AndrÃ© Pina

List of Publications by Year
in descending order

29	1,423	331670 21	580821 25
papers	citations	h-index	g-index

29	29	29	1667
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of demand side management strategies in the penetration of renewable electricity. Energy, 2012, 41, 128-137.	8.8	231
2	High-resolution modeling framework for planning electricity systems with high penetration of renewables. Applied Energy, 2013, 112, 215-223.	10.1	140
3	Feasibility study of using a biogas engine as backup in a decentralized hybrid (PV/wind/battery) power generation system â€“ Case study Kenya. Energy, 2015, 90, 1830-1841.	8.8	126
4	The relevance of the energy resource dynamics in the mid/long-term energy planning models. Renewable Energy, 2011, 36, 3068-3074.	8.9	100
5	Modeling hourly electricity dynamics for policy making in long-term scenarios. Energy Policy, 2011, 39, 4692-4702.	8.8	96
6	Electricity decarbonisation pathways for 2050 in Portugal: A TIMES (The Integrated MARKAL-EFOM) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.8	83
7	Demand response modeling: A comparison between tools. Applied Energy, 2015, 146, 288-297.	10.1	67
8	An urban building database (UBD) supporting a smart city information system. Energy and Buildings, 2018, 158, 244-260.	6.7	63
9	The impact of climate change on building heat demand in different climate types. Energy and Buildings, 2017, 149, 225-234.	6.7	59
10	Modeling the long-term effect of climate change on building heat demand: Case study on a district level. Energy and Buildings, 2016, 126, 77-93.	6.7	51
11	The Use of Multi-detail Building Archetypes in Urban Energy Modelling. Energy Procedia, 2017, 111, 817-825.	1.8	47
12	Energy reduction potential from the shift to electric vehicles: The Flores island case study. Energy Policy, 2014, 67, 37-47.	8.8	45
13	Comparison of different demand response optimization goals on an isolated microgrid. Sustainable Energy Technologies and Assessments, 2018, 30, 209-215.	2.7	37
14	The impact of renovation measures on building environmental performance: An emergy approach. Journal of Cleaner Production, 2017, 162, 776-790.	9.3	34
15	Remote Autonomous Energy Systems Project: Towards sustainability in developing countries. Energy, 2012, 48, 431-439.	8.8	30
16	From on-road trial evaluation of electric and conventional bicycles to comparison with other urban transport modes: Case study in the city of Lisbon, Portugal. Energy Conversion and Management, 2015, 92, 10-18.	9.2	30
17	On the performance of district heating systems in urban environment: an emergy approach. Journal of Cleaner Production, 2017, 142, 109-120.	9.3	29
18	Polygeneration Energy Container: Designing and Testing Energy Services for Remote Developing Communities. IEEE Transactions on Sustainable Energy, 2014, 5, 1348-1355.	8.8	26

#	Article	IF	Citations
19	Potential of CO2 (carbon dioxide) taxes as a policy measure towards low-carbon Portuguese electricity sector by 2050. Energy, 2014, 69, 113-119.	8.8	25
20	Disaggregation and characterization of residential electricity use: Analysis for Ghana. Sustainable Cities and Society, 2019, 48, 101586.	10.4	23
21	Energy efficiency deployment: A pathway to sustainable electrification in Ghana. Journal of Cleaner Production, 2018, 186, 544-557.	9.3	22
22	Assessment of the potential use of demand response in DHW systems on isolated microgrids. Renewable Energy, 2018, 115, 989-998.	8.9	16
23	Evaluation of Alternatives for the Passenger Road Transport Sector in Europe: A Life-Cycle Assessment Approach. Environments - MDPI, 2018, 5, 21.	3.3	15
24	The physical structure of urban economies â€" Comparative assessment. Technological Forecasting and Social Change, 2016, 113, 220-229.	11.6	10
25	Introduction of electric vehicles in an island as a driver to increase renewable energy penetration. , 2008, , .		8
26	Economic modeling of a seawater pumped-storage system in the context of São Miguel. , 2008, , .		5
27	Analysing the role of fusion power in the future global energy system. EPJ Web of Conferences, 2012, 33, 01006.	0.3	4
28	Linking Material Flow Analysis with Resilience Using Rice: A Case Study in Global, Visual MFA of a Key Food Product. Resources, 2016, 5, 4.	3.5	1
29	Assessing the impact of electricity interconnections to achieve the EU targets for CO<inf>2</inf> emissions reduction. , 2015, , .		0