

John K Kaldellis

List of Publications by Year in descending order

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papers

689
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docs citations

18
times ranked

901
citing authors

#	ARTICLE	IF	CITATIONS
1	The wind energy (r)evolution: A short review of a long history. <i>Renewable Energy</i> , 2011, 36, 1887-1901.	9.0	420
2	Real-world study for the optimal charging of electric vehicles. <i>Energy Reports</i> , 2020, 6, 418-426.	5.2	142
3	Critical evaluation of Wind Turbines' analytical wake models. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 144, 110991.	16.7	38
4	Supporting the Clean Electrification for Remote Islands: The Case of the Greek Tilos Island. <i>Energies</i> , 2021, 14, 1336.	3.2	14
5	A multicriteria analysis for the optimal desalination' RES system. Special focus: the small Greek islands. <i>Desalination and Water Treatment</i> , 2013, 51, 1205-1218.	1.0	13
6	The role of hydrogen-based energy storage in the support of large-scale wind energy integration in island grids. <i>International Journal of Sustainable Energy</i> , 2015, 34, 188-201.	2.4	13
7	Optimum green energy solution to address the remote islands' water-energy nexus: the case study of Nisyros island. <i>Heliyon</i> , 2021, 7, e07838.	3.3	11
8	Assessing the Status of Electricity Generation in the Non-Interconnected Islands of the Aegean Sea Region. <i>Energy Procedia</i> , 2019, 159, 424-429.	1.8	10
9	Sizing of a solar' geothermal hybrid power plant in remote island electrical network. <i>Energy Procedia</i> , 2019, 157, 901-908.	1.8	10
10	Wave energy exploitation in the Ionian Sea Hellenic coasts: spatial planning of potential wave power stations. <i>International Journal of Sustainable Energy</i> , 2019, 38, 312-332.	2.4	6
11	Photovoltaic-based combined electricity and clean water production for remote small islands. <i>Desalination and Water Treatment</i> , 2013, 51, 695-701.	1.0	2
12	Introduction to Wind Energy. , 2022, , 1-12.		2
13	Social Acceptability of Wind Power Projects. , 2022, , 628-643.		2
14	Clean energy solution for remote islands. The case of Nisyros island. <i>International Journal of Sustainable Energy</i> , 2022, 41, 1237-1261.	2.4	2
15	Improved wind energy production prediction for remote aegean sea islands. , 2017, , .		1
16	An advanced microgrid simulator for stand-alone and market-dependent energy strategies. , 2017, , .		1
17	Wind Energy Contribution in the Planet Energy Balance and Future Prospects. , 2022, , 13-44.		1
18	Wind turbine wake models' evaluation for different downstream locations. <i>Renewable Energy and Environmental Sustainability</i> , 2021, 6, 40.	1.4	1