

Tetsu Kubota

List of Publications by Year in descending order

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48
papers

1,193
citations

516710

16
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Building and Environment</i> , 2008, 43, 1699-1708.	6.9	271
2	The effects of night ventilation technique on indoor thermal environment for residential buildings in hot-humid climate of Malaysia. <i>Energy and Buildings</i> , 2009, 41, 829-839.	6.7	154
3	Development of an adaptive thermal comfort equation for naturally ventilated buildings in hot-humid climates using ASHRAE RP-884 database. <i>Frontiers of Architectural Research</i> , 2013, 2, 278-291.	2.8	140
4	Comparative assessment of vernacular passive cooling techniques for improving indoor thermal comfort of modern terraced houses in hot-humid climate of Malaysia. <i>Solar Energy</i> , 2015, 114, 229-258.	6.1	104
5	Thermal functions of internal courtyards in traditional Chinese shophouses in the hot-humid climate of Malaysia. <i>Building and Environment</i> , 2017, 112, 115-131.	6.9	45
6	Wind Environment Evaluation of Neighborhood Areas in Major Towns of Malaysia. <i>Journal of Asian Architecture and Building Engineering</i> , 2006, 5, 199-206.	2.0	42
7	Impacts of land use changes from the Hanoi Master Plan 2030 on urban heat islands: Part 2. Influence of global warming. <i>Sustainable Cities and Society</i> , 2017, 31, 95-108.	10.4	36
8	Factors Affecting Residential Satisfaction in Slum Rehabilitation Housing in Mumbai. <i>Sustainability</i> , 2020, 12, 2344.	3.2	32
9	Thermal storage effect of radiant floor cooling system using phase change materials in the hot and humid climate of Indonesia. <i>Building and Environment</i> , 2022, 207, 108442.	6.9	28
10	Impacts of land use changes from the Hanoi Master Plan 2030 on urban heat islands: Part 1. Cooling effects of proposed green strategies. <i>Sustainable Cities and Society</i> , 2017, 32, 295-317.	10.4	26
11	Field Investigation of Indoor Thermal Environments in Traditional Chinese Shophouses with Courtyards in Malacca. <i>Journal of Asian Architecture and Building Engineering</i> , 2014, 13, 247-254.	2.0	25
12	Optimization of window design for ventilative cooling with radiant floor cooling systems in the hot and humid climate of Indonesia. <i>Building and Environment</i> , 2021, 188, 107483.	6.9	24
13	Application of Passive Cooling Techniques in Vernacular Houses to Modern Urban Houses: A Case Study of Malaysia. <i>Procedia, Social and Behavioral Sciences</i> , 2015, 179, 29-39.	0.5	22
14	Evaluation of current material stock and future demolition waste for urban residential buildings in Jakarta and Bandung, Indonesia: embodied energy and CO2 emission analysis. <i>Journal of Material Cycles and Waste Management</i> , 2017, 19, 657-675.	3.0	22
15	Configuration of Green Spaces for Urban Heat Island Mitigation and Future Building Energy Conservation in Hanoi Master Plan 2030. <i>Buildings</i> , 2015, 5, 933-947.	3.1	19
16	Life Cycle Assessment of Energy and CO2 Emissions for Residential Buildings in Jakarta and Bandung, Indonesia. <i>Buildings</i> , 2015, 5, 1131-1155.	3.1	19
17	CFD simulations of wind-induced ventilation in apartment buildings with vertical voids: Effects of pilotis and wind fin on ventilation performance. <i>Building and Environment</i> , 2021, 194, 107666.	6.9	16
18	Parametric study on vertical void configurations for improving ventilation performance in the mid-rise apartment building. <i>Building and Environment</i> , 2022, 215, 108969.	6.9	16

