

# Nazmi Sellami

## List of Publications by Year in descending order

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42  
papers

1,094  
citations

361413

20  
h-index

395702

33  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1051  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal performance evaluation and energy saving potential of semi-transparent CdTe in Façade BIPV. Solar Energy, 2022, 232, 84-91.	6.1	22
2	Building Integrated Photovoltaicsâ€”The Journey So Far and Future. Energies, 2022, 15, 1802.	3.1	3
3	Thermal Spray Coatings for Electromagnetic Wave Absorption and Interference Shielding: A Review and Future Challenges. Advanced Engineering Materials, 2022, 24, .	3.5	12
4	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
5	Mathematical Modelling of a Static Concentrating Photovoltaic: Simulation and Experimental Validation. Applied Sciences (Switzerland), 2021, 11, 3894.	2.5	1
6	Performance Improvement of a CPV System: Experimental Investigation into Passive Cooling with Phase Change Materials. Energies, 2021, 14, 3550.	3.1	5
7	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
8	Static concentrating photovoltaic modelling using MATLAB. Journal of Physics: Conference Series, 2021, 2053, 012003.	0.4	0
9	Myth or gold? The power of aesthetics in the adoption of building integrated photovoltaics (BIPVs). Energy Nexus, 2021, 4, 100021.	7.7	21
10	Performance assessment of cadmium telluride-based semi-transparent glazing for power saving in façade buildings. Energy and Buildings, 2020, 215, 109585.	6.7	43
11	Thermal performance of semitransparent CdTe BIPV window at temperate climate. Solar Energy, 2020, 195, 536-543.	6.1	77
12	Modelling photovoltaic soiling losses through optical characterization. Scientific Reports, 2020, 10, 58.	3.3	72
13	Experimental Investigation of a Novel Absorptive/Reflective Solar Concentrator: A Thermal Analysis. Energies, 2020, 13, 1281.	3.1	1
14	Design of an absorptive reflective crossed CPC PV/T system. AIP Conference Proceedings, 2019, , .	0.4	1
15	Using Static Concentrator Technology to Achieve Global Energy Goal. Sustainability, 2019, 11, 3056.	3.2	15
16	Evaluation of solar factor using spectral analysis for CdTe photovoltaic glazing. Materials Letters, 2019, 237, 332-335.	2.6	26
17	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
18	Design and Fabrication of Absorptive/Reflective Crossed CPC PV/T System. Designs, 2018, 2, 29.	2.4	2

#	ARTICLE	IF	CITATIONS
19	Energy Revolution for Our Common Future: An Evaluation of the Emerging International Renewable Energy Law. <i>Energies</i> , 2018, 11, 1769.	3.1	22
20	Facile Surfactant-Free Synthesis of p-Type SnSe Nanoplates with Exceptional Thermoelectric Power Factors. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6433-6437.	13.8	81
21	Experimental performance of concentrating photovoltaic thermal module. , 2016, , .		1
22	Scalable solar thermoelectrics and photovoltaics (SUNTRAP). <i>AIP Conference Proceedings</i> , 2016, , .	0.4	5
23	Six-parameter electrical model for photovoltaic cell/module with compound parabolic concentrator. <i>Solar Energy</i> , 2016, 137, 551-563.	6.1	24
24	Ba <sub>6</sub> ~ <sup>3x</sup> Nd <sub>8+2x</sub> Ti <sub>18</sub> O <sub>54</sub> Tungsten Bronze: A New High-Temperature n-Type Oxide Thermoelectric. <i>Journal of Electronic Materials</i> , 2016, 45, 1894-1899.	2.2	17
25	A novel absorptive/reflective solar concentrator for heat and electricity generation: An optical and thermal analysis. <i>Energy Conversion and Management</i> , 2016, 114, 142-153.	9.2	23
26	Coupled heat transfer performance of a high temperature cup shaped porous absorber. <i>Energy Conversion and Management</i> , 2016, 110, 327-337.	9.2	30
27	Enhancing the performance of BICPV systems using phase change materials. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	17
28	Optical and heat transfer performance of a novel non-imaging concentrator. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	2
29	Multiphysics Simulations of a Thermoelectric Generator. <i>Energy Procedia</i> , 2015, 75, 633-638.	1.8	21
30	Dynamics of rising CO <sub>2</sub> bubble plumes in the QICS field experiment. <i>International Journal of Greenhouse Gas Control</i> , 2015, 38, 52-63.	4.6	36
31	Dynamics of rising CO <sub>2</sub> bubble plumes in the QICS field experiment. <i>International Journal of Greenhouse Gas Control</i> , 2015, 38, 44-51.	4.6	31
32	Coupled Simulation of Performance of a Crossed Compound Parabolic Concentrator with Solar Cell. <i>Energy Procedia</i> , 2015, 75, 325-330.	1.8	10
33	Performance modeling and testing of a Building Integrated Concentrating Photovoltaic (BICPV) system. <i>Solar Energy Materials and Solar Cells</i> , 2015, 134, 29-44.	6.2	62
34	Trapping light escaping from the edges of the optical element in a Concentrating Photovoltaic system. <i>Energy Conversion and Management</i> , 2015, 90, 238-246.	9.2	37
35	Performance analysis of a dielectric based 3D building integrated concentrating photovoltaic system. <i>Solar Energy</i> , 2014, 103, 525-540.	6.1	83
36	Performance analysis of a reflective 3D crossed compound parabolic concentrating photovoltaic system for building facade integration. <i>Progress in Photovoltaics: Research and Applications</i> , 2013, 21, 1095-1103.	8.1	34

#	ARTICLE	IF	CITATIONS
37	Optical characterisation and optimisation of a static Window Integrated Concentrating Photovoltaic system. Solar Energy, 2013, 91, 273-282.	6.1	51
38	Optical efficiency study of PV Crossed Compound Parabolic Concentrator. Applied Energy, 2013, 102, 868-876.	10.1	109
39	Design of nonimaging static solar concentrator for window integrated photovoltaic. , 2012, , .		6
40	Optical characterisation of 3-D static solar concentrator. Energy Conversion and Management, 2012, 64, 579-586.	9.2	73
41	Large-scale manufacturing route to metamaterial coatings using thermal spray techniques and their response to solar radiation. Emergent Materials, 0, , 1.	5.7	5
42	A blend of Traditional Visual Symbols in BIPV application; any Prospects?. , 0, , .		1