

Shin-ichi Tanabe

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

4,481
citations

186265

28
h-index

114465

63
g-index

201
all docs

201
docs citations

201
times ranked

4008
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting the infection probability distribution of airborne and droplet transmissions. Indoor and Built Environment, 2023, 32, 1900-1913.	2.8	3
2	Hygro-thermo-chemical transfer analysis of clothing microclimate using three-dimensional digital clothing model and computer-simulated person. Indoor and Built Environment, 2022, 31, 1493-1510.	2.8	5
3	EFFECT OF STRESS CAUSED BY INSUFFICIENT SLEEP ON HUMAN BIOEFFLUENTS AND PERCEIVED AIR QUALITY. Journal of Environmental Engineering (Japan), 2022, 87, 113-122.	0.4	0
4	Improvements to the cooling capacity measurements of suspended radiant ceiling panels to prevent under-sizing. Journal of Building Engineering, 2022, 51, 104242.	3.4	2
5	BEHAVIOR OF OPENING WINDOWS AS A MEASURE FOR COVID-19 AND ITS IMPACT ON VENTILATION RATE IN THE CLASSROOMS OF AN ELEMENTARY SCHOOL IN TOKYO. Journal of Environmental Engineering (Japan), 2022, 87, 347-358.	0.4	4
6	Differences in temperature measurement by commercial room temperature sensors: Effects of room cooling system, loads, sensor type and position. Energy and Buildings, 2021, 231, 110630.	6.7	11
7	Effect of thermal environment on sleep quality in actual bedroom in summer by sleep stages analysis. Japan Architectural Review, 2021, 4, 211-221.	1.1	3
8	Thermoregulation model JOS-3 with new open source code. Energy and Buildings, 2021, 231, 110575.	6.7	46
9	A paradigm shift to combat indoor respiratory infection. Science, 2021, 372, 689-691.	12.6	192
10	EVALUATION OF THE EFFECTIVENESS OF COMBINED POWER GENERATION USING PHOTOVOLTAIC GENERATION AND SOLID OXIDE FUEL CELLS BASED ON LIFESTYLE. Journal of Environmental Engineering (Japan), 2021, 86, 548-556.	0.4	1
11	EVALUATION OF WORKPLACE ENVIRONMENT, WORKER SATISFACTION AND PRODUCTIVITY WHEN WORKING FROM HOME FOR COVID-19 CONTROL. Journal of Environmental Engineering (Japan), 2021, 86, 441-450.	0.4	6
12	DIFFERENCES IN THE STRUCTURE OF THE INFLUENCE OF OFFICE DESIGN PREFERENCES ON INTELLECTUAL PRODUCTIVITY. Journal of Environmental Engineering (Japan), 2021, 86, 567-577.	0.4	2
13	Three-year outcomes and a leap forward in the fourth year of the JAR. Japan Architectural Review, 2021, 4, 419-419.	1.1	0
14	Operation of air-conditioning and sanitary equipment for SARS-CoV-2 infectious disease control. Japan Architectural Review, 2021, 4, 608-620.	1.1	10
15	Indirect calorimetry of metabolic rate in college-age Japanese subjects during various office activities. Building and Environment, 2021, 199, 107909.	6.9	16
16	Transdisciplinary areas covered by JAR and Paper of the Year 2020. Japan Architectural Review, 2021, 4, 547-547.	1.1	0
17	Spectral irradiance simulation for evaluating light environments for indoor plants. Japan Architectural Review, 2021, 4, 649.	1.1	0
18	BUILDING WELLNESS PERFORMANCE AND WORK ENGAGEMENT. Journal of Environmental Engineering (Japan), 2021, 86, 271-278.	0.4	3

