

# 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	1.3 Environmental Dimensions of Energy. , 2018, , 49-100.		3
2	Thermodynamic and Environmental Impact Assessment of NH <sub>3</sub> Dieselâ€Fueled Locomotive Configurations for Clean Rail Transportation. Journal of Energy Engineering - ASCE, 2017, 143, 04017018.	1.9	0
3	Hydrogen Production by Photonic Energy. , 2016, , 309-391.		9
4	Comparative life cycle assessment of various ammonia production methods. Journal of Cleaner Production, 2016, 135, 1379-1395.	9.3	230
5	Hydrogen and Its Production. , 2016, , 65-97.		5
6	Hydrogen Production by Electrical Energy. , 2016, , 99-161.		10
7	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
8	Integrated Power Generating Systems. , 2014, , 455-516.		0
9	Novel Power Generating Systems. , 2014, , 575-596.		0
10	Hydrogen and Fuel Cell Systems. , 2014, , 143-198.		5
11	A review on selected heterogeneous photocatalysts for hydrogen production. International Journal of Energy Research, 2014, 38, 1903-1920.	4.5	148
12	Sustainable hydrogen production options and the role of IAHE. International Journal of Hydrogen Energy, 2012, 37, 16266-16286.	7.1	165
13	Potential options to greenize energy systems. Energy, 2012, 46, 5-15.	8.8	35
14	Sustainable Energy Systems and Applications. , 2012, , .		38
15	Renewable Energies. , 2011, , 283-387.		2
16	Maximum intensity of rarefaction shock waves for dense gases. Journal of Fluid Mechanics, 2010, 642, 127-146.	3.4	27
17	Residential Solar Power Generation Systems for Better Environment. Green Energy and Technology, 2010, , 89-107.	0.6	2
18	Thermodynamic analysis of a novel ammoniaâ€water trilateral Rankine cycle. Thermochemica Acta, 2008, 477, 7-15.	2.7	140

#	ARTICLE	IF	CITATIONS
19	Admissibility region for rarefaction shock waves in dense gases. Journal of Fluid Mechanics, 2008, 599, 363-381.	3.4	39
20	Preliminary Design of the FAST Dense Gas Ludwig Tube. , 2006, , .		5