

B Weijun Gao

List of Publications by Year in descending order

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164
papers

4,927
citations

101496

36
h-index

110317

64
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165
all docs

165
docs citations

165
times ranked

3974
citing authors

#	ARTICLE	IF	CITATIONS
1	A MILP model for integrated plan and evaluation of distributed energy systems. <i>Applied Energy</i> , 2010, 87, 1001-1014.	5.1	318
2	Multi-objective optimization for the operation of distributed energy systems considering economic and environmental aspects. <i>Applied Energy</i> , 2010, 87, 3642-3651.	5.1	306
3	Optimal sizing for residential CHP system. <i>Applied Thermal Engineering</i> , 2008, 28, 514-523.	3.0	241
4	Economic and environmental evaluation of micro CHP systems with different operating modes for residential buildings in Japan. <i>Energy and Buildings</i> , 2010, 42, 853-861.	3.1	198
5	Optimal operation of a grid-connected hybrid PV/fuel cell/battery energy system for residential applications. <i>Energy</i> , 2016, 113, 702-712.	4.5	157
6	Modeling and dynamic assessment of urban economy's "resource" environment system with a coupled system dynamics " geographic information system model. <i>Ecological Indicators</i> , 2011, 11, 1333-1344.	2.6	153
7	Optimization and analysis of CCHP system based on energy loads coupling of residential and office buildings. <i>Applied Energy</i> , 2014, 136, 206-216.	5.1	123
8	Optimal option of distributed generation technologies for various commercial buildings. <i>Applied Energy</i> , 2009, 86, 1641-1653.	5.1	122
9	Multi-criteria evaluation for the optimal adoption of distributed residential energy systems in Japan. <i>Energy Policy</i> , 2009, 37, 5484-5493.	4.2	113
10	Performance investigation of grid-connected residential PV-battery system focusing on enhancing self-consumption and peak shaving in Kyushu, Japan. <i>Renewable Energy</i> , 2018, 127, 514-523.	4.3	107
11	Economic optimization and sensitivity analysis of photovoltaic system in residential buildings. <i>Renewable Energy</i> , 2009, 34, 883-889.	4.3	105
12	Energy impacts of recycling disassembly material in residential buildings. <i>Energy and Buildings</i> , 2001, 33, 553-562.	3.1	104
13	Land use change of Kitakyushu based on landscape ecology and Markov model. <i>Journal of Chinese Geography</i> , 2008, 18, 455-468.	1.5	96
14	A Survey of the Status and Challenges of Green Building Development in Various Countries. <i>Sustainability</i> , 2019, 11, 5385.	1.6	86
15	The Impact of COVID-19 on Tourist Satisfaction with B&B in Zhejiang, China: An Importance"Performance Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3747.	1.2	83
16	A survey on the development status and challenges of smart grids in main driver countries. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 137-147.	8.2	82
17	Integrated assessment of combined cooling heating and power systems under different design and management options for residential buildings in Shanghai. <i>Energy and Buildings</i> , 2012, 51, 143-152.	3.1	77
18	Benefit allocation for distributed energy network participants applying game theory based solutions. <i>Energy</i> , 2017, 119, 384-391.	4.5	63