#	ARTICLE	IF	CITATIONS
19	WORKER'S SATISFACTION AND WORKPLACE PRODUCTIVITY IN MEGA PLATE OFFICES WITH ACTIVITY-BASED WORKING. Journal of Environmental Engineering (Japan), 2021, 86, 818-828.	0.4	3
20	Measurement of local evaporative resistance of a typical clothing ensemble using a sweating thermal manikin. Japan Architectural Review, 2020, 3, 113-120.	1.1	11
21	Measures against COVID-19 concerning Summer Indoor Environment in Japan. Japan Architectural Review, 2020, 3, 423-434.	1.1	16
22	How can airborne transmission of COVID-19 indoors be minimised?. Environment International, 2020, 142, 105832.	10.0	933
23	Investigation of transient and heterogeneous micro-climate around a human body in an enclosed personalized work environment. Energy and Built Environment, 2020, 1, 423-431.	5.9	9
24	Climate emergency declaration and best paper awards. Japan Architectural Review, 2020, 3, 3-4.	1.1	0
25	Thermal Adaptation and Comfort Zones in Urban Semi-Outdoor Environments. Frontiers in Built Environment, 2020, 6, .	2.3	19
26	Development and Verification of a Zero Energy Cool Tree Which Providing Cool Comfort on Hot Summer Outdoor. AIJ Journal of Technology and Design, 2020, 26, 619-624.	0.3	0
27	OPERATIONAL STRATEGIES FOR SELF-CONSUMPTION CONSIDERING THE USE OF AN ELECTRIC VEHICLE IN A NET ZERO ENERGY HOUSE. Journal of Environmental Engineering (Japan), 2020, 85, 277-287.	0.4	0
28	POWER SUPPLY AND DEMAND OF ALL-ELECTRIFIED NET ZERO ENERGY HOUSES. Journal of Environmental Engineering (Japan), 2020, 85, 685-694.	0.4	1
29	PRE-COOLING OPERATION AIMING FOR DEMAND RESPONSE ADAPTATION IN HOUSE. Journal of Environmental Engineering (Japan), 2020, 85, 215-224.	0.4	1
30	Renovating a house to aim for net-zero energy, thermal comfort, energy self-consumption and behavioural adaptation: A method proposed for ENEMANE HOUSE 2017. Energy and Buildings, 2019, 201, 183-193.	6.7	11
31	Relationship between attributes of individual workers and concentration at work. E3S Web of Conferences, 2019, 111, 02050.	0.5	4
32	Measurement of Face-touching Frequency in a Simulated Train. E3S Web of Conferences, 2019, 111, 02027.	0.5	11
33	Prediction of physiological exertion in hot environments using the JOS-2 thermoregulation model. E3S Web of Conferences, 2019, 111, 02058.	0.5	0
34	Measurement and Operational Improvement in an Office with Thermo Active Building System. E3S Web of Conferences, 2019, 111, 02065.	0.5	0
35	A Renovation Proposal for Zero-Energy Houses: Outline of Building Planning and Evaluation of Thermal Environment. E3S Web of Conferences, 2019, 111, 04001.	0.5	0

