

Akashi Mochida

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

6,672
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87723

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124
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124
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124
times ranked

3459
citing authors

#	ARTICLE	IF	CITATIONS
1	A backpropagation neural network improved by a genetic algorithm for predicting the mean radiant temperature around buildings within the long-term period of the near future. <i>Building Simulation</i> , 2022, 15, 473-492.	3.0	14
2	QUANTIFICATION OF THE EFFECTS OF MEASURES AGAINST HOT OUTDOOR ENVIRONMENT ON ADAPTATION TO URBAN WARMING, MITIGATION OF HEAT ISLAND PHENOMENA, AND MITIGATION OF GLOBAL WARMING. <i>Journal of Environmental Engineering (Japan)</i> , 2022, 87, 271-281.	0.1	1
3	Proposal of <scp>LCZ</scp> categories and standards considering super high-rise buildings suited for Asian cities based on the analysis of urban morphological properties of Tokyo. <i>Japan Architectural Review</i> , 2022, 5, 247-268.	0.4	4
4	Prediction of mean radiant temperature distribution around a building in hot summer days using optimized multilayer neural network model. <i>Sustainable Cities and Society</i> , 2022, 84, 103995.	5.1	1
5	OBSERVATION OF THE VERTICAL PROFILES OF WIND VELOCITY BY TWO DOPPLER LIDARS ABOVE CITY CENTER IN COASTAL CITY SENDAI, JAPAN (PART 1): INFLUENCE OF CHARACTERISTICS OF INLAND WIND AND SEA BREEZE ABOVE THE CITY ON AIR TEMPERATURE AND HUMIDITY NEAR THE GROUND. <i>Journal of Environmental Engineering (Japan)</i> , 2021, 86, 185-195.	0.1	3
6	PARAMETER IDENTIFICATION OF STOMATAL CONDUCTANCE MODEL FOR THE PREDICTION OF TRANSPIRATION RATE ON TYPICAL SUMMER DAYS BASED ON THE RESULT OF FIELD MEASUREMENT OF TRANSPIRATION RATE OF ZELKOVA SERRATA. <i>Journal of Environmental Engineering (Japan)</i> , 2021, 86, 377-387.	0.1	3
7	STUDY ON THE ACCUMULATED THERMAL LOAD OF WALKING PEDESTRIANS (PART 1): SIMULTANEOUS MEASUREMENTS OF PHYSICAL ENVIRONMENTS AND PHYSIOLOGICAL RESPONSES DURING STANDING AND WALKING OUTDOORS IN SUMMER. <i>Journal of Environmental Engineering (Japan)</i> , 2021, 86, 259-269.	0.1	1
8	Evaluation of urban heat islands using local climate zones and the influence of sea-land breeze. <i>Sustainable Cities and Society</i> , 2020, 55, 102060.	5.1	63
9	LES ANALYSIS OF IMPACT OF NON-UNIFORMITY OF BUILDING HEIGHT IN HIGHLY DENSE URBAN DISTRICT ON WIND ENVIRONMENT (PART 1): QUANTITATIVE EVALUATION OF DRAG FORCE OF URBAN DISTRICT AND STREAMWISE MOMENTUM TRANSPORT. <i>Journal of Environmental Engineering (Japan)</i> , 2020, 85, 1005-1015.	0.1	2
10	International Workshop on Wind-Related Disasters and Mitigation. <i>Wind Engineers JAWE</i> , 2018, 43, 275-282.	0.0	0
11	Influence of urban configuration on the structure of kinetic energy transport and the energy dissipation rate. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 183, 198-213.	1.7	23
12	Analysis of climatic factors leading to future summer heatstroke risk changes in Tokyo and Sendai based on dynamical downscaling of pseudo global warming data using WRF. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 183, 187-197.	1.7	14
13	Wind tunnel experiment and CFD analysis of sand erosion/deposition due to wind around an obstacle. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 182, 262-271.	1.7	35
14	Evaluation of effects of windows installed with near-infrared rays retro-reflective film on thermal environment in outdoor spaces using CFD analysis coupled with radiant computation. <i>Building Simulation</i> , 2018, 11, 1053-1066.	3.0	11
15	Exergetic Performance of the Desiccant Heating, Ventilating, and Air-Conditioning (DHVAC) System. , 2017, , 109-131.		0
16	Application of Desiccant Heating, Ventilating, and Air-Conditioning System in Different Climatic Conditions of East Asia Using Silica Gel (SiO ₂) and Titanium Dioxide (TiO ₂) Materials. , 2017, , 271-299.		0
17	In-Situ Performance Evaluation of the Desiccant Heating, Ventilating, and Air-Conditioning System Using Multiple Tracer Gas Dilution Method. , 2017, , 301-326.		0
18	Cholesky decomposition-based generation of artificial inflow turbulence including scalar fluctuation. <i>Computers and Fluids</i> , 2017, 159, 23-32.	1.3	24

