

# Damien Fakra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5300770/publications.pdf>

Version: 2024-02-01

11

papers

74

citations

1684188

5

h-index

1474206

9

g-index

11

all docs

11

docs citations

11

times ranked

74

citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.7	20
2	Comoros's energy review for promoting renewable energy sources. <i>Renewable Energy</i> , 2021, 169, 885-893.	8.9	16
3	A simple and low-cost integrative sensor system for methane and hydrogen measurement. <i>Sensors International</i> , 2020, 1, 100032.	8.4	12
4	Electrical response of plants to environmental stimuli: A short review and perspectives for meteorological applications. <i>Sensors International</i> , 2020, 1, 100053.	8.4	7
5	A new multiscale tool for simulating smart-grid energy management based on a systemic approach. <i>Computers and Electrical Engineering</i> , 2021, 94, 107292.	4.8	6
6	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.	2.7	6
7	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.	2.6	4
8	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.	2.4	2
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.	1.0	1
10	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.	2.6	0
11	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.	1.4	0