

Zhichao Tian

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

386
citations

8
h-index

17
g-index

17
ext. papers

503
ext. citations

6.7
avg, IF

4.03
L-index

#	Paper	IF	Citations
16	A review on building energy efficient design optimization from the perspective of architects. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 65, 872-884	16.2	123
15	Towards adoption of building energy simulation and optimization for passive building design: A survey and a review. <i>Energy and Buildings</i> , 2018 , 158, 1306-1316	7	105
14	Performance indices and evaluation of algorithms in building energy efficient design optimization. <i>Energy</i> , 2016 , 114, 100-112	7.9	42
13	An application of Bayesian Network approach for selecting energy efficient HVAC systems. <i>Journal of Building Engineering</i> , 2019 , 25, 100796	5.2	22
12	Magnitude, Causes, and Solutions of the Performance Gap of Buildings: A Review. <i>Sustainability</i> , 2019 , 11, 937	3.6	21
11	Ineffectiveness of optimization algorithms in building energy optimization and possible causes. <i>Renewable Energy</i> , 2019 , 134, 1295-1306	8.1	18
10	Uranium bioremediation with U(VI)-reducing bacteria. <i>Science of the Total Environment</i> , 2021 , 798, 149107.2	10.2	12
9	Performance Assessment of Algorithms for Building Energy Optimization Problems with Different Properties. <i>Sustainability</i> , 2019 , 11, 18	3.6	11
8	Multi-objective optimization model predictive dispatch precooling and ceiling fans in office buildings under different summer weather conditions. <i>Building Simulation</i> , 2019 , 12, 999-1012	3.9	7
7	Minimization of N ₂ O Emission through Intermittent Aeration in a Sequencing Batch Reactor (SBR): Main Behavior and Mechanism. <i>Water (Switzerland)</i> , 2021 , 13, 210	3	6
6	Developing data-driven models for energy-efficient heating design in office buildings. <i>Journal of Building Engineering</i> , 2020 , 32, 101778	5.2	5
5	A review of data-driven building performance analysis and design on big on-site building performance data. <i>Journal of Building Engineering</i> , 2021 , 41, 102706	5.2	5
4	Exploring data-driven building energy-efficient design of envelopes based on their quantified impacts. <i>Journal of Building Engineering</i> , 2021 , 42, 103018	5.2	4
3	A Cross-Scale Analysis of the Correlation between Daytime Air Temperature and Heterogeneous Urban Spaces. <i>Sustainability</i> , 2020 , 12, 7663	3.6	2
2	Methodology for developing economically efficient strategies for net zero energy buildings: A case study of a prototype building in the Yangtze River Delta, China. <i>Journal of Cleaner Production</i> , 2021 , 320, 128849	10.3	2
1	Mitigating NO and NO emissions from a pilot-scale oxidation ditch using bioaugmentation of immobilized aerobic denitrifying bacteria. <i>Bioresour Technol</i> , 2021 , 340, 125704	11	0