

Tyler H Ruggles

List of Publications by Year in Descending Order

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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.

12
papers

144
citations

6
h-index

12
g-index

13
ext. papers

275
ext. citations

9
avg, IF

3.53
L-index

#	Paper	IF	Citations
12	Wind and solar generation may reduce the inter-annual variability of peak residual load in certain electricity systems. <i>Applied Energy</i> , 2022 , 305, 117773	10.7	4
11	Exploring the role of electric vehicles in Africa's energy transition: A Nigerian case study.. <i>IScience</i> , 2022 , 25, 103926	6.1	2
10	The quantity-quality transition in the value of expanding wind and solar power generation.. <i>IScience</i> , 2022 , 25, 104140	6.1	0
9	Electricity systems in the limit of free solar photovoltaics and continent-scale transmission.. <i>IScience</i> , 2022 , 25, 104108	6.1	
8	The role of concentrated solar power with thermal energy storage in least-cost highly reliable electricity systems fully powered by variable renewable energy. <i>Advances in Applied Energy</i> , 2022 , 6, 100091		3
7	Wind and Solar Resource Droughts in California Highlight the Benefits of Long-Term Storage and Integration with the Western Interconnect. <i>Environmental Science & Technology</i> , 2021 , 55, 6214-6226	10.3	11
6	Opportunities for flexible electricity loads such as hydrogen production from curtailed generation. <i>Advances in Applied Energy</i> , 2021 , 3, 100051		13
5	Promoting reproducibility and increased collaboration in electric sector capacity expansion models with community benchmarking and intercomparison efforts. <i>Applied Energy</i> , 2021 , 304, 117745	10.7	4
4	Developing reliable hourly electricity demand data through screening and imputation. <i>Scientific Data</i> , 2020 , 7, 155	8.2	17
3	Role of Long-Duration Energy Storage in Variable Renewable Electricity Systems. <i>Joule</i> , 2020 , 4, 1907-1928	27.8	76
2	Particle identification in camera image sensors using computer vision. <i>Astroparticle Physics</i> , 2019 , 104, 42-53	2.4	8
1	A study to optimize the potential impact of residential building energy audits. <i>Energy Efficiency</i> , 2011 , 4, 587-597	3	6