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19	Optimal option of distributed energy systems for building complexes in different climate zones in China. <i>Applied Energy</i> , 2012, 91, 156-165.	5.1	59
20	Multi-objective optimization of a distributed energy network integrated with heating interchange. <i>Energy</i> , 2016, 109, 353-364.	4.5	59
21	Evaluation of Urbanization Dynamics and its Impacts on Surface Heat Islands: A Case Study of Beijing, China. <i>Remote Sensing</i> , 2017, 9, 453.	1.8	59
22	Dynamic assessment and forecast of urban water ecological footprint based on exponential smoothing analysis. <i>Journal of Cleaner Production</i> , 2018, 195, 354-364.	4.6	58
23	Potential analysis of the transfer learning model in short and medium-term forecasting of building HVAC energy consumption. <i>Energy</i> , 2020, 193, 116724.	4.5	55
24	Evaluation of economic benefits of virtual power plant between demand and plant sides based on cooperative game theory. <i>Energy Conversion and Management</i> , 2021, 238, 114180.	4.4	54
25	Simulation on the impacts of the street tree pattern on built summer thermal comfort in cold region of China. <i>Sustainable Cities and Society</i> , 2018, 37, 563-580.	5.1	53
26	Feasibility assessment of introducing distributed energy resources in urban areas of China. <i>Applied Thermal Engineering</i> , 2010, 30, 2584-2593.	3.0	52
27	Application of retro-reflective materials in urban buildings: A comprehensive review. <i>Energy and Buildings</i> , 2021, 247, 111137.	3.1	51
28	Profit allocation analysis among the distributed energy network participants based on Game-theory. <i>Energy</i> , 2017, 118, 783-794.	4.5	50
29	Thermal behavior analysis of hollow bricks filled with phase-change material (PCM). <i>Journal of Building Engineering</i> , 2020, 31, 101447.	1.6	49
30	An experimental comparison on regional thermal environment of the high-density enclosed building groups with retro-reflective and high-reflective coatings. <i>Energy and Buildings</i> , 2022, 259, 111864.	3.1	49
31	Reviewing textile wastewater produced by industries: characteristics, environmental impacts, and treatment strategies. <i>Water Science and Technology</i> , 2022, 85, 2076-2096.	1.2	48
32	Integrated design and evaluation of biomass energy system taking into consideration demand side characteristics. <i>Energy</i> , 2010, 35, 2210-2222.	4.5	45
33	Multi-criteria assessment of combined cooling, heating and power systems located in different regions in Japan. <i>Applied Thermal Engineering</i> , 2014, 73, 660-670.	3.0	45
34	The green B&B promotion strategies for tourist loyalty: surveying the restart of Chinese national holiday travel after COVID-19. <i>International Journal of Hospitality Management</i> , 2021, 94, 102704.	5.3	44
35	Life Cycle Environmental and Cost Performance of Prefabricated Buildings. <i>Sustainability</i> , 2020, 12, 2609.	1.6	42
36	Reliability and cost analysis of the redundant design of a combined cooling, heating and power (CCHP) system. <i>Energy Conversion and Management</i> , 2019, 199, 111988.	4.4	41

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37	The Coupling Coordinated Development of Urban Environment Towards Sustainable Urbanization: An Empirical Study of Shandong Peninsula, China. <i>Ecological Indicators</i> , 2021, 129, 107864.	2.6	39
38	Design and operation optimization of organic Rankine cycle coupled trigeneration systems. <i>Energy</i> , 2018, 142, 666-677.	4.5	38
39	A procedure to design the mainline system in natural gas networks. <i>Applied Mathematical Modelling</i> , 2009, 33, 3040-3051.	2.2	35
40	The study on outdoor pedestrian thermal comfort in blocks: A case study of the Dao He Old Block in hot-summer and cold-winter area of southern China. <i>Solar Energy</i> , 2019, 179, 210-225.	2.9	35
41	Optimal Sizing for Residential CHP System. , 2007, , 73-79.		35
42	Coupling optimization of urban spatial structure and neighborhood-scale distributed energy systems. <i>Energy</i> , 2018, 144, 472-481.	4.5	34
43	Electricity cost comparison of dynamic pricing model based on load forecasting in home energy management system. <i>Energy</i> , 2021, 229, 120538.	4.5	34
44	Multi-criteria assessment of building combined heat and power systems located in different climate zones: Japanâ€“China comparison. <i>Energy</i> , 2016, 103, 502-512.	4.5	33
45	Demand response of customers in Kitakyushu smart community project to critical peak pricing of electricity. <i>Energy and Buildings</i> , 2018, 168, 251-260.	3.1	32
46	Economic optimization and potential analysis of fuel cell vehicle-to-grid (FCV2G) system with large-scale buildings. <i>Energy Conversion and Management</i> , 2020, 205, 112463.	4.4	31
47	An Evaluation of Green Ryokans through a Tourism Accommodation Survey and Customer-Satisfaction-Related CASBEEâ€“IPA after COVID-19 Pandemic. <i>Sustainability</i> , 2021, 13, 145.	1.6	29
48	Techno-economic performance analysis of zero energy house applications with home energy management system in Japan. <i>Energy and Buildings</i> , 2020, 214, 109862.	3.1	28
49	Surface and canopy urban heat islands: Does urban morphology result in the spatiotemporal differences?. <i>Urban Climate</i> , 2022, 42, 101136.	2.4	28
50	The performance investigation of increasing share of photovoltaic generation in the public grid with pump hydro storage dispatch system, a case study in Japan. <i>Energy</i> , 2018, 164, 811-821.	4.5	27
51	Modeling and optimization of distributed energy supply network with power and hot water interchanges. <i>Applied Thermal Engineering</i> , 2016, 94, 635-643.	3.0	26
52	Feasibility of virtual power plants (VPPs) and its efficiency assessment through benefiting both the supply and demand sides in Chongming country, China. <i>Sustainable Cities and Society</i> , 2017, 35, 544-551.	5.1	26
53	The spatial characteristics of coupling relationship between urbanization and eco-environment in the Pan Yangtze River Delta. <i>Energy Procedia</i> , 2018, 152, 1121-1126.	1.8	26
54	The Investigation of Urbanization and Urban Heat Island in Beijing Based on Remote Sensing. <i>Procedia, Social and Behavioral Sciences</i> , 2016, 216, 141-150.	0.5	25