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19	Research on the influence of piloti on residential block's outdoor thermal comfort by questionnaire survey and coupled simulation method in Guangzhou, China. IOP Conference Series: Earth and Environmental Science, 2017, 69, 012003.	0.2	0
20	Study on the Influence of Piloti Ratio on Thermal Comfort of Residential Blocks by Local Thermal Comfort Adaptation Survey and CFD Simulations. Energy Procedia, 2017, 134, 712-722.	1.8	3
21	Heatstroke Risk Predictions for Current and Near-Future Summers in Sendai, Japan, Based on Mesoscale WRF Simulations. Sustainability, 2017, 9, 1467.	1.6	8
22	Measures for Depopulation and Falling Birthrate in Our Academic Society. Wind Engineers JAWE, 2017, 42, 341-342.	0.0	0
23	Urban Heat Island Simulations in Guangzhou, China, Using the Coupled WRF/UCM Model with a Land Use Map Extracted from Remote Sensing Data. Sustainability, 2016, 8, 628.	1.6	21
24	Numerical Analysis of the Effects of Windows with Heat Ray Retro-reflective Film on the Outdoor Thermal Environment within a Two-dimensional Square Cavity-type Street Canyon. Procedia Engineering, 2016, 169, 384-391.	1.2	7
25	VALIDATION OF PREDICTION METHOD OF ROOF SNOW DEPTH FOR AN ISOLATED GABLE-ROOF BUILDING. Journal of Structural and Construction Engineering, 2016, 81, 1051-1059.	0.2	2
26	INFLUENCE OF VARIOUS COMPUTATIONAL CONDITIONS IN RANS MODEL ON THE PREDICTION ACCURACY OF CONCENTRATION DISTRIBUTIONS. AIJ Journal of Technology and Design, 2016, 22, 609-614.	0.1	0
27	Outdoor thermal environment for different urban forms under summer conditions. Building Simulation, 2016, 9, 281-296.	3.0	32
28	WRF/UCM Simulations of Urban Heat Island in Guangzhou with an Extracted Land-use Map from the Remote Sensing Data. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 189.	0.6	0
29	Performance Test of Desiccant Heating, Ventilating and Air-Conditioning System by Using Multiple Tracer Gas Dilution Method. International Journal of Air-Conditioning and Refrigeration, 2015, 23, 1550027.	0.8	8
30	Exergoeconomic performances of the desiccant-evaporative air-conditioning system at different regeneration and reference temperatures. International Journal of Refrigeration, 2015, 56, 81-98.	1.8	13
31	Total assessment for various environmentally conscious techniques from three perspectives: Mitigation of global warming, mitigation of UHIs, and adaptation to urban warming. Sustainable Cities and Society, 2015, 19, 236-249.	5.1	39
32	Development of a new μ model to reproduce the aerodynamic effects of snow particles on a flow field. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 144, 118-124.	1.7	18
33	Evaluation of turbulent length scale within urban canopy layer based on LES data. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 144, 79-83.	1.7	16
34	Case analysis of utilizing alternative energy sources and technologies for the single family detached house. Solar Energy, 2014, 105, 243-263.	2.9	23
35	A GENERATION METHOD FOR TURBULENT FLUCTUATION OF WIND VELOCITY AND SCALAR BASED ON CHOLESKY DECOMPOSITION OF TURBULENT FLUXES. Journal of Environmental Engineering (Japan), 2014, 79, 771-776.	0.1	1
36	MODELLING OF CANOPY FLOW OF THE VARIOUS ROUGHNESS ARRAYS. Journal of Environmental Engineering (Japan), 2014, 79, 699-707.	0.1	1

