

Praene

List of Publications by Year in descending order

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22
papers

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citations

933410

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23
all docs

23
docs citations

23
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Renewable energy: Progressing towards a net zero energy island, the case of Reunion Island. Renewable and Sustainable Energy Reviews, 2012, 16, 426-442.	16.4	105
2	Simulation and experimental investigation of solar absorption cooling system in Reunion Island. Applied Energy, 2011, 88, 831-839.	10.1	75
3	Dynamic modeling and experimental validation elements of a 30kW LiBr/H ₂ O single effect absorption chiller for solar application. Applied Thermal Engineering, 2015, 90, 980-993.	6.0	59
4	GIS-based approach to identify climatic zoning: A hierarchical clustering on principal component analysis. Building and Environment, 2019, 164, 106330.	6.9	43
5	Evaluation of the thermal resistance of a roof-mounted multi-reflective radiant barrier for tropical and humid conditions: Experimental study from field measurements. Energy and Buildings, 2012, 48, 79-90.	6.7	34
6	Modeling and experimental validation of the solar loop for absorption solar cooling system using double-glazed collectors. Applied Thermal Engineering, 2011, 31, 268-277.	6.0	31
7	Electricity generation from renewables in Madagascar: Opportunities and projections. Renewable and Sustainable Energy Reviews, 2017, 76, 1066-1079.	16.4	21
8	A life cycle assessment approach to the electricity generation of French overseas territories. Journal of Cleaner Production, 2017, 168, 755-763.	9.3	19
9	Territorial analysis of energy consumption of a small remote island: Proposal for classification and highlighting consumption profiles. Renewable and Sustainable Energy Reviews, 2016, 59, 636-648.	16.4	17
10	Comoros's energy review for promoting renewable energy sources. Renewable Energy, 2021, 169, 885-893.	8.9	16
11	Sustainable transition in small island developing states: Assessing the current situation. Utilities Policy, 2018, 54, 86-91.	4.0	10
12	Sustainable urban planning for a successful energy transition on Reunion Island: From policy intentions to practical achievement. Utilities Policy, 2018, 55, 1-13.	4.0	9
13	Potential of fueling spark-ignition engines with syngas or syngas blends for power generation in rural electrification: A short review and S.W.O.T. analysis. Sustainable Energy Technologies and Assessments, 2021, 47, 101510.	2.7	6
14	Case study for experimental validation of a new presizing tool for solar heating, cooling and domestic hot water closed systems. Case Studies in Thermal Engineering, 2017, 10, 272-282.	5.7	5
15	DISH STIRLING SYSTEM POTENTIAL ASSESSMENT FOR EIGHT MAIN SITES IN MADAGASCAR. JP Journal of Heat and Mass Transfer, 2015, 13, 119-141.	0.2	5
16	Sensitivity Analysis of the New Sizing Tool "PISTACHE" for Solar Heating, Cooling and Domestic Hot Water Systems. Energy Procedia, 2014, 48, 997-1006.	1.8	4
17	Environmental Overcost of Single Family Houses in Insular Context: A Comparative LCA Study of Reunion Island and France. Sustainability, 2020, 12, 8937.	3.2	4
18	Past and prospective electricity scenarios in Madagascar: The role of government energy policies. Renewable and Sustainable Energy Reviews, 2021, 149, 111321.	16.4	4

#	ARTICLE	IF	CITATIONS
19	Prospective Life Cycle Assessment: Effect of Electricity Decarbonization in Building Sector. <i>Energies</i> , 2021, 14, 3184.	3.1	3
20	Assess the local electricity consumption: the case of Reunion island through a GIS based method. <i>AIMS Energy</i> , 2018, 6, 436-452.	1.9	3
21	Steady State Model of a Solar Evacuated Tube Collector Based on Sensitivity Analysis. , 2005, , 381.		2
22	Sensitivity Analysis to Optimize a Solar Absorption Cooling System. <i>Energy Procedia</i> , 2014, 57, 2636-2645.	1.8	2