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37	Evaluation Method for Thermal Environment in Residential Houses Using Score on Warmth. E3S Web of Conferences, 2019, 111, 01007.	0.5	0
38	Proposal and Evaluation of an Equipment Operating Method Using Solar Radiation Prediction in a Zero Energy House. E3S Web of Conferences, 2019, 111, 05003.	0.5	0
39	Evaluation of Short-Distance Airborne Infection Risk Using a Cough Generator. E3S Web of Conferences, 2019, 111, 02028.	0.5	0
40	Effects of Wellness Conscious Buildings on the Well-being and Comfort of Workers. E3S Web of Conferences, 2019, 111, 02047.	0.5	0
41	Distribution of transient formaldehyde concentration in confined small glass desiccators and its impact on emission rate measurement. Atmospheric Environment, 2019, 218, 116979.	4.1	3
42	Review on the Surface Heat Transfer Coefficients of Radiant Systems. E3S Web of Conferences, 2019, 111, 01075.	0.5	1
43	Coupling of a cardiovascular model with a thermoregulation model to predict human blood pressure under unsteady environmental conditions. E3S Web of Conferences, 2019, 111, 02062.	0.5	1
44	Thermal Comfort Condition of Passengers in Naturally Ventilated Train Stations. E3S Web of Conferences, 2019, 111, 02069.	0.5	0
45	Application of a heat source system using solar energy with hot water storage. IOP Conference Series: Earth and Environmental Science, 2019, 294, 012049.	0.3	0
46	A Field Survey on Indoor Air Pollution in School Classrooms with Different Ventilation Methods. E3S Web of Conferences, 2019, 111, 01020.	0.5	5
47	Efficient Operation of Heat Source using High-temperature Chilled Water in an Advanced Office Building. E3S Web of Conferences, 2019, 111, 03071.	0.5	2
48	A review of the surface heat transfer coefficients of radiant heating and cooling systems. Building and Environment, 2019, 159, 106156.	6.9	58
49	The emission rate of newly regulated chemical substances from building materials. IOP Conference Series: Materials Science and Engineering, 2019, 609, 042046.	0.6	1
50	RESIDENTIAL PNEUMATIC FLOOR-HEATING SYSTEM USING PHASE-CHANGE MATERIAL. Journal of Environmental Engineering (Japan), 2019, 84, 271-280.	0.4	2
51	PROPOSAL OF RENOVATION TO ZERO ENERGY HOUSE (ZEH) FROM AN EXISTING INDUSTRIALIZED HOUSE. AIJ Journal of Technology and Design, 2019, 25, 239-242.	0.3	1
52	MEASUREMENT OF LOCAL EVAPORATIVE RESISTANCE OF TYPICAL CLOTHING ENSEMBLE USING A SWEATING THERMAL MANIKIN. Journal of Environmental Engineering (Japan), 2019, 84, 653-660.	0.4	2
53	USEFULNESS VERIFICATION BY SUBJECTIVE EXPERIMENT OF EVALUATION METHOD FOR THERMAL ENVIRONMENT "SCORE ON THE WARMTH" UTILIZING CASBEE HOUSING HEALTH CHECKLIST. Journal of Environmental Engineering (Japan), 2019, 84, 845-854.	0.4	1
54	ENVIRONMENT SATISFACTION AND WORK EFFICIENCY OF WORKPLACE WITH ACTIVITY-BASED WORKING. Journal of Environmental Engineering (Japan), 2019, 84, 975-981.	0.4	5

