

# Neha Gupta

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

10  
papers

140  
citations

7  
h-index

11  
g-index

11  
ext. papers

172  
ext. citations

4.2  
avg, IF

3.38  
L-index

#	Paper	IF	Citations
10	Parametric study to understand the effect of various passive cooling concepts on building integrated semitransparent photovoltaic thermal system. <i>Solar Energy</i> , <b>2019</b> , 180, 391-400	6.8	8
9	Effect of water flow on building integrated semitransparent photovoltaic thermal system with heat capacity. <i>Sustainable Cities and Society</i> , <b>2018</b> , 39, 708-718	10.1	13
8	Effect of heat capacity on monthly and yearly exergy performance of building integrated semitransparent photovoltaic thermal system. <i>Journal of Renewable and Sustainable Energy</i> , <b>2017</b> , 9, 023506	2.5	4
7	A thermal model of hybrid cooling systems for building integrated semitransparent photovoltaic thermal system. <i>Solar Energy</i> , <b>2017</b> , 153, 486-498	6.8	19
6	New model for building-integrated semitransparent photovoltaic thermal system. <i>Journal of Renewable and Sustainable Energy</i> , <b>2017</b> , 9, 043504	2.5	7
5	Energy Matrices of Building Integrated Photovoltaic Thermal Systems: Case Study. <i>Journal of Architectural Engineering</i> , <b>2017</b> , 23, 05017006	1.5	9
4	Exergy analysis of building integrated semitransparent photovoltaic thermal (BiSPVT) system <b>2017</b> , 20, 41-50		8
3	Review of passive heating/cooling systems of buildings. <i>Energy Science and Engineering</i> , <b>2016</b> , 4, 305-333	3.4	44
2	Periodic theory of building integrated photovoltaic thermal (BiPVT) system. <i>Solar Energy</i> , <b>2016</b> , 125, 373-380	6.8	27
1	Effect of movable insulation on performance of the Building integrated Semi-transparent Photovoltaic Thermal (BiSPVT) system for harsh cold climatic conditions: a case study. <i>International Journal of Ambient Energy</i> , 1-15	2	0