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55	Integrated assessment and scenarios simulation of water security system in Japan. <i>Science of the Total Environment</i> , 2019, 671, 1269-1281.	3.9	24
56	Impact of urban morphology on the microclimate around elementary schools: A case study from Japan. <i>Building and Environment</i> , 2021, 206, 108383.	3.0	24
57	Economic optimization of microgrids based on peak shaving and CO2 reduction effect: A case study in Japan. <i>Journal of Cleaner Production</i> , 2021, 321, 128973.	4.6	24
58	Techno-economic performance of battery energy storage system in an energy sharing community. <i>Journal of Energy Storage</i> , 2022, 50, 104247.	3.9	24
59	Assessment of urban cooling effect based on downscaled land surface temperature: A case study for Fukuoka, Japan. <i>Urban Climate</i> , 2021, 36, 100790.	2.4	21
60	Possibility and Challenge of Smart Community in Japan. <i>Procedia, Social and Behavioral Sciences</i> , 2016, 216, 109-118.	0.5	20
61	Potential and sensitivity analysis of long-term hydrogen production in resolving surplus RES generation—a case study in Japan. <i>Energy</i> , 2019, 171, 1164-1172.	4.5	20
62	Downscale MODIS Land Surface Temperature Based on Three Different Models to Analyze Surface Urban Heat Island: A Case Study of Hangzhou. <i>Remote Sensing</i> , 2020, 12, 2134.	1.8	20
63	Influence of indoor air temperature and relative humidity on learning performance of undergraduates. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101458.	2.8	20
64	The inhabited environment, infrastructure development and advanced urbanization in China's Yangtze River Delta Region. <i>Environmental Research Letters</i> , 2016, 11, 124020.	2.2	19
65	The implementation limitation of variable renewable energies and its impacts on the public power grid. <i>Energy</i> , 2022, 239, 121992.	4.5	19
66	Spatiotemporal Patterns of Population Mobility and Its Determinants in Chinese Cities Based on Travel Big Data. <i>Sustainability</i> , 2020, 12, 4012.	1.6	18
67	The Positive Impacts of Exhibition-Driven Tourism on Sustainable Tourism, Economics, and Population: The Case of the Echigo's Tsumari Art Triennale in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1489.	1.2	18
68	Measuring urban sustainability from the quality of the built environment and pressure on the natural environment in China: A case study of the Shandong Peninsula region. <i>Journal of Cleaner Production</i> , 2021, 289, 125145.	4.6	18
69	Impact of the COVID-19 pandemic on the reduction of electricity demand and the integration of renewable energy into the power grid. <i>Journal of Renewable and Sustainable Energy</i> , 2021, 13, .	0.8	18
70	Development of solar photovoltaic industry and market in China, Germany, Japan and the United States of America using incentive policies. <i>Energy Exploration and Exploitation</i> , 2021, 39, 1429-1456.	1.1	18
71	On the relation between visual quality and landscape characteristics: a case study application to the waterfront linear parks in Shenyang, China. <i>Environmental Research Communications</i> , 0, , .	0.9	18
72	Promotion of energy conservation in developing countries through the combination of ESCO and CDM: A case study of introducing distributed energy resources into Chinese urban areas. <i>Energy Policy</i> , 2011, 39, 8125-8136.	4.2	17

