

# Milorad L Bojic

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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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	Optimization of geometry of horizontal roof overhangs during a summer season. <i>Energy Efficiency</i> , <b>2017</b> , 10, 41-54	3	1
45	The impact of the mean daily air temperature change on electricity consumption. <i>Energy</i> , <b>2015</b> , 88, 604-609	7.9	30
44	Comparison of optical performances of sea-shell trough solar concentrators. <i>Energy and Buildings</i> , <b>2015</b> , 98, 144-150	7	6
43	Decreasing energy use and influence to environment by radiant panel heating using different energy sources. <i>Applied Energy</i> , <b>2015</b> , 138, 404-413	10.7	23
42	Inter unit heat flows in a residence during district heating in a multistory residential building. <i>Building Simulation</i> , <b>2015</b> , 8, 529-542	3.9	1
41	Optimizing energy and environmental performance of passive Trombe wall. <i>Energy and Buildings</i> , <b>2014</b> , 70, 279-286	7	82
40	Optimization of thermal insulation of a house heated by using radiant panels. <i>Energy and Buildings</i> , <b>2014</b> , 85, 329-336	7	14
39	Achieving net zero energy cost house from old thermally non-insulated house using photovoltaic panels. <i>Energy and Buildings</i> , <b>2014</b> , 76, 57-63	7	16
38	Optimization of thermal insulation to achieve energy savings in low energy house (refurbishment). <i>Energy Conversion and Management</i> , <b>2014</b> , 84, 681-690	10.6	34
37	Optical simulation of a solar parabolic collector using ray-tracing software TracePro <b>2014</b> ,		2
36	PERFORMANCE OF SINGLE-STAGE ROTATING BIOLOGICAL CONTACTOR WITH SUPPLEMENTAL AERATION. <i>Environmental Engineering and Management Journal</i> , <b>2014</b> , 13, 681-688	0.6	0
35	ENVIRONMENTAL IMPACTS OF THE ELECTROMAGNETIC FIELD LEVELS NEAR OVERHEAD TRANSMISSION LINES. <i>Environmental Engineering and Management Journal</i> , <b>2014</b> , 13, 627-633	0.6	0
34	Maximizing performances of variable tilt flat-plate solar collectors for Belgrade (Serbia). <i>Journal of Renewable and Sustainable Energy</i> , <b>2013</b> , 5, 041820	2.5	9
33	Performances of low temperature radiant heating systems. <i>Energy and Buildings</i> , <b>2013</b> , 61, 233-238	7	48
32	Preface to Special Issue: Renewable Energy in South-Eastern Europe. <i>Journal of Renewable and Sustainable Energy</i> , <b>2013</b> , 5, 041701	2.5	
31	Optimization of photovoltaics panels area at Serbian zero-net energy building. <i>Journal of Renewable and Sustainable Energy</i> , <b>2013</b> , 5, 041819	2.5	1
30	A practical approach to the optimization of gear trains with spur gears. <i>Mechanism and Machine Theory</i> , <b>2012</b> , 53, 1-16	4	54

29	Influence of additional storey construction to space heating of a residential building. <i>Energy and Buildings</i> , <b>2012</b> , 54, 511-518	7	7
28	Decreasing energy consumption in thermally non-insulated old house via refurbishment. <i>Energy and Buildings</i> , <b>2012</b> , 54, 503-510	7	19
27	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> , <b>2012</b> , 50, 324-330	7	10
26	Energy, cost, and CO2 emission comparison between radiant wall panel systems and radiator systems. <i>Energy and Buildings</i> , <b>2012</b> , 54, 496-502	7	31
25	Optimizing performances of photovoltaics in Reunion Island tilt angle. <i>Progress in Photovoltaics: Research and Applications</i> , <b>2012</b> , 20, 923-935	6.8	17
24	A simulation appraisal of performance of different HVAC systems in an office building. <i>Energy and Buildings</i> , <b>2011</b> , 43, 1207-1215	7	20
23	Toward a positive-net-energy residential building in Serbian conditions. <i>Applied Energy</i> , <b>2011</b> , 88, 2407-2419	7	68
22	WILL RENEWABLE ENERGY SAVE OUR PLANET? <b>2010</b> ,		3
21	Evaluation of the impact of internal partitions on energy conservation for residential buildings in Serbia. <i>Building and Environment</i> , <b>2007</b> , 42, 1644-1653	6.5	9
20	Influence of duration of thermal comfort provision on heating behavior of buildings. <i>Energy Conversion and Management</i> , <b>2007</b> , 48, 2416-2423	10.6	6
19	Application of advanced glazing to high-rise residential buildings in Hong Kong. <i>Building and Environment</i> , <b>2007</b> , 42, 820-828	6.5	29
18	Application of overhangs and side fins to high-rise residential buildings in Hong Kong. <i>Civil Engineering and Environmental Systems</i> , <b>2006</b> , 23, 271-285	2.1	14
17	Energy sustainable development through energy efficient heating devices and buildings. <i>International Journal of Nuclear Governance, Economy and Ecology</i> , <b>2006</b> , 1, 35	0.3	
16	Application of switchable glazing to high-rise residential buildings in Hong Kong. <i>Energy and Buildings</i> , <b>2006</b> , 38, 463-471	7	16
15	Application of COMIS software for ventilation study in a typical building in Serbia. <i>Building and Environment</i> , <b>2006</b> , 41, 12-20	6.5	5
14	Photovoltaic electricity production of a grid-connected urban house in Serbia. <i>Energy Policy</i> , <b>2006</b> , 34, 2941-2948	7.2	27
13	Development and investigation of solar collectors for conversion of solar radiation into heat and/or electricity. <i>Thermal Science</i> , <b>2006</b> , 10, 177-187	1.2	2
12	Cooling energy evaluation for high-rise residential buildings in Hong Kong. <i>Energy and Buildings</i> , <b>2005</b> , 37, 345-351	7	53

11	Wind-induced pressure at external surfaces of a high-rise residential building in Hong Kong. <i>Building and Environment</i> , <b>2005</b> , 40, 765-777	6.5	27
10	Education and training in renewable energy sources in Serbia and Montenegro. <i>Renewable Energy</i> , <b>2004</b> , 29, 1631-1642	8.1	18
9	Thermal insulation of cooled spaces in high rise residential buildings in Hong Kong. <i>Energy Conversion and Management</i> , <b>2002</b> , 43, 165-183	10.6	62
8	Simulation of a solar domestic water heating system using a time marching model. <i>Renewable Energy</i> , <b>2002</b> , 27, 441-452	8.1	36
7	Energy performance of windows in high-rise residential buildings in Hong Kong. <i>Energy and Buildings</i> , <b>2002</b> , 34, 71-82	7	40
6	Locating air-conditioners and furniture inside residential flats to obtain good thermal comfort. <i>Energy and Buildings</i> , <b>2002</b> , 34, 745-751	7	40
5	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> , <b>2001</b> , 33, 569-581	7	101
4	Energy saving does not yield CO2 emissions reductions: the case of waste fuel use in a steel mill. <i>Applied Thermal Engineering</i> , <b>2000</b> , 20, 963-975	5.8	27
3	Artificial neural networks for the prediction of the energy consumption of a passive solar building. <i>Energy</i> , <b>2000</b> , 25, 479-491	7.9	323
2	Energy from a two-pipe, earth-to-air heat exchanger. <i>Energy</i> , <b>1999</b> , 24, 519-523	7.9	39
1	Numerical simulation, technical and economic evaluation of air-to-earth heat exchanger coupled to a building. <i>Energy</i> , <b>1997</b> , 22, 1151-1158	7.9	61