

# Marilena De Simone

## List of Publications by Year in Descending Order

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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.

35  
papers

680  
citations

18  
h-index

25  
g-index

37  
ext. papers

856  
ext. citations

5.3  
avg, IF

4.29  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 35 | A guideline to document occupant behavior models for advanced building controls. <i>Building and Environment</i> , <b>2022</b> , 219, 109195  | 6.5  | 1         |
| 34 | Surveys and inferential statistics to analyze contextual and personal factors influencing domestic hot water systems and usage profiles in residential buildings of Southern Italy. <i>Energy and Buildings</i> , <b>2021</b> , 255, 111660 | 7    |           |
| 33 | Assessment of probabilistic models to estimate the occupancy state in office buildings using indoor parameters and user-related variables. <i>Energy and Buildings</i> , <b>2021</b> , 246, 111105  | 7    | 5         |
| 32 | Intersecting heuristic adaptive strategies, building design and energy saving intentions when facing discomfort environment: A cross-country analysis. <i>Building and Environment</i> , <b>2021</b> , 204, 108129                          | 6.5  | 0         |
| 31 | Effect of Climate Change and Occupant Behaviour on the Environmental Impact of the Heating and Cooling Systems of a Real Apartment. A Parametric Study through Life Cycle Assessment. <i>Energies</i> , <b>2021</b> , 14, 8356              | 3.1  | 0         |
| 30 | An international review of occupant-related aspects of building energy codes and standards. <i>Building and Environment</i> , <b>2020</b> , 179, 106906   | 6.5  | 38        |
| 29 | A review of select human-building interfaces and their relationship to human behavior, energy use and occupant comfort. <i>Building and Environment</i> , <b>2020</b> , 178, 106920   | 6.5  | 44        |
| 28 | Modeling occupant behavior in buildings. <i>Building and Environment</i> , <b>2020</b> , 174, 106768  | 6.5  | 56        |
| 27 | Culture, conformity, and carbon? A multi-country analysis of heating and cooling practices in office buildings. <i>Energy Research and Social Science</i> , <b>2020</b> , 61, 101344  | 7.7  | 15        |
| 26 | The impacts of building characteristics, social psychological and cultural factors on indoor environment quality productivity belief. <i>Building and Environment</i> , <b>2020</b> , 185, 107189   | 6.5  | 18        |
| 25 | Assessment of the Impact of Occupants Behavior and Climate Change on Heating and Cooling Energy Needs of Buildings. <i>Energies</i> , <b>2020</b> , 13, 6468  | 3.1  | 4         |
| 24 | Occupancy patterns obtained by heuristic approaches: Cluster analysis and logical flowcharts. A case study in a university office. <i>Energy and Buildings</i> , <b>2019</b> , 186, 147-168   | 7    | 12        |
| 23 | Experimental evaluation of the use of fins and metal wool as heat transfer enhancement techniques in a latent heat thermal energy storage system. <i>Energy Conversion and Management</i> , <b>2019</b> , 184, 530-538                      | 10.6 | 43        |
| 22 | On the use of questionnaire in residential buildings. A review of collected data, methodologies and objectives. <i>Energy and Buildings</i> , <b>2019</b> , 186, 297-318  | 7    | 20        |
| 21 | Human-building interaction at work: Findings from an interdisciplinary cross-country survey in Italy. <i>Building and Environment</i> , <b>2018</b> , 132, 147-159  | 6.5  | 27        |
| 20 | Characterization of Glauber Hydrate Salt, Recoverable from the Disposal of Lead Batteries, When Used for Thermal Energy Storage. <i>Advances in Science, Technology and Innovation</i> , <b>2018</b> , 81-83                                | 0.3  |           |
| 19 | Sensing and Data Acquisition <b>2018</b> , 77-105   |      | 9         |

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|----|---|-----|----|
| 18 | Energy consumption of residential buildings and occupancy profiles. A case study in Mediterranean climatic conditions. <i>Energy Efficiency</i> , <b>2018</b> , 11, 121-145   | 3   | 20 |
| 17 | Application of survey on energy consumption and occupancy in residential buildings. An experience in Southern Italy. <i>Energy Procedia</i> , <b>2018</b> , 148, 1082-1089    | 2.3 | 11 |
| 16 | Energy and Hydraulic Performance of a Vegetated Roof in Sub-Mediterranean Climate. <i>Sustainability</i> , <b>2018</b> , 10, 3473   | 3.6 | 11 |
| 15 | Behavioral variables and occupancy patterns in the design and modeling of Nearly Zero Energy Buildings. <i>Building Simulation</i> , <b>2017</b> , 10, 875-888                | 3.9 | 20 |
| 14 | Light scattering methods to test inorganic PCMs for application in buildings. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 251, 012122     | 0.4 | 5  |
| 13 | Thermal and Stability Investigation of Phase Change Material Dispersions for Thermal Energy Storage by T-History and Optical Methods. <i>Energies</i> , <b>2017</b> , 10, 354 | 3.1 | 15 |
| 12 | The Role of the Thermal Mass in nZEB with different Energy Systems. <i>Energy Procedia</i> , <b>2016</b> , 101, 121-128   | 3   | 2  |
| 11 | A new parameter for the dynamic analysis of building walls using the harmonic method. <i>International Journal of Thermal Sciences</i> , <b>2015</b> , 88, 96-109             | 4.1 | 27 |
| 10 | Dynamic Thermal Characteristics of Opaque Building Components. A Proposal for the Extension of EN ISO 13786. <i>Energy Procedia</i> , <b>2015</b> , 78, 3240-3245             | 2.3 | 2  |
| 9  | Behavioral and Physical Factors Influencing Energy Building Performances in Mediterranean Climate. <i>Energy Procedia</i> , <b>2015</b> , 78, 603-608                         | 2.3 | 11 |
| 8  | Analytical model for solidification and melting in a finite PCM in steady periodic regime. <i>International Journal of Heat and Mass Transfer</i> , <b>2015</b> , 88, 844-861 | 4.9 | 27 |
| 7  | Plant cover and floristic composition effect on thermal behaviour of extensive green roofs. <i>Building and Environment</i> , <b>2015</b> , 92, 305-316                       | 6.5 | 56 |
| 6  | Energy and thermo-fluid-dynamics evaluations of photovoltaic panels cooled by water and air. <i>Solar Energy</i> , <b>2014</b> , 105, 147-156                                 | 6.8 | 40 |
| 5  | Solar heat gains and operative temperature in attached sunspaces. <i>Renewable Energy</i> , <b>2012</b> , 39, 241-249   | 8.1 | 43 |
| 4  | Experimental evaluations of the building shell radiant exchange in clear sky conditions. <i>Solar Energy</i> , <b>2012</b> , 86, 1785-1795                                    | 6.8 | 19 |
| 3  | A rational thermodynamic use of liquefied natural gas in a waste incinerator plant. <i>Applied Thermal Engineering</i> , <b>2012</b> , 35, 134-144                            | 5.8 | 27 |
| 2  | An accurate calculation model of solar heat gain through glazed surfaces. <i>Energy and Buildings</i> , <b>2011</b> , 43, 269-274   | 7   | 27 |
| 1  | Evaluation of the absorption coefficient for solar radiation in sunspaces and windowed rooms. <i>Solar Energy</i> , <b>2008</b> , 82, 212-219                                 | 6.8 | 24 |

