

# Eduardo Antonio Pina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1605209/publications.pdf>

Version: 2024-02-01

16  
papers

191  
citations

1162367

8  
h-index

1372195

10  
g-index

18  
all docs

18  
docs citations

18  
times ranked

212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of process steam demand and water-usage through heat integration in sugar and ethanol production from sugarcane – Evaluation of different plant configurations. <i>Energy</i> , 2017, 138, 1263-1280.	4.5	41
2	Design and thermoeconomic analysis of a solar parabolic trough – ORC – Biomass cooling plant for a commercial center. <i>Solar Energy</i> , 2021, 215, 92-107.	2.9	39
3	Thermoeconomic cost allocation in simple trigeneration systems including thermal energy storage. <i>Energy</i> , 2018, 153, 170-184.	4.5	22
4	Allocation of economic costs in trigeneration systems at variable load conditions including renewable energy sources and thermal energy storage. <i>Energy</i> , 2018, 151, 633-646.	4.5	19
5	Assessing the influence of legal constraints on the integration of renewable energy technologies in polygeneration systems for buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 149, 111382.	8.2	19
6	Tackling thermal integration in the synthesis of polygeneration systems for buildings. <i>Applied Energy</i> , 2020, 269, 115115.	5.1	16
7	Optimal operation and marginal costs in simple trigeneration systems including thermal energy storage. <i>Energy</i> , 2017, 135, 788-798.	4.5	11
8	A multiperiod multiobjective framework for the synthesis of trigeneration systems in tertiary sector buildings. <i>International Journal of Energy Research</i> , 2020, 44, 1140-1166.	2.2	11
9	Comparative Analysis and Design of a Solar-Based Parabolic Trough – ORC Cogeneration Plant for a Commercial Center. <i>Energies</i> , 2020, 13, 4807.	1.6	7
10	Optimization and sensitivity analyses of a combined cooling, heat and power system for a residential building. <i>Thermal Science</i> , 2021, 25, 3969-3986.	0.5	2
11	A Multicriteria Approach for the Integration of Renewable Energy Technologies and Thermal Energy Storage to Support Building Trigenation Systems. , 2017, , .		2
12	Thermoeconomic Analysis of Cogeneration Systems Assisted with Solar Thermal Heat and Photovoltaics. , 2016, , .		1
13	Proposals to Maximize Electricity Generation From Sugar Cane in Brazil. , 2014, , .		0
14	Multicriteria Synthesis of Trigenation Systems Assisted With Renewable Energy Sources and Thermal Energy Storage. , 2017, , .		0
15	Integrating Renewable Energy Technologies and Thermal Energy Storage to Support Building Trigenation Systems: A Multicriteria Approach. <i>Jornadas De JÁ<sup>3</sup>venes Investigadores Del I3A</i> , 0, 5, .	0.0	0
16	Opportunities for the Integration of Solar Thermal Heat, Photovoltaics and Biomass in a Brazilian Hospital. , 2018, , .		0