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55	EMPIRICAL STUDY ON EFFECTIVE UTILIZATION OF PHOTOVOLTAIC POWER GENERATION BY PRECOOLING AND PREHEATING OPERATION IN HOUSE. Journal of Environmental Engineering (Japan), 2019, 84, 73-81.	0.4	7
56	RELATIONSHIP BETWEEN HUMAN HEAT LOAD AND SLEEP QUALITY. Journal of Environmental Engineering (Japan), 2019, 84, 919-926.	0.4	5
57	Longitudinal study of housing for the promotion of health and well-being using a covariance structure model to identify the causal relationships between satisfaction with living environment, stress, and chronic low back pain. Japan Architectural Review, 2018, 1, 154-166.	1.1	4
58	International Journal of Japan Architectural Review for Engineering and Design: Launch of JAR. Japan Architectural Review, 2018, 1, 2-3.	1.1	2
59	Versatile Modeling Platform for Cooperative Energy Management Systems in Smart Cities. Proceedings of the IEEE, 2018, 106, 594-612.	21.3	47
60	Distributed Energy Management for Comprehensive Utilization of Residential Photovoltaic Outputs. IEEE Transactions on Smart Grid, 2018, 9, 1216-1227.	9.0	44
61	Sensory evaluation and chemical analysis of exhaled and dermally emitted bioeffluents. Indoor Air, 2018, 28, 146-163.	4.3	48
62	MEASUREMENT OF COUGH DROPLET DEPOSITION USING THE COUGH MACHINE. Journal of Environmental Engineering (Japan), 2018, 83, 57-64.	0.4	12
63	EFFECT OF THERMAL ENVIRONMENT ON SLEEP QUALITY IN ACTUAL BEDROOM IN SUMMER BY SLEEP STAGES ANALYSIS. Journal of Environmental Engineering (Japan), 2018, 83, 277-284.	0.4	9
64	Development of the ASHRAE Global Thermal Comfort Database II. Building and Environment, 2018, 142, 502-512.	6.9	279
65	Operation planning method for home air-conditioners considering characteristics of installation environment. Energy and Buildings, 2018, 177, 351-362.	6.7	10
66	EVALUATION OF THERMAL ENVIRONMENT CONSIDERING THE EFFECTS OF BODY MOVEMENT DURING SLEEP. Journal of Environmental Engineering (Japan), 2018, 83, 831-838.	0.4	4
67	ESTIMATION OF EQUIVALENT DIFFUSION LENGTH FOR DESICCATOR GEOMETRIES APPLICABLE TO FORMALDEHYDE EMISSION TEST. Journal of Environmental Engineering (Japan), 2018, 83, 883-889.	0.4	0
68	ENERGY CONSUMPTION SURVEY OF ELEMENTARY SCHOOLS WITH AIR-CONDITIONER IN URBAN AREA. Journal of Environmental Engineering (Japan), 2018, 83, 385-391.	0.4	1
69	PROPOSAL OF EVALUATION METHOD FOR THERMAL ENVIRONMENT UTILIZING CASBEE HOUSING HEALTH CHECKLIST. Journal of Environmental Engineering (Japan), 2018, 83, 533-542.	0.4	3
70	Emerging developments in the standardized chemical characterization of indoor air quality. Environment International, 2017, 98, 233-237.	10.0	24
71	Development of prediction-based operation planning method for domestic air-conditioner with adaptive learning of installation environment. , 2017, , .		1
72	Concentration of Formaldehyde, Acetaldehyde, and Five Volatile Organic Compounds in Indoor Air: The Clean-Healthy House Construction Standard (South Korea). Journal of Asian Architecture and Building Engineering, 2017, 16, 633-639.	2.0	6

