

Milorad L Bojic

List of Publications by Citations

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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.

46
papers

1,432
citations

21
h-index

37
g-index

50
ext. papers

1,586
ext. citations

6
avg, IF

4.54
L-index

#	Paper	IF	Citations
46	Artificial neural networks for the prediction of the energy consumption of a passive solar building. <i>Energy</i> , 2000 , 25, 479-491	7.9	323
45	Influence of thermal insulation position in building envelope on the space cooling of high-rise residential buildings in Hong Kong. <i>Energy and Buildings</i> , 2001 , 33, 569-581	7	101
44	Optimizing energy and environmental performance of passive Trombe wall. <i>Energy and Buildings</i> , 2014 , 70, 279-286	7	82
43	Toward a positive-net-energy residential building in Serbian conditions. <i>Applied Energy</i> , 2011 , 88, 2407-2419	7.9	68
42	Thermal insulation of cooled spaces in high rise residential buildings in Hong Kong. <i>Energy Conversion and Management</i> , 2002 , 43, 165-183	10.6	62
41	Numerical simulation, technical and economic evaluation of air-to-earth heat exchanger coupled to a building. <i>Energy</i> , 1997 , 22, 1151-1158	7.9	61
40	A practical approach to the optimization of gear trains with spur gears. <i>Mechanism and Machine Theory</i> , 2012 , 53, 1-16	4	54
39	Cooling energy evaluation for high-rise residential buildings in Hong Kong. <i>Energy and Buildings</i> , 2005 , 37, 345-351	7	53
38	Performances of low temperature radiant heating systems. <i>Energy and Buildings</i> , 2013 , 61, 233-238	7	48
37	Energy performance of windows in high-rise residential buildings in Hong Kong. <i>Energy and Buildings</i> , 2002 , 34, 71-82	7	40
36	Locating air-conditioners and furniture inside residential flats to obtain good thermal comfort. <i>Energy and Buildings</i> , 2002 , 34, 745-751	7	40
35	Energy from a two-pipe, earth-to-air heat exchanger. <i>Energy</i> , 1999 , 24, 519-523	7.9	39
34	Simulation of a solar domestic water heating system using a time marching model. <i>Renewable Energy</i> , 2002 , 27, 441-452	8.1	36
33	Optimization of thermal insulation to achieve energy savings in low energy house (refurbishment). <i>Energy Conversion and Management</i> , 2014 , 84, 681-690	10.6	34
32	Energy, cost, and CO2 emission comparison between radiant wall panel systems and radiator systems. <i>Energy and Buildings</i> , 2012 , 54, 496-502	7	31
31	The impact of the mean daily air temperature change on electricity consumption. <i>Energy</i> , 2015 , 88, 604-609	7.9	30
30	Application of advanced glazing to high-rise residential buildings in Hong Kong. <i>Building and Environment</i> , 2007 , 42, 820-828	6.5	29

29	Photovoltaic electricity production of a grid-connected urban house in Serbia. <i>Energy Policy</i> , 2006 , 34, 2941-2948	7.2	27
28	Wind-induced pressure at external surfaces of a high-rise residential building in Hong Kong. <i>Building and Environment</i> , 2005 , 40, 765-777	6.5	27
27	Energy saving does not yield CO2 emissions reductions: the case of waste fuel use in a steel mill. <i>Applied Thermal Engineering</i> , 2000 , 20, 963-975	5.8	27
26	Decreasing energy use and influence to environment by radiant panel heating using different energy sources. <i>Applied Energy</i> , 2015 , 138, 404-413	10.7	23
25	A simulation appraisal of performance of different HVAC systems in an office building. <i>Energy and Buildings</i> , 2011 , 43, 1207-1215	7	20
24	Decreasing energy consumption in thermally non-insulated old house via refurbishment. <i>Energy and Buildings</i> , 2012 , 54, 503-510	7	19
23	Education and training in renewable energy sources in Serbia and Montenegro. <i>Renewable Energy</i> , 2004 , 29, 1631-1642	8.1	18
22	Optimizing performances of photovoltaics in Reunion Island tilt angle. <i>Progress in Photovoltaics: Research and Applications</i> , 2012 , 20, 923-935	6.8	17
21	Achieving net zero energy cost house from old thermally non-insulated house using photovoltaic panels. <i>Energy and Buildings</i> , 2014 , 76, 57-63	7	16
20	Application of switchable glazing to high-rise residential buildings in Hong Kong. <i>Energy and Buildings</i> , 2006 , 38, 463-471	7	16
19	Optimization of thermal insulation of a house heated by using radiant panels. <i>Energy and Buildings</i> , 2014 , 85, 329-336	7	14
18	Application of overhangs and side fins to high-rise residential buildings in Hong Kong. <i>Civil Engineering and Environmental Systems</i> , 2006 , 23, 271-285	2.1	14
17	A simulation appraisal of a switch of district to electric heating due to increased heat efficiency in an office building. <i>Energy and Buildings</i> , 2012 , 50, 324-330	7	10
16	Maximizing performances of variable tilt flat-plate solar collectors for Belgrade (Serbia). <i>Journal of Renewable and Sustainable Energy</i> , 2013 , 5, 041820	2.5	9
15	Evaluation of the impact of internal partitions on energy conservation for residential buildings in Serbia. <i>Building and Environment</i> , 2007 , 42, 1644-1653	6.5	9
14	Influence of additional storey construction to space heating of a residential building. <i>Energy and Buildings</i> , 2012 , 54, 511-518	7	7
13	Comparison of optical performances of sea-shell trough solar concentrators. <i>Energy and Buildings</i> , 2015 , 98, 144-150	7	6
12	Influence of duration of thermal comfort provision on heating behavior of buildings. <i>Energy Conversion and Management</i> , 2007 , 48, 2416-2423	10.6	6

11	Application of COMIS software for ventilation study in a typical building in Serbia. <i>Building and Environment</i> , 2006 , 41, 12-20	6.5	5
10	WILL RENEWABLE ENERGY SAVE OUR PLANET? 2010 ,		3
9	Development and investigation of solar collectors for conversion of solar radiation into heat and/or electricity. <i>Thermal Science</i> , 2006 , 10, 177-187	1.2	2
8	Optical simulation of a solar parabolic collector using ray-tracing software TracePro 2014 ,		2
7	Optimization of geometry of horizontal roof overhangs during a summer season. <i>Energy Efficiency</i> , 2017 , 10, 41-54	3	1
6	Inter unit heat flows in a residence during district heating in a multistory residential building. <i>Building Simulation</i> , 2015 , 8, 529-542	3.9	1
5	Optimization of photovoltaics panels area at Serbian zero-net energy building. <i>Journal of Renewable and Sustainable Energy</i> , 2013 , 5, 041819	2.5	1
4	PERFORMANCE OF SINGLE-STAGE ROTATING BIOLOGICAL CONTACTOR WITH SUPPLEMENTAL AERATION. <i>Environmental Engineering and Management Journal</i> , 2014 , 13, 681-688	0.6	0
3	ENVIRONMENTAL IMPACTS OF THE ELECTROMAGNETIC FIELD LEVELS NEAR OVERHEAD TRANSMISSION LINES. <i>Environmental Engineering and Management Journal</i> , 2014 , 13, 627-633	0.6	0
2	Preface to Special Issue: Renewable Energy in South-Eastern Europe. <i>Journal of Renewable and Sustainable Energy</i> , 2013 , 5, 041701	2.5	
1	Energy sustainable development through energy efficient heating devices and buildings. <i>International Journal of Nuclear Governance, Economy and Ecology</i> , 2006 , 1, 35	0.3	