteorological conditions on summer ozone levels in the central Kanto area of Japan. *Procedia Environmental Sciences*, **2011**, 4, 138-150		32
44	Thermal Energy Balance Analysis of the Tokyo Metropolitan Area Using a Mesoscale Meteorological Model Incorporating an Urban Canopy Model. *Boundary-Layer Meteorology*, **2011**, 138, 77-97	3.4	9
43	Development of potential map for ground and groundwater heat pump systems and the application to Tokyo. *Energy and Buildings*, **2011**, 43, 677-685	7	25
42	Simulation analysis of site design and layout planning to mitigate thermal environment of riverside residential development. *Building Simulation*, **2010**, 3, 51-61	3.9	25
41	Process analysis of ozone formation under different weather conditions over the Kanto region of Japan using the MM5/CMAQ modelling system. *Atmospheric Environment*, **2010**, 44, 4463-4473	5.3	23
40	Evaluation of estimation method of ground properties for the ground source heat pump system. *Renewable Energy*, **2010**, 35, 2123-2130	8.1	34
39	Improvement of sweating model in 2-Node Model and its application to thermal safety for hot environments. *Building and Environment*, **2010**, 45, 1565-1573	6.5	21
38	Numerical simulation of ground heat and water transfer for groundwater heat pump system based on real-scale experiment. *Energy and Buildings*, **2010**, 42, 69-75	7	103
37	Building energy system optimizations with utilization of waste heat from cogenerations by means of genetic algorithm. *Energy and Buildings*, **2010**, 42, 985-991	7	39
36	CFD analysis of pollutant dispersion around buildings: Effect of cell geometry. *Building and Environment*, **2009**, 44, 1699-1706	6.5	59
35	Optimal design method for building energy systems using genetic algorithms. *Building and Environment*, **2009**, 44, 1538-1544	6.5	107
34	Study on mitigation measures for outdoor thermal environment on present urban blocks in Tokyo using coupled simulation. *Building and Environment*, **2009**, 44, 2290-2299	6.5	124
33	Progress in Numerical Modelling for Urban Thermal Environment Studies. *Advances in Building Energy Research*, **2009**, 3, 147-188	1.8	10
32	INCORPORATING AN URBAN CANOPY MODEL TO REPRESENT THE EFFECTS OF BUILDINGS. *Journal of Environmental Engineering (Japan)*, **2009**, 74, 1009-1018	0.3	7
31	IMPROVEMENT OF PARAMETERIZATION OF GROUND SURFACE AND INCORPORATION OF ANTHROPOGENIC HEAT RELEASE. *Journal of Environmental Engineering (Japan)*, **2008**, 73, 1125-1132	0.3	2
30	WIND TUNNEL STUDY ON CHARACTERISTICS OF VENTILATED ROOM WITH BALCONY IN CROSSWIND. *Journal of Environmental Engineering (Japan)*, **2008**, 73, 895-902	0.3	
29	Analysis of regional characteristics of the atmospheric heat balance in the Tokyo metropolitan area in summer. *Journal of Wind Engineering and Industrial Aerodynamics*, **2008**, 96, 1640-1654	3.7	10
28	Analysis of wind-induced inflow and outflow through a single opening using LES & DES. *Journal of Wind Engineering and Industrial Aerodynamics*, **2008**, 96, 1678-1691	3.7	12

27	Influence of cell geometry and mesh resolution on large eddy simulation predictions of flow around a single building. *Building Simulation*, **2008**, 1, 251-260	3.9	7
26	Numerical and experimental study on convective heat transfer of the human body in the outdoor environment. *Journal of Wind Engineering and Industrial Aerodynamics*, **2008**, 96, 1719-1732	3.7	26
25	CFD analysis on traffic-induced air pollutant dispersion under non-isothermal condition in a complex urban area in winter. *Journal of Wind Engineering and Industrial Aerodynamics*, **2008**, 96, 1774-1788	3.7	27
24	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. *Journal of Wind Engineering and Industrial Aerodynamics*, **2008**, 96, 1733-1748	3.7	25
23	Study on optimum design method for pleasant outdoor thermal environment using genetic algorithms (GA) and coupled simulation of convection, radiation and conduction. *Building and Environment*, **2008**, 43, 18-30	6.5	60
