

Alexis De Vos

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

991
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficiency of some heat engines at maximum power conditions. American Journal of Physics, 1985, 53, 570-573.	0.7	281
2	On the CdS/CuInSe ₂ conduction band discontinuity. Applied Physics Letters, 1995, 67, 843-845.	3.3	160
3	Endoreversible thermoeconomics. Energy Conversion and Management, 1995, 36, 1-5.	9.2	104
4	Endoreversible thermodynamics and chemical reactions. The Journal of Physical Chemistry, 1991, 95, 4534-4540.	2.9	101
5	Is a solar cell an endoreversible engine?. Solar Cells, 1991, 31, 181-196.	0.6	69
6	The endoreversible theory of solar energy conversion: a tutorial. Solar Energy Materials and Solar Cells, 1993, 31, 75-93.	6.2	62
7	Reversible computing. Progress in Quantum Electronics, 1999, 23, 1-49.	7.0	48
8	Endoreversible economics. Energy Conversion and Management, 1997, 38, 311-317.	9.2	42
9	The maximum efficiency of the conversion of solar energy into wind energy. American Journal of Physics, 1991, 59, 751-754.	0.7	30
10	Thermodynamics of photochemical solar energy conversion. Solar Energy Materials and Solar Cells, 1995, 38, 11-22.	6.2	28
11	Endoreversible thermodynamics versus economics. Energy Conversion and Management, 1999, 40, 1009-1019.	9.2	22
12	Statistical thermodynamic foundation for photovoltaic and photothermal conversion III: Application to hybrid solar converters. Journal of Applied Physics, 1997, 81, 3692-3699.	2.5	20
13	Thermodynamics of radiation energy conversion in one and in three physical dimensions. Journal of Physics and Chemistry of Solids, 1988, 49, 725-730.	4.0	12
14	Reversible and endoreversible computing. International Journal of Theoretical Physics, 1995, 34, 2251-2266.	1.2	11
15	On the CdS/CuInSe ₂ conduction band discontinuity. , 0, .		1