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73	Cost-effectiveness analysis of local energy management based on "urban-rural cooperation in China. Applied Thermal Engineering, 2014, 64, 224-232.	3.0	17
74	Optimization on non-transparent envelopes of the typical office rooms with air-conditioning under intermittent operation. Solar Energy, 2020, 201, 798-809.	2.9	16
75	Relationships between household characteristics and electricity end-use in Japanese residential apartments. Sustainable Cities and Society, 2021, 64, 102534.	5.1	16
76	The effects of the new Feed-In Tariff Act for solar photovoltaic (PV) energy in the wake of the Fukushima accident in Japan. Energy Policy, 2021, 156, 112414.	4.2	16
77	Potential Analysis of the Attention-Based LSTM Model in Ultra-Short-Term Forecasting of Building HVAC Energy Consumption. Frontiers in Energy Research, 2021, 9, .	1.2	15
78	An analysis of the DER adoption climate in Japan using optimization results for prototype buildings with U.S. comparisons. Energy and Buildings, 2006, 38, 1423-1433.	3.1	14
79	Capacity credit and market value analysis of photovoltaic integration considering grid flexibility requirements. Renewable Energy, 2020, 159, 908-919.	4.3	14
80	Economic Assessment of Micro-CHP System for Residential Application in Shanghai, China. Energy Procedia, 2016, 88, 732-737.	1.8	13
81	Reliability and Maintenance Prioritization Analysis of Combined Cooling, Heating and Power Systems. Energies, 2018, 11, 1519.	1.6	13
82	Analysis on Spatial Pattern and Driving Factors of Carbon Emission in Urban-Rural Fringe Mixed-Use Communities: Cases Study in East Asia. Sustainability, 2020, 12, 3101.	1.6	13
83	Economic performance of multi-energy supply system in a zero-carbon house. Energy and Buildings, 2020, 226, 110363.	3.1	12
84	Urban structure and its implication of heat stress by using remote sensing and simulation tool. Sustainable Cities and Society, 2021, 65, 102632.	5.1	12
85	Sensitivity analysis of household factors and energy consumption in residential houses: A multi-dimensional hybrid approach using energy monitoring and modeling. Energy and Buildings, 2021, 239, 110864.	3.1	12
86	Operational performance and grid-support assessment of distributed flexibility practices among residential prosumers under high PV penetration. Energy, 2022, 238, 121824.	4.5	12
87	Coupling mechanism of water and greenery on summer thermal environment of waterfront space in China's cold regions. Building and Environment, 2022, 214, 108912.	3.0	12
88	Performance Analysis of CCHP System for University Campus in North China. Procedia, Social and Behavioral Sciences, 2016, 216, 361-372.	0.5	11
89	Cost-benefit analysis of distributed energy systems considering multi-benefits and multi-stakeholders. Energy, 2019, 189, 116382.	4.5	11
90	Feasibility analysis of decentralized hybrid rainwater-graywater systems in a public building in Japan. Sustainable Cities and Society, 2021, 69, 102870.	5.1	11