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73	THE EFFECTS OF SVOC CONTAMINATION ON INDOOR ENVIRONMENT WITH USED PVC SHEETS IN INDOOR. Journal of Environmental Engineering (Japan), 2017, 82, 51-57.	0.4	1
74	A BASIC STUDY ON CHARACTERISTICS OF MOLD MOVEMENT IN GLASS WOOL HEAT INSULATING MATERIALS. Journal of Environmental Engineering (Japan), 2017, 82, 863-871.	0.4	0
75	EFFECTS OF CASBEE AND TOKYO METROPOLITAN GOVERNMENT TOP LEVEL CERTIFICATES ON THE NET OPERATING INCOME AND UTILITY EXPENSES IN J-REIT OWNED OFFICE BUILDINGS. Journal of Environmental Engineering (Japan), 2017, 82, 273-279.	0.4	4
76	A PROPOSAL AND PRACTICE OF "WASEDA LIVE HOUSE", A ZERO ENERGY HOUSE, IN ENEMANEHOUSE 2015. AIJ Journal of Technology and Design, 2017, 23, 545-548.	0.3	3
77	Measuring Degree of Contamination by Semi-volatile Organic Compounds (SVOC) in Interiors of Korean Homes and Kindergartens. Journal of Asian Architecture and Building Engineering, 2017, 16, 661-668.	2.0	1
78	ENVIRONMENTAL SURFACE CONTAMINATION MEASURED BY ATP ASSAY AND ATTITUDE SURVEY OF MEDICAL AND CLEANING STAFF IN THE EXAMINATION ROOM. Journal of Environmental Engineering (Japan), 2016, 81, 893-899.	0.4	2
79	THE MEASUREMENT OF SVOC EMISSION RATE FROM BUILDING PRODUCTS AND DAILY GOODS BY USING MICRO CHAMBER. Journal of Environmental Engineering (Japan), 2016, 81, 209-216.	0.4	3
80	THE CRITERIA OF OUTDOOR CONDITIONS FOR OPERATING NATURAL VENTILATION OPENINGS. Journal of Environmental Engineering (Japan), 2016, 81, 375-384.	0.4	14
81	ENVIRONMENTAL SURFACE CONTAMINATION EXAMINED BY ATP ASSAY BEFORE AND AFTER TERMINAL ROOM CLEANING IN PATIENT ROOMS. Journal of Environmental Engineering (Japan), 2016, 81, 723-729.	0.4	2
82	FIELD MEASUREMENT OF SVOC IN INDOOR AIR AND HOUSE DUST IN RESIDENTIAL BUILDINGS. Journal of Environmental Engineering (Japan), 2016, 81, 199-207.	0.4	9
83	DESIGN AND CONSTRUCTION OF ZERO ENERGY HOUSE. AIJ Journal of Technology and Design, 2016, 22, 1049-1052.	0.3	4
84	PREDICTING LOCAL THERMAL SENSATION BY USING OF THERMOREGULATION MODEL. Journal of Environmental Engineering (Japan), 2016, 81, 795-802.	0.4	1
85	PHYSIOLOGICAL AND PSYCHOLOGICAL AMOUNT OF PEOPLE SENSITIVE TO COLD AND THOSE NOT SO SENSITIVE IN HOUSING DURING WINTER. Journal of Environmental Engineering (Japan), 2015, 80, 211-219.	0.4	6
86	LONGITUDINAL STUDY OF HOUSING FOR THE PROMOTION OF HEALTH AND WELL-BEING. Journal of Environmental Engineering (Japan), 2015, 80, 279-287.	0.4	1
87	EFFECTS OF THERMAL LOAD AND ITS VARIATION ON SLEEP. Journal of Environmental Engineering (Japan), 2015, 80, 917-923.	0.4	4
88	Personalized Energy Management Systems for Home Appliances Based on Bayesian Networks. Journal of International Council on Electrical Engineering, 2015, 5, 64-69.	0.4	8
89	Workplace productivity and individual thermal satisfaction. Building and Environment, 2015, 91, 42-50.	6.9	92
90	Workers' awareness and indoor environmental quality in electricity-saving offices. Building and Environment, 2015, 88, 10-19.	6.9	17