22	Study on sustainable redevelopment of a densely built-up area in Tokyo by introducing a distributed local energy supply system. *Energy and Buildings*, **2008**, 40, 782-792	7	9
21	Development of a numerical model to predict heat exchange rates for a ground-source heat pump system. *Energy and Buildings*, **2008**, 40, 2133-2140	7	121
20	Recent development of assessment tools for urban climate and heat-island investigation especially based on experiences in Japan. *International Journal of Climatology*, **2007**, 27, 1919-1930	3.5	29
19	A Numerical Study of Firebrands Scattering in Urban Fire Based on CFD and Firebrands Aerodynamics Measurements. *Journal of Fire Sciences*, **2007**, 25, 355-378	1.5	3
18	STUDY ON CHARACTERISTICS OF WIND-INDUCED INFLOW AND OUTFLOW THROUGH A SINGLE OPENING IN A BUILDING USING LARGE-EDDY SIMULATIONS. *Journal of Environmental Engineering (Japan)*, **2007**, 72, 17-24	0.3	1
17	A Wind Tunnel Experimental Analysis of the Ventilation Characteristics of a Room with Single-Sided Opening in Uniform Flow. *International Journal of Ventilation*, **2006**, 5, 171-178	1.1	15
16	Study on Noncondensing Air-Conditioning System Performance When Combining a Desiccant Cooling System with a CO2 Heat Pump. *HVAC and R Research*, **2006**, 12, 917-933		4
15	INFLUENCE OF LAND USE DATA IN A URBAN THERMAL ENVIRONMENT PREDICTION AND EXAMINATION ABOUT AN APPLICATION LIMIT. *Journal of Environmental Engineering (Japan)*, **2006**, 71, 45-50	0.3	1
14	IMPROVEMENT OF THE PREDICTION ACCURACY OF RADIATION CALCULATION IN THE URBAN CANOPY MODEL INCORPORATED INTO THE MESO-SCALE METEOROLOGICAL MODEL. *Journal of Environmental Engineering (Japan)*, **2006**, 71, 63-70	0.3	4
13	Urban thermal environment measurements and numerical simulation for an actual complex urban area covering a large district heating and cooling system in summer. *Atmospheric Environment*, **2005**, 39, 6362-6375	5.3	88
12	STUDY ON URBAN CLIMATE ANALYSIS BASED ON MESO-SCALE CLIMATE MODEL INCORPORATED WITH THE URBAN CANOPY MODEL. *Journal of Environmental Engineering (Japan)*, **2005**, 70, 75-82	0.3	7
11	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. *Journal of Environmental Engineering (Japan)*, **2005**, 70, 65-71	0.3	4
10	CFD Simulation of Thermal Plume and Firebrands Scattering in Urban Fire. *Fire Science and Technology*, **2004**, 23, 152-163	0.8	4

9	Study on outdoor thermal environment of apartment block in Shenzhen, China with coupled simulation of convection, radiation and conduction. *Energy and Buildings*, **2004**, 36, 1247-1258	7	89
8	Studies on critical Reynolds number indices for wind-tunnel experiments on flow within urban areas. *Boundary-Layer Meteorology*, **2003**, 107, 353-370	3.4	80
7	NUMERICAL STUDY BASED ON UNSTEADY RADIATION AND CONDUCTION ANALYSIS : Prediction of outdoor environment with unsteady coupled simulation of convection, radiation and conduction Part 1. *Nihon Kenchiku Gakkai Keikakukei Ronbunshu*, **2002**, 67, 99-106	0.2	5
6	INFLUENCE OF GREEN AREA RATIO ON OUTDOOR THERMAL ENVIRONMENT WITH COUPLED SIMULATION OF CONVECTION, RADIATION AND MOISTURE TRANSPORT. *Nihon Kenchiku Gakkai Keikakukei Ronbunshu*, **2000**, 65, 77-84	0.2	11
5	STUDY ON EFFECT OF GREENING ON OUTDOOR THERMAL ENVIRONMENT USING THREE DIMENSIONAL PLANT CANOPY MODEL. *Nihon Kenchiku Gakkai Keikakukei Ronbunshu*, **2000**, 65, 87-94	0.2	18
4	CFD analysis of wind climate from human scale to urban scale. *Journal of Wind Engineering and Industrial Aerodynamics*, **1999**, 81, 57-81	3.7	78
3	Numerical analysis of thermal plume caused by large-scale fire in urban area. *Journal of Wind Engineering and Industrial Aerodynamics*, **1999**, 81, 261-271	3.7	3
2	CFD analysis of mesoscale climate in the Greater Tokyo area. *Journal of Wind Engineering and Industrial Aerodynamics*, **1997**, 67-68, 459-477	3.7	45
1	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. *Nihon Kenchiku Gakkai Keikakukei Ronbunshu*, **1997**, 62, 31-39	0.2	7