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91	Operational Performance and Load Flexibility Analysis of Japanese Zero Energy House. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6782.	1.2	11
92	Towards a Rural Revitalization Strategy for the Courtyard Layout of Vernacular Dwellings Based on Regional Adaptability and Outdoor Thermal Performance in the Gully Regions of the Loess Plateau, China. <i>Sustainability</i> , 2021, 13, 13074.	1.6	11
93	Does the public support the construction of battery swapping station for battery electric vehicles? - Data from Hangzhou, China. <i>Energy Policy</i> , 2022, 163, 112858.	4.2	11
94	Grid Load Shifting and Performance Assessments of Residential Efficient Energy Technologies, a Case Study in Japan. <i>Sustainability</i> , 2018, 10, 2117.	1.6	10
95	OPTIMIZATION OF CO-GENERATION SYSTEM FOR HOUSING COMPLEX : Housing complex's scale and system's operating mode. <i>Journal of Environmental Engineering (Japan)</i> , 2005, 70, 15-22.	0.1	10
96	Living environment and energy consumption in cities of Yangtze Delta Area. <i>Energy and Buildings</i> , 2004, 36, 1241-1246.	3.1	9
97	Field Study and Sensitive Analysis of PV System by Multiple Regression Method. <i>Journal of Asian Architecture and Building Engineering</i> , 2004, 3, 247-252.	1.2	9
98	Quantifying the spatiotemporal characteristics of ecosystem services and livelihoods in China's poverty-stricken counties. <i>Frontiers of Earth Science</i> , 2021, 15, 553-579.	0.9	9
99	A review of the application of sunspace in buildings. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-23.	1.2	9
100	How correlated color temperature (CCT) affects undergraduates: A psychological and physiological evaluation. <i>Journal of Building Engineering</i> , 2022, 45, 103573.	1.6	9
101	Energy Consumption and its Impact on Environment in Shanghai, China. <i>Journal of Asian Architecture and Building Engineering</i> , 2002, 1, 151-155.	1.2	7
102	Investigation on the Situation of Combined Heating and Power System in Japan. <i>Journal of Asian Architecture and Building Engineering</i> , 2005, 4, 245-251.	1.2	7
103	Possibility and potential of clean development mechanisms in China. <i>Environmental Research Letters</i> , 2007, 2, 044005.	2.2	7
104	Impact Analysis of Urban Morphology on Residential District Heat Energy Demand and Microclimate Based on Field Measurement Data. <i>Sustainability</i> , 2021, 13, 2070.	1.6	7
105	Dimensionless parameter method for evaluating decentralized water reuse systems in buildings. <i>Sustainable Cities and Society</i> , 2022, 76, 103391.	5.1	7
106	Spatial downscaling method for air temperature through the correlation between land use/land cover and microclimate: A case study of the Greater Tokyo Area, Japan. <i>Urban Climate</i> , 2021, 40, 101003.	2.4	7
107	Influence of landscape outside the window on the anxiety level of self-separation people during COVID-19. <i>International Journal of Low-Carbon Technologies</i> , 2022, 17, 678-685.	1.2	7
108	Effects of local heating of body on human thermal sensation and thermal comfort. <i>Journal of Building Engineering</i> , 2022, 53, 104543.	1.6	7

