

# Constantinos Taliotis

## 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.

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	Selected 'Starter kit' energy system modelling data for selected countries in Africa, East Asia, and South America (#CCG, 2021).. <i>Data in Brief</i> , <b>2022</b> , 42, 108021	1.2	0
26	A decomposition and decoupling analysis of carbon dioxide emissions from electricity generation: Evidence from the EU-27 and the UK. <i>Energy</i> , <b>2021</b> , 231, 120861	7.9	14
25	The Global Least-cost user-friendly CLEWs Open-Source Exploratory model. <i>Environmental Modelling and Software</i> , <b>2021</b> , 143, 105091	5.2	1
24	Estimating the economy-wide impacts of energy policies in Cyprus. <i>Energy Strategy Reviews</i> , <b>2020</b> , 29, 100495	9.8	7
23	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> , <b>2020</b> , 8,	3.8	3
22	Vulnerability of Uganda's Electricity Sector to Climate Change: An Integrated Systems Analysis <b>2020</b> , 177-205		
21	The Impact of Climate Change on Crop Production in Uganda—An Integrated Systems Assessment with Water and Energy Implications. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1805	3	13
20	Resilience of the Eastern African electricity sector to climate driven changes in hydropower generation. <i>Nature Communications</i> , <b>2019</b> , 10, 302	17.4	44
19	Vulnerability of Uganda's Electricity Sector to Climate Change: An Integrated Systems Analysis <b>2019</b> , 1-30		1
18	Determinants of energy futures—scenario discovery method applied to cost and carbon emission futures for South American electricity infrastructure. <i>Environmental Research Communications</i> , <b>2019</b> , 1, 025001	3.1	4
17	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> , <b>2018</b> , 20, 209-228	9.8	40
16	A Sketch of Bolivia's Potential Low-Carbon Power System Configurations. The Case of Applying Carbon Taxation and Lowering Financing Costs. <i>Energies</i> , <b>2018</b> , 11, 2738	3.1	6
15	Vulnerability of Uganda's Electricity Sector to Climate Change: An Integrated Systems Analysis <b>2018</b> , 1-30		3
14	Natural gas in Cyprus: The need for consolidated planning. <i>Energy Policy</i> , <b>2017</b> , 107, 197-209	7.2	20
13	Technoeconomic assumptions adopted for the development of a long-term electricity supply model for Cyprus. <i>Data in Brief</i> , <b>2017</b> , 14, 730-737	1.2	2
12	Need for Flexibility and Potential Solutions <b>2017</b> , 149-172		
11	Valuing blackouts and lost leisure: Estimating electricity interruption costs for households across the European Union. <i>Energy Research and Social Science</i> , <b>2017</b> , 34, 39-48	7.7	31

10	Renewable energy technology integration for the island of Cyprus: A cost-optimization approach. <i>Energy</i> , <b>2017</b> , 137, 31-41	7.9	9
9	Lighting the World: the first application of an open source, spatial electrification tool (OnSSET) on Sub-Saharan Africa. <i>Environmental Research Letters</i> , <b>2017</b> , 12, 085003	6.2	104
8	Storage Solutions and Their Value <b>2017</b> , 173-187		1
7	Gas Security of Supply in the European Union <b>2017</b> , 67-78		2
6	Need for Reliability and Measuring Its Cost <b>2017</b> , 207-218		17
5	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> , <b>2016</b> , 31, 50-66	5.4	62
4	Desalination using renewable energy sources on the arid islands of South Aegean Sea. <i>Energy</i> , <b>2016</b> , 94, 262-272	7.9	45
3	Grand Inga to power Africa: Hydropower development scenarios to 2035. <i>Energy Strategy Reviews</i> , <b>2014</b> , 4, 1-10	9.8	30
2	An indicative assessment of investment opportunities in the African electricity supply sector. <i>Journal of Energy in Southern Africa</i> , <b>2014</b> , 25, 2-12	1.8	6
1	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