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37	PIV measurements of saltating snow particle velocity in a boundary layer developed in a wind tunnel. <i>Journal of Visualization</i> , 2013, 16, 95-98.	1.1	10
38	Review of the advances in open-cycle absorption air-conditioning systems. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 28, 265-289.	8.2	29
39	Effect of regeneration temperatures in the exergetic performances of the developed desiccant-evaporative air-conditioning system. <i>International Journal of Refrigeration</i> , 2013, 36, 2323-2342.	1.8	18
40	First and second law analyses of the developed solar-desiccant air-conditioning system (SDACS) operation during the summer day. <i>Energy and Buildings</i> , 2013, 60, 239-251.	3.1	29
41	Cross Comparisons of CFD Results of Wind and Dispersion Fields for MUST Experiment: Evaluation Exercises by AIJ. <i>Journal of Asian Architecture and Building Engineering</i> , 2013, 12, 117-124.	1.2	10
42	A Field Study of Thermal Comfort in Outdoor and Semi-outdoor Environments in a Humid Subtropical Climate City. <i>Journal of Asian Architecture and Building Engineering</i> , 2013, 12, 73-79.	1.2	34
43	DEVELOPMENT OF NEW SNOWDRIFT MODEL BASED ON TWO TRANSPORT EQUATIONS OF DRIFTING SNOW DENSITY. <i>Journal of Environmental Engineering (Japan)</i> , 2013, 78, 149-156.	0.1	7
44	Hazards Caused by Drifting Snow due to Wind in Living Environment : Prediction of Snowdrift in Built-up Environment. <i>Journal of the Society of Mechanical Engineers</i> , 2013, 116, 470-473.	0.0	0
45	PERFORMANCE EVALUATION AND VALIDATION OF NUMERICAL SIMULATION FOR A FLOOR HEATING SYSTEM THAT UTILIZES SOLAR HEAT ENERGY. <i>Journal of Environmental Engineering (Japan)</i> , 2012, 77, 283-292.	0.1	0
46	Wind tunnel investigation of drifting snow development in a boundary layer. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2012, 104-106, 532-539.	1.7	47
47	Effect of floor level slit exhaust ventilation system on distribution of house dust. <i>Journal of Central South University</i> , 2012, 19, 696-702.	1.2	4
48	Study on the outdoor thermal environment and thermal comfort around campus clusters in subtropical urban areas. <i>Building and Environment</i> , 2012, 52, 162-170.	3.0	169
49	Performance of solar-desiccant cooling system with Silica-Gel (SiO ₂) and Titanium Dioxide (TiO ₂) desiccant wheel applied in East Asian climates. <i>Solar Energy</i> , 2012, 86, 1261-1279.	2.9	43
50	æ—¥æœ—éÇ“ã—¥ã—ã¼šãf™ã,1ãf^ãfšãf¼ããf'ãf¼è³žã,'ã—è³žã—ã¼. <i>Wind Engineers JAWE</i> , 2012, 37, 332-332.	0.0	0
51	Initial Operation and Performance Evaluation of the Developed Solar Thermal and Electric Desiccant Cooling System. <i>Experimental Heat Transfer</i> , 2011, 24, 59-87.	2.3	8
52	13th International Conference on Wind Engineering. <i>Wind Engineers JAWE</i> , 2011, 36, 406-428.	0.0	2
53	A Measurement Study on the Indoor Climate of a College Classroom. <i>International Journal of Ventilation</i> , 2011, 10, 251-261.	0.2	15
54	FIELD MEASUREMENT ON THERMAL ENVIRONMENT AND TURBULENT DIFFUSION OF AIR POLLUTANTS IN URBAN STREET CANYONS TO INVESTIGATE THE INFLUENCES OF ROADSIDE TREES AND AUTOMOBILES. <i>Journal of Environmental Engineering (Japan)</i> , 2011, 76, 623-631.	0.1	1

