

Constantinos Taliotis

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.

27
papers

477
citations

11
h-index

21
g-index

131
ext. papers

671
ext. citations

5.6
avg, IF

3.57
L-index

#	Paper	IF	Citations
27	Lighting the World: the first application of an open source, spatial electrification tool (OnSSET) on Sub-Saharan Africa. <i>Environmental Research Letters</i> , 2017 , 12, 085003	6.2	104
26	An indicative analysis of investment opportunities in the African electricity supply sector [Using TEMBA (The Electricity Model Base for Africa)]. <i>Energy for Sustainable Development</i> , 2016 , 31, 50-66	5.4	62
25	Desalination using renewable energy sources on the arid islands of South Aegean Sea. <i>Energy</i> , 2016 , 94, 262-272	7.9	45
24	Resilience of the Eastern African electricity sector to climate driven changes in hydropower generation. <i>Nature Communications</i> , 2019 , 10, 302	17.4	44
23	From the development of an open-source energy modelling tool to its application and the creation of communities of practice: The example of OSeMOSYS. <i>Energy Strategy Reviews</i> , 2018 , 20, 209-228	9.8	40
22	Valuing blackouts and lost leisure: Estimating electricity interruption costs for households across the European Union. <i>Energy Research and Social Science</i> , 2017 , 34, 39-48	7.7	31
21	Grand Inga to power Africa: Hydropower development scenarios to 2035. <i>Energy Strategy Reviews</i> , 2014 , 4, 1-10	9.8	30
20	Natural gas in Cyprus: The need for consolidated planning. <i>Energy Policy</i> , 2017 , 107, 197-209	7.2	20
19	Need for Reliability and Measuring Its Cost 2017 , 207-218		17
18	A decomposition and decoupling analysis of carbon dioxide emissions from electricity generation: Evidence from the EU-27 and the UK. <i>Energy</i> , 2021 , 231, 120861	7.9	14
17	The Impact of Climate Change on Crop Production in Uganda: An Integrated Systems Assessment with Water and Energy Implications. <i>Water (Switzerland)</i> , 2019 , 11, 1805	3	13
16	The Climate, Land, Energy, and Water systems (CLEWs) framework: a retrospective of activities and advances to 2019. <i>Environmental Research Letters</i> ,	6.2	10
15	Renewable energy technology integration for the island of Cyprus: A cost-optimization approach. <i>Energy</i> , 2017 , 137, 31-41	7.9	9
14	Estimating the economy-wide impacts of energy policies in Cyprus. <i>Energy Strategy Reviews</i> , 2020 , 29, 100495	9.8	7
13	An indicative assessment of investment opportunities in the African electricity supply sector. <i>Journal of Energy in Southern Africa</i> , 2014 , 25, 2-12	1.8	6
12	A Sketch of Bolivia's Potential Low-Carbon Power System Configurations. The Case of Applying Carbon Taxation and Lowering Financing Costs. <i>Energies</i> , 2018 , 11, 2738	3.1	6
11	Determinants of energy futures: scenario discovery method applied to cost and carbon emission futures for South American electricity infrastructure. <i>Environmental Research Communications</i> , 2019 , 1, 025001	3.1	4

10	The Effect of Electric Vehicle Deployment on Renewable Electricity Generation in an Isolated Grid System: The Case Study of Cyprus. <i>Frontiers in Energy Research</i> , 2020 , 8,	3.8	3
9	Vulnerability of Uganda's Electricity Sector to Climate Change: An Integrated Systems Analysis 2018 , 1-30		3
8	Technoeconomic assumptions adopted for the development of a long-term electricity supply model for Cyprus. <i>Data in Brief</i> , 2017 , 14, 730-737	1.2	2
7	Gas Security of Supply in the European Union 2017 , 67-78		2
6	Vulnerability of Uganda's Electricity Sector to Climate Change: An Integrated Systems Analysis 2019 , 1-30		1
5	Storage Solutions and Their Value 2017 , 173-187		1
4	The Global Least-cost user-friendly CLEWs Open-Source Exploratory model. <i>Environmental Modelling and Software</i> , 2021 , 143, 105091	5.2	1
3	Selected 'Starter kit' energy system modelling data for selected countries in Africa, East Asia, and South America (#CCG, 2021).. <i>Data in Brief</i> , 2022 , 42, 108021	1.2	0
2	Need for Flexibility and Potential Solutions 2017 , 149-172		
1	Vulnerability of Uganda's Electricity Sector to Climate Change: An Integrated Systems Analysis 2020 , 177-205		