

Guillermo MartÃ-nez-RodrÃ-guez

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

235
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical study of a low temperature water-in-glass evacuated tube solar collector. Energy Conversion and Management, 2015, 94, 472-481.	9.2	61
2	Solar thermal networks operating with evacuated-tube collectors. Energy, 2018, 146, 26-33.	8.8	44
3	Shortcut Design Approach for Spiral Heat Exchangers. Food and Bioproducts Processing, 2007, 85, 322-327.	3.6	33
4	Design of solar collector networks for industrial applications. Applied Thermal Engineering, 2014, 70, 1238-1245.	6.0	20
5	Incorporating the Concept of Flexible Operation in the Design of Solar Collector Fields for Industrial Applications. Energies, 2019, 12, 570.	3.1	16
6	Alternative Design Approach for Multipass and Multi-Stream Plate Heat Exchangers for Use in Heat Recovery Systems. Heat Transfer Engineering, 2006, 27, 12-21.	1.9	13
7	Comprehensive solar thermal integration for industrial processes. Energy, 2022, 239, 122332.	8.8	12
8	Graphical tool for the preliminary design of compact heat exchangers. Applied Thermal Engineering, 2013, 61, 36-43.	6.0	11
9	Multiplicities in dividing wall distillation columns in the purification of bioethanol: energy considerations. Clean Technologies and Environmental Policy, 2018, 20, 1631-1637.	4.1	10
10	Study of the Radiation Flux Distribution in a Parabolic Dish Concentrator. Energies, 2021, 14, 7053.	3.1	6
11	Selection of solar collector network design for industrial applications subject to economic and operation criteria. Energy and Environment, 2021, 32, 1504-1523.	4.6	3
12	Synthesis and Properties of Electrically Conductive/Nitrogen Grain Boundaries Incorporated Ultrananocrystalline Diamond (N-UNCD) Thin Films Grown by Microwave Plasma Chemical Vapor Deposition (MPCVD). Applied Sciences (Switzerland), 2021, 11, 8443.	2.5	3
13	Economic and Environmental Assessment Using Two Renewable Sources of Energy to Produce Heat and Power for Industrial Applications. Energies, 2022, 15, 2338.	3.1	3
14	Solar Energy in Industrial Processes. , 0, , .		0