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91	Integrating requirements for the delivery of information relating to constructionâ€™product compositions. <i>Indoor and Built Environment</i> , 2014, 23, 653-664.	2.8	1
92	Influence of sorption area ratio and test method on formaldehyde reduction performance for sorptive building materials. <i>Construction and Building Materials</i> , 2014, 70, 175-182.	7.2	5
93	Cerebral blood flow, fatigue, mental effort, and task performance in offices with two different pollution loads. <i>Building and Environment</i> , 2014, 71, 153-164.	6.9	22
94	THERMAL COMFORT AND ENERGY INPUT OF HEATING SYSTEM BASED ON EQUIVALENT TEMPERATURE OF A THERMAL MANIKIN. <i>Journal of Environmental Engineering (Japan)</i> , 2014, 79, 1029-1035.	0.4	2
95	MESUREMENT OF SVOC CONCENTRATIONS IN DUST OF FOUR CHILD WELFARE FACILITIES. <i>Journal of Environmental Engineering (Japan)</i> , 2014, 79, 429-434.	0.4	6
96	PROSPECTS OF THERMAL COMFORT IN SEMI-OUTDOOR ENVIRONMENT. <i>Journal of Environmental Engineering (Japan)</i> , 2014, 79, 597-606.	0.4	6
97	WEB-BASED QUESTIONNAIRE SURVEY ON AWARENESS AND MEASURES OF SAVING ELECTRICITY BY REGION ; TOKYO, NAGOYA AND OSAKA. <i>Journal of Environmental Engineering (Japan)</i> , 2014, 79, 83-92.	0.4	0
98	EFFECT OF POWER SAVING MEASURES ON COMFORT, PRODUCTIVITY AND ENERGY CONSERVATION. <i>Journal of Environmental Engineering (Japan)</i> , 2014, 79, 901-908.	0.4	4
99	Necessity of Zero Energy Building(〈Feature〉Trend of net Zero Energy Building and Energy Saving by Tj ETQq1 1 0.784314 rgBT /Over 244-248.	0.1	0
100	Thermal comfort and productivity in offices under mandatory electricity savings after the Great East Japan earthquake. <i>Architectural Science Review</i> , 2013, 56, 4-13.	2.2	65
101	Progress in thermal comfort research over the last twenty years. <i>Indoor Air</i> , 2013, 23, 442-461.	4.3	363
102	Development of JOS-2 human thermoregulation model with detailed vascular system. <i>Building and Environment</i> , 2013, 66, 1-10.	6.9	67
103	RESEARCH ON DEHP EMISSION UNDER VARYING AIR FLOW VOLUME USING MICRO CHAMBER METHOD. <i>Journal of Environmental Engineering (Japan)</i> , 2013, 78, 25-30.	0.4	0
104	COVARIANCE STRUCTURAL ANALYSIS AMONG LIVING ENVIRONMENT, HOUSEWORK AND CHRONIC PAIN. <i>Journal of Environmental Engineering (Japan)</i> , 2013, 78, 55-61.	0.4	6
105	COVARIANCE STRUCTURAL MODELING-BASED MULTI-GROUP ANALYSIS AMONG LIVING ENVIRONMENT, HOUSEWORK AND CHRONIC LOW BACK PAIN. <i>Journal of Environmental Engineering (Japan)</i> , 2013, 78, 655-660.	0.4	4
106	EFFECT OF SAVING MEASURES ON POWER CONSUMPTION REDUCTION. <i>Journal of Environmental Engineering (Japan)</i> , 2013, 78, 793-798.	0.4	3
107	SURVEY RESEARCH ON THE REGULATIONS FOR ENERGY EFFICIENCY OF RESIDENTIAL AND NON-RESIDENTIAL BUILDINGS IN THE FOREIGN COUNTRIES. <i>AJ Journal of Technology and Design</i> , 2013, 19, 225-230.	0.3	1
108	LIVING ENVIRONMENT AND DAILY ACTIVITY RELATED TO CHRONIC LOW BACK PAIN. <i>Nihon Kenchiku Gakkai Keikakukei Ronbunshu</i> , 2013, 78, 2457-2464.	0.3	1