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55	OPTIMIZATION OF MODEL COEFFICIENTS FOR DIFFERENT CONFIGURATIONS AND DENSITIES OF CAR MOLDS. Journal of Environmental Engineering (Japan), 2011, 76, 831-837.	0.1	1
56	CFD modeling of snowdrift around a building: An overview of models and evaluation of a new approach. Building and Environment, 2011, 46, 899-910.	3.0	105
57	Development of a system for predicting snow distribution in built-up environments: Combining a mesoscale meteorological model and a CFD model. Journal of Wind Engineering and Industrial Aerodynamics, 2011, 99, 460-468.	1.7	48
58	Up-scaling CWE models to include mesoscale meteorological influences. Journal of Wind Engineering and Industrial Aerodynamics, 2011, 99, 187-198.	1.7	34
59	Corrigendum to "Construction and initial operation of the combined solar thermal and electric desiccant cooling system" [Sol. Energy 83(8) (2009) 1300-1311]. Solar Energy, 2010, 84, 512.	2.9	0
60	Development and construction of the novel solar thermal desiccant cooling system incorporating hot water production. Applied Energy, 2010, 87, 478-486.	5.1	78
61	Experimental heat and mass transfer of the separated and coupled rotating desiccant wheel and heat wheel. Experimental Thermal and Fluid Science, 2010, 34, 603-615.	1.5	65
62	Correlation analysis of urban planning factors and outdoor thermal environment around the residential buildings in hot-humid area of China. , 2010, , .		0
63	Predicting hourly cooling load in the building: A comparison of support vector machine and different artificial neural networks. Energy Conversion and Management, 2009, 50, 90-96.	4.4	281
64	Construction and initial operation of the combined solar thermal and electric desiccant cooling system. Solar Energy, 2009, 83, 1300-1311.	2.9	59
65	CFD study of the thermal environment in an air-conditioned train station building. Building and Environment, 2009, 44, 1452-1465.	3.0	62
66	Applying support vector machine to predict hourly cooling load in the building. Applied Energy, 2009, 86, 2249-2256.	5.1	387
67	Progress in Numerical Modelling for Urban Thermal Environment Studies. Advances in Building Energy Research, 2009, 3, 147-188.	1.1	13
68	Numerical Evaluation and Optimization of the Combined Solar Thermal and Electric Desiccant Cooling System. , 2009, , .		4
69	LES Analysis of Urban Environment - Progress in the field of building environmental engineering over the past 20 years -. Wind Engineers JAWE, 2009, 34, 416-425.	0.0	1
70	CFD prediction of turbulent flow under the influence of moving automobiles in street canyons. , 2009, , .		0
71	Numerical modeling of drifting snow around buildings. , 2009, , .		1
72	Comparison of various revised k-epsilon models and LES applied to flow around a high-rise building model with 1:1:2 shape placed within the surface boundary layer. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 389-411.	1.7	293

