

Yuyu Zhou

List of Publications by Year in descending order

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14
papers

1,242
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1576
citing authors

#	ARTICLE	IF	CITATIONS
1	Urban heat island impacts on building energy consumption: A review of approaches and findings. <i>Energy</i> , 2019, 174, 407-419.	8.8	300
2	Modeling urban building energy use: A review of modeling approaches and procedures. <i>Energy</i> , 2017, 141, 2445-2457.	8.8	185
3	Modeling the effect of climate change on U.S. state-level buildings energy demands in an integrated assessment framework. <i>Applied Energy</i> , 2014, 113, 1077-1088.	10.1	147
4	Roles of wind and solar energy in China's power sector: Implications of intermittency constraints. <i>Applied Energy</i> , 2018, 213, 22-30.	10.1	124
5	Creating a seamless 1 km resolution daily land surface temperature dataset for urban and surrounding areas in the conterminous United States. <i>Remote Sensing of Environment</i> , 2018, 206, 84-97.	11.0	102
6	The effect of global climate change, population distribution, and climate mitigation on building energy use in the U.S. and China. <i>Climatic Change</i> , 2013, 119, 979-992.	3.6	82
7	Evaluation of Global Onshore Wind Energy Potential and Generation Costs. <i>Environmental Science & Technology</i> , 2012, 46, 7857-7864.	10.0	81
8	Effects of long-term climate change on global building energy expenditures. <i>Energy Economics</i> , 2018, 72, 667-677.	12.1	80
9	Impacts of rising air temperatures and emissions mitigation on electricity demand and supply in the United States: a multi-model comparison. <i>Climatic Change</i> , 2015, 131, 111-125.	3.6	58
10	Developing a landscape of urban building energy use with improved spatiotemporal representations in a cool-humid climate. <i>Building and Environment</i> , 2018, 136, 107-117.	6.9	27
11	Spatial and temporal patterns of global onshore wind speed distribution. <i>Environmental Research Letters</i> , 2013, 8, 034029.	5.2	20
12	Estimating multi-temporal anthropogenic heat flux based on the top-down method and temporal downscaling methods in Beijing, China. <i>Resources, Conservation and Recycling</i> , 2021, 172, 105682.	10.8	18
13	Calculating impacts of energy standards on energy demand in U.S. buildings with uncertainty in an integrated assessment model. <i>Energy</i> , 2015, 90, 1682-1694.	8.8	10
14	Evaluating sub-national building-energy efficiency policy options under uncertainty: Efficient sensitivity testing of alternative climate, technological, and socioeconomic futures in a regional integrated-assessment model. <i>Energy Economics</i> , 2014, 43, 22-33.	12.1	8