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109	RELATIONSHIP AMONG SATISFACTION WITH RESIDENTIAL ENVIRONMENT, STRESS AND SUBJECTIVE HEALTH OF OCCUPANTS. <i>Journal of Environmental Engineering (Japan)</i> , 2013, 78, 359-366.	0.4	7
110	MASS TRANSFER COEFFICIENT IN SMALL CHAMBER WITH AIR FLOW CONTROL UNIT. <i>Journal of Environmental Engineering (Japan)</i> , 2012, 77, 873-879.	0.4	0
111	INFLUENCE OF BUILDING INSULATION PERFORMANCE AND HEATING SYSTEMS ON THERMAL ENVIRONMENT AND ENERGY PERFORMANCE. <i>Journal of Environmental Engineering (Japan)</i> , 2011, 76, 231-238.	0.4	2
112	INFLUENCE BY THE DIFFERENCES OF METHODS AND AREA RATIOS OF SPECIMENS IN FORMALDEHYDE REDUCTION PERFORMANCE TEST FOR SORPTIVE BUILDING MATERIALS. <i>Journal of Environmental Engineering (Japan)</i> , 2011, 76, 35-41.	0.4	0
113	THE MEASUREMENT OF DEHP CONCENTRATION IN HOUSE DUST BEFORE AND AFTER RENOVATION IN KOREA HOUSES AND SVOC EMISSION RATES FROM PVC SHEETS. <i>Journal of Environmental Engineering (Japan)</i> , 2011, 76, 617-622.	0.4	0
114	EFFECTS OF MEASUREMENT PARAMETERS ON VOCs CONCENTRATION IN THE SAMPLING BAG. <i>Journal of Environmental Engineering (Japan)</i> , 2010, 75, 79-85.	0.4	0
115	A STUDY ON REDUCTION OF CHEMICAL SUBSTANCE EMISSION FACTOR WITH SEALER SOLVENTS MITIGATION EFFECTS ON SEALER PAINTS FOR CHEMICAL SUBSTANCES EMITTED FROM BUILDING MATERIALS. <i>Journal of Environmental Engineering (Japan)</i> , 2010, 75, 987-992.	0.4	2
116	DEVELOPMENT OF MULTI-SPLIT TYPE AIR-CONDITIONING SYSTEM MODEL FOR HVAC SYSTEM ENERGY SIMULATION BASED ON REFRIGERANTS THERMODYNAMIC PROPERTIES. <i>Journal of Environmental Engineering (Japan)</i> , 2010, 75, 279-287.	0.4	0
117	MEASUREMENT OF DEHP CONCENTRATION IN HOUSE DUST IN JAPAN AND KOREA. <i>Journal of Environmental Engineering (Japan)</i> , 2010, 75, 713-720.	0.4	6
118	Thermal comfort and productivity - Evaluation of workplace environment in a task conditioned office. <i>Building and Environment</i> , 2010, 45, 45-50.	6.9	164
119	The effect of indoor thermal environment on productivity by a year-long survey of a call centre. <i>Intelligent Buildings International</i> , 2009, 1, 184-194.	2.3	19
120	Statistical data analysis method for multi-zonal airflow measurement using multiple kinds of perfluorocarbon tracer gas. <i>Building and Environment</i> , 2009, 44, 546-557.	6.9	17
121	THE THERMAL PERFORMANCE BY FUTURE FORECAST MODEL OF GLASS FACADE BUILDINGS. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 1283-1289.	0.4	0
122	PRODUCTIVITY IN OFFICE WITH ELEVATED PRESET TEMPERATURE IN SUMMER. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 1329-1337.	0.4	0
123	A FIELD MEASUREMENT OF THERMAL ENVIRONMENT IN COOL BIZ OFFICE AND THE EVALUATION ON PRODUCTIVITY BY A QUESTIONNAIRE SURVEY. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 389-396.	0.4	19
124	THE EFFECT OF MODERATELY HOT ENVIRONMENT ON PERFORMANCE AND FATIGUE EVALUATED BY SUBJECTIVE EXPERIMENT OF LONG TIME EXPOSURE. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 525-530.	0.4	7
125	FUNDAMENTAL EVALUATION OF THE PERFORMANCE FIELD EXPERIMENT AND MODEL EXPERIMENT OF AIR-CONDITIONING SYSTEM WITH FLOOR THERMAL STORAGE. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 63-70.	0.4	5
126	EXPERIMENTAL PROOF OF ENERGY SAVING EFFECT BY COMMISSIONING USING HEAT SOURCE SYSTEM SIMULATION FOR A NEWSPAPER PRINTING FACTORY. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 991-999.	0.4	0