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73	Prediction of wind environment and thermal comfort at pedestrian level in urban area. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 1498-1527.	1.7	246
74	Examining tree canopy models for CFD prediction of wind environment at pedestrian level. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 1667-1677.	1.7	109
75	Development of a wind environment database in Tokyo for a comprehensive assessment system for heat island relaxation measures. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 1591-1602.	1.7	14
76	A new method to select appropriate countermeasures against heat-island effects according to the regional characteristics of heat balance mechanism. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 1629-1639.	1.7	14
77	All guidelines for practical applications of CFD to pedestrian wind environment around buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 1749-1761.	1.7	1,562
78	Wind tunnel tests on the relationship between building density and pedestrian-level wind velocity: Development of guidelines for realizing acceptable wind environment in residential neighborhoods. Building and Environment, 2008, 43, 1699-1708.	3.0	271
79	Heat Balance Analysis for Management and Design of Urban Environment. HKIE Transactions, 2008, 15, 13-23.	1.9	1
80	New Method of Coupling Multizone and CFD for Building Simulation. Journal of Asian Architecture and Building Engineering, 2008, 7, 125-129.	1.2	4
81	COMPARISON OF LES AND DURBIN TYPE $k-\epsilon$ MODEL FOR GAS DIFFUSION IN WEAK WIND REGION BEHIND A BUILDING. Journal of Environmental Engineering (Japan), 2008, 73, 615-622.	0.1	7
82	Synergization of Clean Energy Utilization, Clean Technology Development and Controlled Clean Environment Through Thermally Activated Desiccant Cooling System. , 2008, , .		12
83	DEVELOPMENT OF WIND ENVIRONMENT DATA-BASE FOR COMPREHENSIVE ASSESSMENT SYSTEM FOR BUILDING ENVIRONMENTAL EFFICIENCY ON HEAT ISLAND RELAXATION. Aij Journal of Technology and Design, 2007, 13, 659-662.	0.1	0
84	Applicability of linear type revised $k-\epsilon$ models to flow over topographic features. Journal of Wind Engineering and Industrial Aerodynamics, 2007, 95, 371-384.	1.7	14
85	Cooperative project for CFD prediction of pedestrian wind environment in the Architectural Institute of Japan. Journal of Wind Engineering and Industrial Aerodynamics, 2007, 95, 1551-1578.	1.7	339
86	Indoor thermal environment and energy saving for urban residential buildings in China. Energy and Buildings, 2006, 38, 1308-1319.	3.1	113
87	Energy conservation effect of new HVAC system for condominiums with solar collectors integrated with the balcony handrail. Energy and Buildings, 2006, 38, 1360-1367.	3.1	5
88	Total analysis of cooling effects of cross-ventilation affected by microclimate around a building. Solar Energy, 2006, 80, 371-382.	2.9	47
89	TA4 CFD Guideline for Pedestrian Wind Environment (Organized session). Wind Engineers JAWE, 2006, 2006, 529-536.	0.0	28
90	TB2 Urban Environment 3. Wind Engineers JAWE, 2006, 2006, 561-584.	0.0	0

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91	Methods for controlling airflow in and around a building under cross-ventilation to improve indoor thermal comfort. Journal of Wind Engineering and Industrial Aerodynamics, 2005, 93, 437-449.	1.7	71
92	Indoor thermal environment of urban residential buildings in China: winter investigation in five major cities. Energy and Buildings, 2004, 36, 1227-1233.	3.1	52
93	Cross Comparisons of CFD Results of Wind Environment at Pedestrian Level around a High-rise Building and within a Building Complex. Journal of Asian Architecture and Building Engineering, 2004, 3, 63-70.	1.2	74
94	Development of local area wind prediction system for selecting suitable site for windmill. Journal of Wind Engineering and Industrial Aerodynamics, 2003, 91, 1759-1776.	1.7	32
95	Numerical simulation of flow over topographic features by revised $k-\epsilon$ models. Journal of Wind Engineering and Industrial Aerodynamics, 2003, 91, 231-245.	1.7	42
96	DEVELOPMENT OF CFD METHOD FOR PREDICTING WIND ENVIRONMENT AROUND A HIGH-RISE BUILDING : Part2 : The cross comparison of CFD results using various $k-\epsilon$ models for the flowfield around a building model with 4:4:1 shape(Environmental Engineering). AIJ Journal of Technology and Design, 2003, 9, 169-174.	0.1	15
97	Numerical Study on Thermal Effects of Cold and High-albedo Surfaces Covered with Snow in Outdoor Environments. Journal of Asian Architecture and Building Engineering, 2002, 1, 175-182.	1.2	2
98	Development of Local Area Wind Energy Prediction Model for Selecting Suitable Site for Windmill. Wind Engineers JAWE, 2002, 2002, 9-16.	0.0	3
99	URBAN SCALE CLIMATE ANALYSIS USING CALCULATION RESULTS BY NUMERICAL SIMULATION MODEL AND OBSERVATION DATA. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2002, 67, 63-68.	0.1	3
100	Recent Progress in CWE and Its Applications to Environmental Problems. Wind Engineers JAWE, 2001, 2001, 11-20.	0.0	0
101	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.	0.1	16
102	STUDY ON EFFECTS OF URBANIZATION ON URBAN CLIMATE IN KANTO PLANE. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2000, 65, 83-88.	0.1	6
103	STUDY ON EFFECT OF GREENING ON OUTDOOR THERMAL ENVIRONMENT USING THREE DIMENSIONAL PLANT CANOPY MODEL. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2000, 65, 87-94.	0.1	22
104	CFD prediction of flowfield and snowdrift around a building complex in a snowy region. Journal of Wind Engineering and Industrial Aerodynamics, 1999, 81, 273-282.	1.7	41
105	CFD analysis of wind climate from human scale to urban scale. Journal of Wind Engineering and Industrial Aerodynamics, 1999, 81, 57-81.	1.7	98
106	Generation of velocity fluctuations for inflow boundary condition of LES. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 67-68, 51-64.	1.7	89
107	Development of a new $k-\epsilon$ model for flow and pressure fields around bluff body. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 67-68, 169-182.	1.7	118
108	CFD analysis of mesoscale climate in the Greater Tokyo area. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 67-68, 459-477.	1.7	50