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109	Study on Residential Lifestyle and Energy Use of Japanese Apartment/Multidwelling Unit—An Investigation on Higashida Smart Community of Kitakyushu. <i>Procedia, Social and Behavioral Sciences</i> , 2016, 216, 388-397.	0.5	6
110	A Review of Technologies and Evaluation Softwares for Distributed Energy Source System. <i>Procedia, Social and Behavioral Sciences</i> , 2016, 216, 398-408.	0.5	6
111	Impacts of Investment Cost, Energy Prices and Carbon Tax on Promoting the Combined Cooling, Heating and Power (CCHP) System of an Amusement Park Resort in Shanghai. <i>Energies</i> , 2020, 13, 4252.	1.6	6
112	Household characteristics and electricity end-use under dynamic pricing in the collective housing complex of a Japanese smart community. <i>Journal of Asian Architecture and Building Engineering</i> , 2022, 21, 2564-2579.	1.2	6
113	THERMAL EFFECTS OF OPEN SPACE WITH A GREEN AREA ON URBAN ENVIRONMENT : Part I:A theoretical analysis and its application. <i>Journal of Architecture Planning and Environmental Engineering (Transactions of AIJ)</i> , 1993, 448, 15-27.	0.0	5
114	An Exploratory Analysis of Kitakyushu Residential Customer Response to Dynamic Electricity Pricing. <i>Procedia, Social and Behavioral Sciences</i> , 2016, 216, 409-416.	0.5	5
115	Wide-area Disaster Prevention of Storm or Flood Damage and its Improvement by Using Urban Planning Information System. <i>Procedia, Social and Behavioral Sciences</i> , 2016, 216, 481-491.	0.5	5
116	Equipment Operation and Maintenance Management of Shanghai Power Distribution Network After Power System Reform. <i>Energy Procedia</i> , 2018, 152, 1182-1187.	1.8	5
117	Impact of Enclosure Boundary Patterns and Lift-Up Design on Optimization of Summer Pedestrian Wind Environment in High-Density Residential Districts. <i>Energies</i> , 2021, 14, 3199.	1.6	5
118	A Mixed-Integer Linear Optimization Model for Local Energy System Planning Based on Simplex and Branch-and-Bound Algorithms. <i>Lecture Notes in Computer Science</i> , 2010, , 361-371.	1.0	5
119	Spatiotemporal Differences in Determinants of City Shrinkage Based on Semiparametric Geographically Weighted Regression. <i>Sustainability</i> , 2019, 11, 6891.	1.6	5
120	Feasibility Study of Optimal Sizing of Micro-Cogeneration System for Convenience Stores in Bangkok. <i>Energy and Power Engineering</i> , 2014, 06, 69-81.	0.5	5
121	Thermal performance enhancement of hollow brick by agricultural wastes. <i>Case Studies in Construction Materials</i> , 2022, 16, e01047.	0.8	5
122	A Case Study of the Relationship Between Vegetation Coverage and Urban Heat Island in a Coastal City by Applying Digital Twins. <i>Frontiers in Plant Science</i> , 2022, 13, 861768.	1.7	5
123	STUDY ON ESTIMATE FORMULAE OF MAINTENANCE COST AND EVALUATION METHOD OF RENEWAL PERIOD ON AIR CONDITIONING SYSTEM IN OFFICE BUILDING. <i>Nihon Kenchiku Gakkai Keikakukai Ronbunshu</i> , 2001, 66, 209-214.	0.1	4
124	Research on Regional System Planning Method of Rural Habitat in Gully Regions of the Loess Plateau, under the Background of Rural Vitalization Strategy in China. <i>Sustainability</i> , 2020, 12, 3317.	1.6	4
125	Towards Rural Revitalization Strategy for Housing in Gully Regions of the Loess Plateau: Environmental Considerations. <i>Energies</i> , 2020, 13, 3109.	1.6	4
126	Iodinated disinfection byproduct formation in a MnO ₂ /I ⁻ /EPS system. <i>Chemosphere</i> , 2021, 280, 130643.	4.2	4

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127	The Effect of Daylight Illumination in Nursing Buildings on Reading Comfort of Elderly Persons. Buildings, 2022, 12, 214.	1.4	4
128	Architectural Simulations on Spatio-Temporal Changes of Settlement Outdoor Thermal Environment in Guanzhong Area, China. Buildings, 2022, 12, 345.	1.4	4
129	Influence of household factors on energy use in Vietnam based on path analysis. Journal of Building Engineering, 2022, 57, 104834.	1.6	4
130	Investigation and Evaluation on District Energy System at Kitakyushu Science and Research Park. Journal of Asian Architecture and Building Engineering, 2005, 4, 237-243.	1.2	3
131	MODELING THE RELATIONSHIP BETWEEN ECONOMIC GROWTH, RESOURCE CONSUMPTION AND ENVIRONMENT POLLUTION BY SYSTEM DYNAMICS MODEL. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2010, 75, 165-174.	0.1	3
132	Research on the Design of Ecological Energy-saving Building Based on the Climate Condition of Hangzhou. Procedia, Social and Behavioral Sciences, 2016, 216, 986-997.	0.5	3
133	Quantifying variabilities and impacts of massive photovoltaic integration in public power systems with PHS based on real measured data of Kyushu, Japan. Energy Procedia, 2018, 152, 883-888.	1.8	3
134	Heat utilization of a ventilated sunspace in a non-insulated apartment. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13.	1.2	3
135	Knowledge archaeology on relations between the Venice Architecture Biennale (1980â€“2018) and the Pritzker Architecture Prize (1979â€“2019). Journal of Asian Architecture and Building Engineering, 0, , 1-10.	1.2	3
136	Analysis of Energy Performance and Integrated Optimization of Tubular Houses in Southern China Using Computational Simulation. Applied Sciences (Switzerland), 2021, 11, 9371.	1.3	3
137	Potential Analysis and Optimization of Combined Cooling, Heating, and Power (CCHP) Systems for Eco-Campus Design Based on Comprehensive Performance Assessment. Frontiers in Energy Research, 2021, 9, .	1.2	3
138	Applying Digital Twins to Research the Relationship Between Urban Expansion and Vegetation Coverage: A Case Study of Natural Preserve. Frontiers in Plant Science, 2022, 13, 840471.	1.7	3
139	An investigation into residents' willingness to pay for vertical greening in China. Urban Ecosystems, 0, , .	1.1	3
140	Correlation Analysis of Thermal Comfort and Landscape Characteristics: A Case Study of the Coastal Greenway in Qingdao, China. Buildings, 2022, 12, 541.	1.4	3
141	Ecological carrying capacity evaluation for villagesâ€™ spatial planning in rural revitalization strategy in gully regions of the Loess Plateau (China). Journal of Asian Architecture and Building Engineering, 2023, 22, 1746-1762.	1.2	3
142	Supporting Design to Develop Rural Revitalization through Investigating Village Microclimate Environments: A Case Study of Typical Villages in Northwest China. International Journal of Environmental Research and Public Health, 2022, 19, 8310.	1.2	3
143	Evaluation on Introducing a DHC System with Co-Generation System in the City Center of Shenzhen. Journal of Asian Architecture and Building Engineering, 2003, 2, 81-86.	1.2	2
144	Evaluation of the Energy and Environmental Performance by Introducing a District Energy System. Journal of Asian Architecture and Building Engineering, 2004, 3, 291-296.	1.2	2

