

Nazmi Sellami

List of Publications by Year in descending order

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42
papers

1,094
citations

361413

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395702

33
g-index

42
all docs

42
docs citations

42
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical efficiency study of PV Crossed Compound Parabolic Concentrator. Applied Energy, 2013, 102, 868-876.	10.1	109
2	Performance analysis of a dielectric based 3D building integrated concentrating photovoltaic system. Solar Energy, 2014, 103, 525-540.	6.1	83
3	Facile Surfactant-Free Synthesis of p-Type SnSe Nanoplates with Exceptional Thermoelectric Power Factors. Angewandte Chemie - International Edition, 2016, 55, 6433-6437.	13.8	81
4	Thermal performance of semitransparent CdTe BIPV window at temperate climate. Solar Energy, 2020, 195, 536-543.	6.1	77
5	Optical characterisation of 3-D static solar concentrator. Energy Conversion and Management, 2012, 64, 579-586.	9.2	73
6	Modelling photovoltaic soiling losses through optical characterization. Scientific Reports, 2020, 10, 58.	3.3	72
7	Performance modeling and testing of a Building Integrated Concentrating Photovoltaic (BICPV) system. Solar Energy Materials and Solar Cells, 2015, 134, 29-44.	6.2	62
8	Optical characterisation and optimisation of a static Window Integrated Concentrating Photovoltaic system. Solar Energy, 2013, 91, 273-282.	6.1	51
9	Performance assessment of cadmium telluride-based semi-transparent glazing for power saving in facade buildings. Energy and Buildings, 2020, 215, 109585.	6.7	43
10	Trapping light escaping from the edges of the optical element in a Concentrating Photovoltaic system. Energy Conversion and Management, 2015, 90, 238-246.	9.2	37
11	Dynamics of rising CO ₂ bubble plumes in the QICS field experiment. International Journal of Greenhouse Gas Control, 2015, 38, 52-63.	4.6	36
12	Performance analysis of a reflective 3D crossed compound parabolic concentrating photovoltaic system for building facade integration. Progress in Photovoltaics: Research and Applications, 2013, 21, 1095-1103.	8.1	34
13	Dynamics of rising CO ₂ bubble plumes in the QICS field experiment. International Journal of Greenhouse Gas Control, 2015, 38, 44-51.	4.6	31
14	Coupled heat transfer performance of a high temperature cup shaped porous absorber. Energy Conversion and Management, 2016, 110, 327-337.	9.2	30
15	Evaluation of solar factor using spectral analysis for CdTe photovoltaic glazing. Materials Letters, 2019, 237, 332-335.	2.6	26
16	Six-parameter electrical model for photovoltaic cell/module with compound parabolic concentrator. Solar Energy, 2016, 137, 551-563.	6.1	24
17	A novel absorptive/reflective solar concentrator for heat and electricity generation: An optical and thermal analysis. Energy Conversion and Management, 2016, 114, 142-153.	9.2	23
18	Energy Revolution for Our Common Future: An Evaluation of the Emerging International Renewable Energy Law. Energies, 2018, 11, 1769.	3.1	22

#	ARTICLE	IF	CITATIONS
19	Thermal performance evaluation and energy saving potential of semi-transparent CdTe in FaÅšade BIPV. Solar Energy, 2022, 232, 84-91.	6.1	22
20	Multiphysics Simulations of a Thermoelectric Generator. Energy Procedia, 2015, 75, 633-638.	1.8	21
21	Myth or gold? The power of aesthetics in the adoption of building integrated photovoltaics (BIPVs). Energy Nexus, 2021, 4, 100021.	7.7	21
22	Enhancing the performance of BICPV systems using phase change materials. AIP Conference Proceedings, 2015, , .	0.4	17
23	Ba6âˆ³x Nd8+2x Ti18O54 Tungsten Bronze: A New High-Temperature n-Type Oxide Thermoelectric. Journal of Electronic Materials, 2016, 45, 1894-1899.	2.2	17
24	Using Static Concentrator Technology to Achieve Global Energy Goal. Sustainability, 2019, 11, 3056.	3.2	15
25	Thermal Spray Coatings for Electromagnetic Wave Absorption and Interference Shielding: A Review and Future Challenges. Advanced Engineering Materials, 2022, 24, .	3.5	12
26	Coupled Simulation of Performance of a Crossed Compound Parabolic Concentrator with Solar Cell. Energy Procedia, 2015, 75, 325-330.	1.8	10
27	State-of-the-Art Review on the Energy Performance of Semi-Transparent Building Integrated Photovoltaic across a Range of Different Climatic and Environmental Conditions. Energies, 2021, 14, 3412.	3.1	8
28	Design of nonimaging static solar concentrator for window integrated photovoltaic. , 2012, , .		6
29	Scalable solar thermoelectrics and photovoltaics (SUNTRAP). AIP Conference Proceedings, 2016, , .	0.4	5
30	Performance Improvement of a CPV System: Experimental Investigation into Passive Cooling with Phase Change Materials. Energies, 2021, 14, 3550.	3.1	5
31	Large-scale manufacturing route to metamaterial coatings using thermal spray techniques and their response to solar radiation. Emergent Materials, 0, , 1.	5.7	5
32	Promoting the Solar Industry in Ghana through Effective Public-Private Partnership (PPP): Some Lessons from South Africa and Morocco. Energies, 2022, 15, 17.	3.1	4
33	Building Integrated Photovoltaicsâ€™The Journey So Far and Future. Energies, 2022, 15, 1802.	3.1	3
34	Optical and heat transfer performance of a novel non-imaging concentrator. AIP Conference Proceedings, 2015, , .	0.4	2
35	Design and Fabrication of Absorptive/Reflective Crossed CPC PV/T System. Designs, 2018, 2, 29.	2.4	2
36	Experimental performance of concentrating photovoltaic thermal module. , 2016, , .		1

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37	Design of an absorptive reflective crossed CPC PV/T system. AIP Conference Proceedings, 2019, , .	0.4	1
38	Experimental Investigation of a Novel Absorptive/Reflective Solar Concentrator: A Thermal Analysis. Energies, 2020, 13, 1281.	3.1	1
39	Mathematical Modelling of a Static Concentrating Photovoltaic: Simulation and Experimental Validation. Applied Sciences (Switzerland), 2021, 11, 3894.	2.5	1
40	A blend of Traditional Visual Symbols in BIPV application; any Prospects?. , 0, , .		1
41	Static concentrating photovoltaic modelling using MATLAB. Journal of Physics: Conference Series, 2021, 2053, 012003.	0.4	0
42	Development of a Control System for a Domestic Grid-Connected Wind Turbine. Journal of Computational and Theoretical Nanoscience, 2019, 16, 2249-2258.	0.4	0