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19	The Effects of Courtyards on Indoor Thermal Conditions of Chinese Shophouse in Malacca. <i>Procedia Engineering</i> , 2015, 121, 468-476.	1.2	14
20	Thermal Comfort in Naturally Ventilated Apartments in Surabaya, Indonesia. <i>Procedia Engineering</i> , 2015, 121, 459-467.	1.2	14
21	Indoor Air Quality and Health in Newly Constructed Apartments in Developing Countries: A Case Study of Surabaya, Indonesia. <i>Atmosphere</i> , 2019, 10, 182.	2.3	14
22	Potential of Passive Cooling Techniques for Modern Houses in the Tropical Climate of Malaysia – Analysis of the Indoor Thermal Environment for Various Ventilation Strategies. <i>International Journal of Ventilation</i> , 2010, 9, 11-23.	0.4	11
23	Field Investigation of Indoor Thermal Environments in Apartments of Surabaya, Indonesia: Potential Passive Cooling Strategies for Middle-class Apartments. <i>Energy Procedia</i> , 2015, 78, 2947-2952.	1.8	10
24	A FIELD SURVEY ON USAGE OF AIR-CONDITIONERS AND WINDOWS IN APARTMENT HOUSES IN JOHOR BAHRU CITY. <i>Journal of Environmental Engineering (Japan)</i> , 2007, 72, 83-89.	0.4	8
25	FIELD MEASUREMENT ON THERMAL COMFORT IN TRADITIONAL MALAY HOUSES. <i>AJJ Journal of Technology and Design</i> , 2013, 19, 219-224.	0.3	8
26	Analysis of Window-Opening Patterns and Air Conditioning Usage of Urban Residences in Tropical Southeast Asia. <i>Sustainability</i> , 2020, 12, 10650.	3.2	8
27	Life cycle assessment of energy and CO ₂ emissions for residential buildings in Jakarta, Indonesia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 128, 012002.	0.6	6
28	Impacts of Land use Changes on Urban Heat Islands in Hanoi, Vietnam: Scenario Analysis. <i>Procedia Engineering</i> , 2017, 198, 525-529.	1.2	6
29	A FIELD SURVEY ON USAGE OF AIR-CONDITIONERS AND WINDOWS IN TERRACED HOUSE AREAS IN JOHOR BAHRU CITY. <i>Journal of Environmental Engineering (Japan)</i> , 2006, 71, 81-87.	0.4	6
30	Life Cycle Energy and CO ₂ Emissions of Residential Buildings in Bandung, Indonesia. <i>Advanced Materials Research</i> , 0, 689, 54-59.	0.3	5
31	Impact of Urban Heat Island under the Hanoi Master Plan 2030 on Cooling Loads in Residential Buildings. <i>Jurnal Alam Bina</i> , 2015, 2, .	0.5	5
32	EFFECTIVENESS OF ENERGY-SAVING RENOVATION TECHNIQUES THROUGH PASSIVE COOLING FOR URBAN HOUSES IN HOT-HUMID CLIMATE OF MALAYSIA. <i>Journal of Environmental Engineering (Japan)</i> , 2015, 80, 673-683.	0.4	4
33	Indoor air quality and self-reported multiple chemical sensitivity in newly constructed apartments in Indonesia. <i>Architectural Science Review</i> , 2021, 64, 123-138.	2.2	4
34	THE EFFECTIVENESS OF NIGHT VENTILATION TECHNIQUE FOR RESIDENTIAL BUILDINGS IN HOT-HUMID CLIMATE OF MALAYSIA. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 89-95.	0.4	3
35	Field Study of Passive Techniques and Adaptive Behaviour in the Traditional Courtyard Houses of Kabul. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 294, 012039.	0.3	3
36	Effects of Building Microclimate on the Thermal Environment of Traditional Japanese Houses during Hot-Humid Summer. <i>Buildings</i> , 2019, 9, 22.	3.1	3

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37	Affordable modifications for sustainable houses in urban informal settlements: a case study of Bandung, Indonesia. International Journal of Urban Sustainable Development, 2021, 13, 659-689.	2.0	3
38	THERMAL ENVIRONMENT OF TWO TERRACED HOUSES IN JAHOR BAHRU, MALAYSIA. AIJ Journal of Technology and Design, 2007, 13, 647-651.	0.3	2
39	DEVELOPMENT OF A SIMPLIFIED LCA MODEL FOR RESIDENTIAL BUILDINGS IN INDONESIA. AIJ Journal of Technology and Design, 2012, 18, 1003-1008.	0.3	2
40	Indoor Air Quality and Its Effects on Health among Urban Residents in Jakarta and Surabaya, Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 294, 012096.	0.3	2
41	Indoor Thermal Environments in Apartments of Surabaya, Indonesia. , 2018, , 419-430.		2
42	Environmental Design Consideration for Courtyards in Residential Buildings in Hot-humid Climates: A Review. Jurnal Alam Bina, 2014, 1, .	0.5	2
43	Indonesia: Dutch Colonial Buildings. , 2018, , 13-23.		2
44	FACTORS AFFECTING QUALITY OF LIFE AMONG RESIDENTS IN MAJOR CITIES OF INDONESIA. Journal of Environmental Engineering (Japan), 2015, 80, 471-480.	0.4	1
45	Window-Opening Behaviour in Hot and Humid Climates of Southeast Asia. , 2018, , 225-234.		1
46	Thermal Function of Internal Courtyards in Traditional Chinese Shophouses in Malaysia. , 2018, , 387-396.		1
47	DEVELOPMENT OF AN ENVIRONMENTAL EDUCATION PROGRAM USING PLACE-BASED OUTDOOR LEARNING FOR ELEMENTARY SCHOOL CHILDREN IN MALAYSIA. Journal of Environmental Engineering (Japan), 2013, 78, 203-212.	0.4	0
48	Energy-Saving Experimental House in Hot-Humid Climate of Malaysia. , 2018, , 457-471.		0