

# Mirco Muttillo

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6724928/mirco-muttillo-publications-by-year.pdf>

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

148  
citations

7  
h-index

11  
g-index

26  
ext. papers

244  
ext. citations

2.4  
avg, IF

3.1  
L-index

#	Paper	IF	Citations
19	A fully reconfigurable series-parallel photovoltaic module for higher energy yields in urban environments. <i>Renewable Energy</i> , <b>2021</b> , 179, 1-11	8.1	4
18	On Field Infrared Thermography Sensing for PV System Efficiency Assessment: Results and Comparison with Electrical Models. <i>Sensors</i> , <b>2020</b> , 20,	3.8	7
17	Fused-Deposition-Material 3D-Printing Procedure and Algorithm Avoiding Use of Any Supports. <i>Sensors</i> , <b>2020</b> , 20,	3.8	1
16	Spice Model of Photovoltaic Panel for Electronic System Design. <i>Lecture Notes in Electrical Engineering</i> , <b>2020</b> , 425-431	0.2	0
15	Structural Health Monitoring: An IoT Sensor System for Structural Damage Indicator Evaluation. <i>Sensors</i> , <b>2020</b> , 20,	3.8	16
14	Sensor monitoring system for PV plant with active load <b>2019</b> ,		1
13	SPOFBlave Powerlink on FPGA for Smart Sensors and Actuators Interfacing for Industry 4.0 Applications. <i>Energies</i> , <b>2019</b> , 12, 1633	3.1	6
12	Integrated Measuring and Control System for Thermal Analysis of Buildings Components in Hot Box Experiments. <i>Energies</i> , <b>2019</b> , 12, 2053	3.1	8
11	Electronic System for Structural and Environmental Building Monitoring. <i>Lecture Notes in Electrical Engineering</i> , <b>2019</b> , 481-488	0.2	9
10	Structural health continuous monitoring of buildings [A modal parameters identification system <b>2019</b> ,		1
9	A New Simplified Five-Parameter Estimation Method for Single-Diode Model of Photovoltaic Panels. <i>Energies</i> , <b>2019</b> , 12, 4271	3.1	21
8	Effects of energy efficiency measures on building performance: an analysis in seven European cities. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 609, 072076	0.4	1
7	Integrable Sensor System for Live Monitoring of Loudspeaker Performances. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 3-7	0.2	
6	A Novel Electronic Interface for Micromachined Si-Based Photomultipliers. <i>Micromachines</i> , <b>2018</b> , 9,	3.3	15
5	Room and window geometry influence for daylight harvesting maximization [Effects on energy savings in an academic classroom. <i>Energy Procedia</i> , <b>2018</b> , 148, 1090-1097	2.3	23
4	A first approach to universal daylight and occupancy control system for any lamps: Simulated case in an academic classroom. <i>Energy and Buildings</i> , <b>2017</b> , 152, 24-39	7	28
3	A Spherical Directional Anemometer Sensor System. <i>Proceedings (mdpi)</i> , <b>2017</b> , 1, 388	0.3	2

- 2 Automatic Wireless Monitoring System for Real-Time Rock Fall Events. *Proceedings (mdpi)*, **2017**, 1, 569 0.3 2
- 1 Digital Multi-Probe Temperature Monitoring System for Long-Term on Field Measurements. *Proceedings (mdpi)*, **2017**, 1, 596 0.3 2