

Vinicius Silva

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

197
citations

1307594

7
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic feasibility of battery energy storage systems for replacing peak power plants for commercial consumers under energy time of use tariffs. <i>Journal of Energy Storage</i> , 2020, 29, 101373.	8.1	46
2	Enhancing developing countries' transition to a low-carbon electricity sector. <i>Energy</i> , 2021, 220, 119659.	8.8	40
3	Biotechnological products in batch reactors obtained from cellulose, glucose and xylose using thermophilic anaerobic consortium. <i>Renewable Energy</i> , 2018, 125, 537-545.	8.9	24
4	The Impact of Battery-Electric Vehicles on Energy Consumption: A Macroeconomic Evidence from 29 European Countries. <i>World Electric Vehicle Journal</i> , 2022, 13, 36.	3.0	23
5	Basic and procedural requirements for energy potential from biogas of sewage treatment plants. <i>Journal of Environmental Management</i> , 2019, 236, 380-387.	7.8	11
6	Development of a real-scale cooling module for a PV power plant. <i>IET Renewable Power Generation</i> , 2018, 12, 450-455.	3.1	10
7	Performance Analysis of Topologies for Autonomous Hybrid Microgrids in Remote Non-Interconnected Communities in the Amazon Region. <i>Sustainability</i> , 2021, 13, 44.	3.2	7
8	A Long-Term Analysis of the Architecture and Operation of Water Film Cooling System for Commercial PV Modules. <i>Energies</i> , 2021, 14, 1515.	3.1	7
9	Theoretical and experimental research to development of water film cooling system for commercial photovoltaic modules. <i>IET Renewable Power Generation</i> , 2021, 15, 206-224.	3.1	6
10	Improving the Performance of Photovoltaic Power Plants with Determinative Module for the Cooling System. <i>Energy and Power Engineering</i> , 2017, 09, 309-323.	0.8	6
11	Regulating the electro-energetic use of natural gas by gas-to-wire offshore technology: Case study from Brazil. <i>Utilities Policy</i> , 2020, 66, 101085.	4.0	5
12	Bases for the Preferential Plan from an Integrated Energy Resources Planning. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 188, 012046.	0.3	2
13	Impacts of Photovoltaic Insertion On Distribution Losses in a Amazonian Distribution System. , 2020, , .		2
14	Cross-Boundary Energy-Resources Assessment for an Integrated Sources Harnessing and Sustainable Development. <i>Energy and Earth Science</i> , 2018, 1, 18.	0.1	2
15	Basics about Cooled PV Plant Design inside the Site of a Hydro Power Plant. , 2018, , .		1
16	Development of Modular Cooling for Water-Cooled Photovoltaic Plant in Real Scale. , 2019, , .		1
17	Real and Induced Characteristics in the Systemic Analysis of Behavior and Primary Energy Contained in Wind Power Source. , 2018, , .		0
18	A Importância da Energia Solar para o Desenvolvimento Sustentável. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	Impacts of Transmission Lines on Tropical Forests – Assessment of the Sociocultural and Environmental Aspects. , 2022, , .		0