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109	CFD prediction of gaseous diffusion around a cubic model using a dynamic mixed SGS model based on composite grid technique. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 67-68, 827-841.	1.7	46
110	CFD analysis of wind-structure interaction for oscillating square cylinders. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 72, 33-46.	1.7	20
111	On turbulent vortex shedding flow past 2D square cylinder predicted by CFD. Journal of Wind Engineering and Industrial Aerodynamics, 1995, 54-55, 191-211.	1.7	139
112	Numerical study on flow past 2D square cylinder by Large Eddy Simulation: Comparison between 2D and 3D computations. Journal of Wind Engineering and Industrial Aerodynamics, 1993, 50, 61-68.	1.7	22
113	Numerical Simulation of flowfield around Texas Tech Building by Large Eddy Simulation. Journal of Wind Engineering and Industrial Aerodynamics, 1993, 46-47, 455-460.	1.7	37
114	Unsteady pressure field around oscillating prism predicted by LES. Journal of Wind Engineering and Industrial Aerodynamics, 1993, 46-47, 551-556.	1.7	8
115	Velocity-pressure field of cross ventilation with open windows analyzed by wind tunnel and numerical simulation. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 44, 2575-2586.	1.7	108
116	Numerical study on velocity-pressure field and wind forces for bluff bodies by $\hat{\rho}\text{-}\hat{\mu}$, ASM and LES. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 44, 2841-2852.	1.7	66
117	COMPARISON BETWEEN : $\hat{\rho}\text{-}\hat{\mu}$ MODEL AND LES FOR TURBULENCE STRUCTURE AROUND CUBE. Journal of Architecture Planning and Environmental Engineering (Transactions of AIJ), 1991, 423, 23-31.	0.0	4
118	Examining the $\hat{\rho}\text{-}\hat{\mu}$ model by means of a wind tunnel test and large-eddy simulation of the turbulence structure around a cube. Journal of Wind Engineering and Industrial Aerodynamics, 1990, 35, 87-100.	1.7	122
119	Reply to the comments by A. Baskaran and T. Stathopoulos on "3-D numerical simulation of airflow around a cubic model by means of the model" by S. Murakami and A. Mochida. Journal of Wind Engineering and Industrial Aerodynamics, 1990, 34, 341-344.	1.7	0
120	Numerical simulation of velocity field and diffusion field in an urban area. Energy and Buildings, 1990, 15, 345-356.	3.1	15
121	Three-dimensional numerical simulation of turbulent flow around buildings using the $\hat{k}\text{-}\hat{\mu}$ turbulence model. Building and Environment, 1989, 24, 51-64.	3.0	54
122	3-D numerical simulation of airflow around a cubic model by means of the model. Journal of Wind Engineering and Industrial Aerodynamics, 1988, 31, 283-303.	1.7	141
123	Three-dimensional numerical simulation of air flow around a cubic model by means of large eddy simulation. Journal of Wind Engineering and Industrial Aerodynamics, 1987, 25, 291-305.	1.7	121