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127	THE BEHAVIORAL CHARACTERISTIC OF OFFICE WORKERS USE OF NATURAL VENTILATION WINDOW. Journal of Environmental Engineering (Japan), 2009, 74, 1075-1082.	0.4	6
128	ENERGY FORECAST OF AIR-CONDITIONER IN PUBLIC ELEMENTARY SCHOOLS. Journal of Environmental Engineering (Japan), 2009, 74, 1253-1259.	0.4	2
129	DESIGN INTENT AND THERMAL PERFORMANCE OF FACADE THERMAL DESIGN METHODS IN GLASS FACADE ARCHITECTURE IN TOKYO. Journal of Environmental Engineering (Japan), 2009, 74, 1347-1354.	0.4	0
130	COMPARISON OF PFT METHOD WITH SF6 CONSTANT-INJECTION, CO2 CONSTANT-CONCENTRATION AND THEORETICAL CALCULATION METHOD FOR VENTILATION MEASUREMENT UNDER CYCLIC REVERSAL. Journal of Environmental Engineering (Japan), 2009, 74, 47-54.	0.4	0
131	SUBJECTIVE EXPERIMENT FOR THE EFFECT OF THERMAL ENVIRONMENT AND VENTILATION RATE ON PRODUCTIVITY. Journal of Environmental Engineering (Japan), 2009, 74, 507-515.	0.4	11
132	METHODOLOGY FOR DEVELOPING REUSABLE OBJECT-ORIENTED SCHEDULER CLASSES APPLICABLE FOR LONG TERM BUILDING ENERGY SIMULATION. Journal of Environmental Engineering (Japan), 2009, 74, 517-523.	0.4	0
133	VOCs MEASUREMENT USING SAMPLING BAG. Journal of Environmental Engineering (Japan), 2008, 73, 911-916.	0.4	1
134	DEFINITION OF HVAC SYSTEM COMPONENT WITH OBJECT ORIENTED LANGUAGE FOR MODULAR STRUCTURE SIMULATION PROGRAM. Journal of Environmental Engineering (Japan), 2008, 73, 1377-1382.	0.4	0
135	SUBJECTIVE EXPERIMENTS ON PRODUCTIVITY UNDER 800LX AND 3LX LIGHTING CONDITIONS. Journal of Environmental Engineering (Japan), 2008, 73, 349-353.	0.4	2
136	SUBJECTIVE EXPERIMENT FOR THE EFFECT OF ROAD TRAFFIC NOISE ON PRODUCTIVITY. Journal of Environmental Engineering (Japan), 2008, 73, 355-362.	0.4	3
137	PERFORMANCE EVALUATION AND LOAD LEVELING EFFECT BY NARIUM-SALFER BATTERY SYSTEM BASED ON BMS DATA. Journal of Environmental Engineering (Japan), 2008, 73, 61-67.	0.4	0
138	Indoor Temperature, Productivity, and Fatigue in Office Tasks. HVAC and R Research, 2007, 13, 623-633.	0.6	62
139	Effect of Car Cabin Environment on Driver's Comfort and Fatigue. , 2007, , .		15
140	Effect of humidity on human comfort and productivity after step changes from warm and humid environment. Building and Environment, 2007, 42, 4034-4042.	6.9	133
141	Thermal sensation and comfort with different task conditioning systems. Building and Environment, 2007, 42, 3955-3964.	6.9	82
142	Generation of sub-micron particles and secondary pollutants from building materials by ozone reaction. Atmospheric Environment, 2007, 41, 3139-3150.	4.1	35
143	INVESTIGATION ON MANAGEMENT OF NATURAL VENTILATION SYSTEM. Journal of Environmental Engineering (Japan), 2007, 72, 9-16.	0.4	11
144	EFFECTS OF HUMIDITY STEP CHANGE ON HUMAN COMFORT AND PRODUCTIVITY FROM HOT AND HUMID CONDITION TO THERMALLY NEUTRAL CONDITION. Journal of Environmental Engineering (Japan), 2006, 71, 15-21.	0.4	2

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145	DEVELOPMENT OF NUMERICAL THERMOREGULATION-MODEL COM FOR EVALUATION OF THERMAL ENVIRONMENT. Journal of Environmental Engineering (Japan), 2006, 71, 31-38.	0.4	4
146	NUMERICAL ANALYSIS OF DIFFUSION FIELDS IN PASSIVE TYPE FLUX SAMPLER AND ESTIMATION OF EFFECTIVE DIFFUSION LENGTH. Journal of Environmental Engineering (Japan), 2006, 71, 47-54.	0.4	1
147	A STUDY ON CONCENTRATION OF ACETALDEHYDE USING AN EXPERIMENTAL HOUSE. Journal of Environmental Engineering (Japan), 2006, 71, 39-44.	0.4	0
148	THE EFFECT OF CONTROLLING ILLUMINANCE LEVEL WITH TASK LIGHTS ON PRODUCTIVITY. Journal of Environmental Engineering (Japan), 2006, 71, 101-109.	0.4	2
149	MEASUREMENT OF INDOOR AIR QUALITY IN KOREAN HOUSES BY PASSIVE METHODS. Journal of Environmental Engineering (Japan), 2006, 71, 31-38.	0.4	1
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