

CÃ©sar Torres Cuadra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5439523/publications.pdf>

Version: 2024-02-01

18
papers

450
citations

933447

10
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural theory and thermoeconomic diagnosis. Energy Conversion and Management, 2002, 43, 1503-1518.	9.2	102
2	On the cost formation process of the residues. Energy, 2008, 33, 144-152.	8.8	99
3	Allocation of waste cost in thermoeconomic analysis. Energy, 2012, 45, 634-643.	8.8	50
4	Application of Thermoeconomics to Industrial Ecology. Entropy, 2010, 12, 591-612.	2.2	49
5	Thermoeconomic tools for the analysis of eco-industrial parks. Energy, 2013, 62, 62-72.	8.8	42
6	Assessment of biodiesel energy sustainability using the exergy return on investment concept. Energy, 2012, 45, 474-480.	8.8	30
7	Software for the analysis of water and energy systems. Desalination, 2003, 156, 367-378.	8.2	18
8	The Exergy Cost Theory Revisited. Energies, 2021, 14, 1594.	3.1	16
9	Thermoeconomic Analysis of Biodiesel Production from Used Cooking Oils. Sustainability, 2015, 7, 6321-6335.	3.2	13
10	Exergoecology as a tool for ecological modelling. The case of the US food production chain. Ecological Modelling, 2013, 255, 21-28.	2.5	12
11	The Exergy Costs of Electrical Power, Cooling, and Waste Heat from a Hybrid System Based on a Solid Oxide Fuel Cell and an Absorption Refrigeration System. Energies, 2019, 12, 3476.	3.1	7
12	Theory of Exergy Cost and Thermo-ecological Cost. Green Energy and Technology, 2017, , 167-202.	0.6	6
13	Relative Free Energy Function and Structural Theory of Thermoeconomics. Energies, 2020, 13, 2024.	3.1	3
14	Exergy and the Hubbert Peak: Assessment of the Scarcity of Minerals on Earth. , 2008, , .		2
15	Contributions of El-Sayed to the computer thermoeconomic analysis of dual-purpose power and desalination plants.. International Journal of Thermodynamics, 2012, 15, .	1.0	1
16	Thermoeconomic Diagnosis of a Pulverized Coal-Fired Steam Generator. , 2005, , 491.		0
17	Application of Thermoeconomic Analysis to the Evaluation of Potential Improvement for Energy Resources Saving in Process Plants. , 2008, , .		0
18	Defossilisation assessment of biodiesel life cycle production using the ExROI indicator. International Journal of Thermodynamics, 2013, 16, .	1.0	0