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145	Evaluation of the Introduction of a Combined Heat and Power System in a Commercial Building in Shanghai. Journal of Asian Architecture and Building Engineering, 2006, 5, 385-390.	1.2	2
146	The Effects of Fuel Price and System Efficiency on Cost and Energy Savings in a Distributed Energy System. Journal of Asian Architecture and Building Engineering, 2006, 5, 429-434.	1.2	2
147	SENSIBILITY ANALYSIS OF INFLUENCING PARAMETERS OF ENERGY SAVING EFFECT BY INTRODUCING A CO-GENERATION SYSTEM IN A SKYSCRAPER COMPLEX IN SHANGHAI. Journal of Environmental Engineering (Japan), 2009, 74, 745-752.	0.1	2
148	Lessons Learnt From the Residential Zero Carbon District Demonstration Project, Governance Practice, Customer Response, and Zero-energy House Operation in Japan. Frontiers in Energy Research, 0, 10, .	1.2	2
149	Study on Thermal Environment Evaluation in the Central Business District of Shanghai. Journal of Asian Architecture and Building Engineering, 2002, 1, 137-142.	1.2	1
150	STUDY ON THE EFFECT OF THE INTRODUCTION OF COMPOUND ENERGY SYSTEMS BASED ON BIOMASS IN RESIDENTIAL AREAS AND ANALYSIS OF THE ECONOMIC FACTORS. Journal of Environmental Engineering (Japan), 2009, 74, 331-337.	0.1	1
151	STUDY ON INTEGRATED ASSESSMENT OF URBAN ECOSYSTEM HEALTH IN CHONGQING, CHINA. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2009, 74, 881-888.	0.1	1
152	Boundary character based declining scanning-line filling algorithm. Proceedings of SPIE, 2010, , .	0.8	1
153	Study on the NOx Control to Better the Environmental Quality of Urban Air. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	1
154	Design of Wireless Sensor Network Location Algorithm Based on TDOA. , 2019, , .		1
155	Present Assessment of Public Traffic System Based on GIS in Kitakyushu. Open Journal of Civil Engineering, 2014, 04, 397-405.	0.2	1
156	Reliability and cost analysis of the integrated emergency power system in building complex. Energy Exploration and Exploitation, 2022, 40, 501-527.	1.1	1
157	Study on Collision Detection Techniques for the Informed Design of Natural Views in Healthcare Environments. Herd, 2022, 15, 229-245.	0.9	1
158	Analysis of Energy Sharing Impacts in a Commercial Community: A Case of Battery Energy Storage System Deployment for Load Leveling. Frontiers in Energy Research, 0, 10, .	1.2	1
159	FEASIBILITY OF COMBINED HEAT AND POWER SYSTEM IN THE CENTRAL BUSINESS DISTRICT OF SHANGHAI. Transactions of the Canadian Society for Mechanical Engineering, 2009, 33, 39-50.	0.3	0
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