

Damien Fakra

List of Publications by Year in descending order

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11
papers

74
citations

1874746

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1637695

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g-index

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all docs

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docs citations

11
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Hybrid Energy Harvesting Technologies Using Roadway Pavements: A Review of the Technical Possibility of Using Piezo-thermoelectrical Combinations. <i>International Journal of Pavement Research and Technology</i> , 2023, 16, 796-821.	1.3	4
2	Thermal and spectral impact of building integrated Mirrored Light Pipe to human circadian rhythms and thermal environment. <i>International Journal of Sustainable Energy</i> , 2022, 41, 492-513.	1.3	2
3	Measuring the uncertainty assessment of an experimental device used to determine the thermo-optico-physical properties of translucent construction materials. <i>Measurement Science and Technology</i> , 2022, 33, 055007.	1.4	0
4	Research and Measuring Technology Needs to Better Model and Measure Fatigue Crack Development of Thinly Surfaced Asphalt Road Pavements. <i>CivilEng</i> , 2022, 3, 456-467.	0.8	0
5	Comoros's energy review for promoting renewable energy sources. <i>Renewable Energy</i> , 2021, 169, 885-893.	4.3	16
6	A new multiscale tool for simulating smart-grid energy management based on a systemic approach. <i>Computers and Electrical Engineering</i> , 2021, 94, 107292.	3.0	6
7	Potential of fueling spark-ignition engines with syngas or syngas blends for power generation in rural electrification: A short review and S.W.O.T. analysis. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 47, 101510.	1.7	6
8	Electrical response of plants to environmental stimuli: A short review and perspectives for meteorological applications. <i>Sensors International</i> , 2020, 1, 100053.	4.9	7
9	Experimental data and calibration processes to a new and simple device dedicated to the thermo-optical properties of a polycarbonate construction material. <i>Data in Brief</i> , 2020, 32, 106289.	0.5	1
10	A simple and low-cost integrative sensor system for methane and hydrogen measurement. <i>Sensors International</i> , 2020, 1, 100032.	4.9	12
11	A nodal thermal model for photovoltaic systems: Impact on building temperature fields and elements of validation for tropical and humid climatic conditions. <i>Energy and Buildings</i> , 2009, 41, 1117-1126.	3.1	20