

Calin Zamfirescu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10783549/publications.pdf>

Version: 2024-02-01

20
papers

875
citations

1163117

8
h-index

1474206

9
g-index

20
all docs

20
docs citations

20
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative life cycle assessment of various ammonia production methods. Journal of Cleaner Production, 2016, 135, 1379-1395.	9.3	230
2	Sustainable hydrogen production options and the role of IAHE. International Journal of Hydrogen Energy, 2012, 37, 16266-16286.	7.1	165
3	A review on selected heterogeneous photocatalysts for hydrogen production. International Journal of Energy Research, 2014, 38, 1903-1920.	4.5	148
4	Thermodynamic analysis of a novel ammonia-water trilateral Rankine cycle. Thermochimica Acta, 2008, 477, 7-15.	2.7	140
5	Admissibility region for rarefaction shock waves in dense gases. Journal of Fluid Mechanics, 2008, 599, 363-381.	3.4	39
6	Sustainable Energy Systems and Applications. , 2012, , .		38
7	Potential options to greenize energy systems. Energy, 2012, 46, 5-15.	8.8	35
8	Maximum intensity of rarefaction shock waves for dense gases. Journal of Fluid Mechanics, 2010, 642, 127-146.	3.4	27
9	Experimental investigation and analysis of a novel photo-electrochemical hydrogen production cell with polymeric membrane photocathode. International Journal of Hydrogen Energy, 2016, 41, 7968-7975.	7.1	12
10	Hydrogen Production by Electrical Energy. , 2016, , 99-161.		10
11	Hydrogen Production by Photonic Energy. , 2016, , 309-391.		9
12	Preliminary Design of the FAST Dense Gas Ludwig Tube. , 2006, , .		5
13	Hydrogen and Fuel Cell Systems. , 2014, , 143-198.		5
14	Hydrogen and Its Production. , 2016, , 65-97.		5
15	1.3 Environmental Dimensions of Energy. , 2018, , 49-100.		3
16	Renewable Energies. , 2011, , 283-387.		2
17	Residential Solar Power Generation Systems for Better Environment. Green Energy and Technology, 2010, , 89-107.	0.6	2
18	Integrated Power Generating Systems. , 2014, , 455-516.		0

#	ARTICLE	IF	CITATIONS
19	Novel Power Generating Systems. , 2014, , 575-596.		0
20	Thermodynamic and Environmental Impact Assessment of NH3 Dieselâ€Fueled Locomotive Configurations for Clean Rail Transportation. Journal of Energy Engineering - ASCE, 2017, 143, 04017018.	1.9	0