

Spiros Papaefthimiou

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

607
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and electrochemical properties of opaque sol-gel deposited WO ₃ layers. Applied Surface Science, 2003, 218, 276-281.	6.1	102
2	Enhancing the circular economy with nature-based solutions in the built urban environment: green building materials, systems and sites. Blue-Green Systems, 2020, 2, 46-72.	2.0	73
3	Energy use and saving in residential sector and occupant behavior: A case study in Athens. Energy and Buildings, 2018, 181, 1-9.	6.7	62
4	Editorial for the Special Issue: "Recent developments in energy modeling and management". Energy Systems, 2016, 7, 1-4.	3.0	56
5	Experimental study and Life Cycle Assessment (LCA) of Hybrid Photovoltaic/Thermal (PV/T) solar systems for domestic applications. Renewable Energy, 2018, 126, 708-723.	8.9	55
6	Evaluating the Environmental Performance of Solar Energy Systems Through a Combined Life Cycle Assessment and Cost Analysis. Sustainability, 2019, 11, 2539.	3.2	48
7	Integrated collector storage solar water heater under partial vacuum. Energy, 2017, 139, 991-1002.	8.8	38
8	Towards AI driven environmental sustainability: an application of automated logistics in container port terminals. International Journal of Production Research, 2022, 60, 4508-4528.	7.5	37
9	Comparative experimental Life Cycle Assessment of two commercial solar thermal devices for domestic applications. Renewable Energy, 2017, 111, 187-200.	8.9	36
10	Solar water heating for social housing: Energy analysis and Life Cycle Assessment. Energy and Buildings, 2018, 169, 157-171.	6.7	27
11	Cool Pavements: State of the Art and New Technologies. Sustainability, 2022, 14, 5159.	3.2	23
12	Techno-economic assessment of industrially-captured CO ₂ upgrade to synthetic natural gas by means of renewable hydrogen. Renewable Energy, 2021, 179, 1884-1896.	8.9	11
13	Life cycle assessment as a methodological tool for the optimum design of integrated collector storage solar water heaters. Energy, 2019, 182, 1084-1099.	8.8	10
14	Combined operation, modeling and life cycle assessment of a generic hybrid power system installed in Crete. Energy Systems, 2018, 9, 343-359.	3.0	8
15	A comparative methodological approach for the calculation of ships air emissions and fuel-energy consumption in two major Greek ports. Maritime Policy and Management, 2022, 49, 1135-1154.	3.8	7
16	Grid Parity of Solar Energy: Imminent Fact or Future's Fiction?. Energy Journal, 2016, 37, 263-276.	1.7	7
17	Numerical simulation data of building integrated solar thermal collectors under diverse conditions. Data in Brief, 2021, 39, 107470.	1.0	4
18	Design, Energy, Environmental and Cost Analysis of an Integrated Collector Storage Solar Water Heater Based on Multi-Criteria Methodology. Energies, 2022, 15, 1673.	3.1	3

#	ARTICLE	IF	CITATIONS
19	Estimation of Air Emissions Externalities Due to Shipping: Analytical Methodological Framework. Climate, 2022, 10, 100.	2.8	0