Milorad L Bojic

List of Publications by Year
in descending order

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47 papers	1,781 citations	279487 23 h-index	264894 42 g-index
50 all docs	50 docs citations	50 times ranked	1722 citing authors

#	Article	IF	Citations
1	Artificial neural networks for the prediction of the energy consumption of a passive solar building. Energy, 2000, 25, 479-491.	4.5	402
2	Influence of thermal insulation position in building envelope on the space cooling of high-rise residential buildings in Hong Kong. Energy and Buildings, 2001, 33, 569-581.	3.1	116
3	Optimizing energy and environmental performance of passive Trombe wall. Energy and Buildings, 2014, 70, 279-286.	3.1	115
4	Toward a positive-net-energy residential building in Serbian conditions. Applied Energy, 2011, 88, 2407-2419.	5.1	75
5	Thermal insulation of cooled spaces in high rise residential buildings in Hong Kong. Energy Conversion and Management, 2002, 43, 165-183.	4.4	70
6	Numerical simulation, technical and economic evaluation of air-to-earth heat exchanger coupled to a building. Energy, 1997, 22, 1151-1158.	4.5	69
7	A practical approach to the optimization of gear trains with spur gears. Mechanism and Machine Theory, 2012, 53, 1-16.	2.7	69
8	Cooling energy evaluation for high-rise residential buildings in Hong Kong. Energy and Buildings, 2005, 37, 345-351.	3.1	62
9	Performances of low temperature radiant heating systems. Energy and Buildings, 2013, 61, 233-238.	3.1	59
10	Locating air-conditioners and furniture inside residential flats to obtain good thermal comfort. Energy and Buildings, 2002, 34, 745-751.	3.1	48
11	Energy from a two-pipe, earth-to-air heat exchanger. Energy, 1999, 24, 519-523.	4.5	47
12	Energy performance of windows in high-rise residential buildings in Hong Kong. Energy and Buildings, 2002, 34, 71-82.	3.1	47
13	The impact of the mean daily air temperature change on electricity consumption. Energy, 2015, 88, 604-609.	4.5	46
14	Energy, cost, and CO2 emission comparison between radiant wall panel systems and radiator systems. Energy and Buildings, 2012, 54, 496-502.	3.1	44
15	Optimization of thermal insulation to achieve energy savings in low energy house (refurbishment). Energy Conversion and Management, 2014, 84, 681-690.	4.4	42
16	Simulation of a solar domestic water heating system using a time marching model. Renewable Energy, 2002, 27, 441-452.	4.3	41
17	Wind-induced pressure at external surfaces of a high-rise residential building in Hong Kong. Building and Environment, 2005, 40, 765-777.	3.0	37
18	Application of advanced glazing to high-rise residential buildings in Hong Kong. Building and Environment, 2007, 42, 820-828.	3.0	37

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19	Energy saving does not yield CO2 emissions reductions: the case of waste fuel use in a steel mill. Applied Thermal Engineering, 2000, 20, 963-975.	3.0	35
20	Photovoltaic electricity production of a grid-connected urban house in Serbia. Energy Policy, 2006, 34, 2941-2948.	4.2	31
21	Decreasing energy use and influence to environment by radiant panel heating using different energy sources. Applied Energy, 2015, 138, 404-413.	5.1	29
22	A simulation appraisal of performance of different HVAC systems in an office building. Energy and Buildings, 2011, 43, 1207-1215.	3.1	26
23	Education and training in renewable energy sources in Serbia and Montenegro. Renewable Energy, 2004, 29, 1631-1642.	4.3	25
24	Achieving net zero energy cost house from old thermally non-insulated house using photovoltaic panels. Energy and Buildings, 2014, 76, 57-63.	3.1	24
25	Decreasing energy consumption in thermally non-insulated old house via refurbishment. Energy and Buildings, 2012, 54, 503-510.	3.1	23
26	Optimizing performances of photovoltaics in Reunion Islandâ€”tilt angle. Progress in Photovoltaics: Research and Applications, 2012, 20, 923-935.	4.4	23
27	Application of switchable glazing to high-rise residential buildings in Hong Kong. Energy and Buildings, 2006, 38, 463-471.	3.1	22
28	Optimization of thermal insulation of a house heated by using radiant panels. Energy and Buildings, 2014, 85, 329-336.	3.1	21
29	Application of overhangs and side fins to high-rise residential buildings in Hong Kong. Civil Engineering and Environmental Systems, 2006, 23, 271-285.	0.4	14
30	A simulation appraisal of a switch of district to electric heating due to increased heat efficiency in an office building. Energy and Buildings, 2012, 50, 324-330.	3.1	13
31	Application of COMIS software for ventilation study in a typical building in Serbia. Building and Environment, 2006, 41, 12-20.	3.0	10
32	Evaluation of the impact of internal partitions on energy conservation for residential buildings in Serbia. Building and Environment, 2007, 42, 1644-1653.	3.0	10
33	Maximizing performances of variable tilt flat-plate solar collectors for Belgrade (Serbia). Journal of Renewable and Sustainable Energy, 2013, 5, 041820.	0.8	9
34	Influence of additional storey construction to space heating of a residential building. Energy and Buildings, 2012, 54, 511-518.	3.1	8
35	Comparison of optical performances of sea-shell trough solar concentrators. Energy and Buildings, 2015, 98, 144-150.	3.1	7
36	Influence of duration of thermal comfort provision on heating behavior of buildings. Energy Conversion and Management, 2007, 48, 2416-2423.	4.4	6

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37	Development and investigation of solar collectors for conversion of solar radiation into heat and/or electricity. Thermal Science, 2006, 10, 177-187.	0.5	6
38	Optical simulation of a solar parabolic collector using ray-tracing software TracePro. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	4
39	WILL RENEWABLE ENERGY SAVE OUR PLANET?. , 2010, , .		3
40	Optimization of photovoltaics panels area at Serbian zero-net energy building. Journal of Renewable and Sustainable Energy, 2013, 5, .	0.8	1
41	Inter unit heat flows in a residence during district heating in a multistory residential building. Building Simulation, 2015, 8, 529-542.	3.0	1
42	Optimization of geometry of horizontal roof overhangs during a summer season. Energy Efficiency, 2017, 10, 41-54.	1.3	1
43	PERFOMANCE OF SINGLE-STAGE ROTATING BIOLOGICAL CONTACTOR WITH SUPPLEMENTAL AERATION. Environmental Engineering and Management Journal, 2014, 13, 681-688.	0.2	1
44	ENVIRONMENTAL IMPACTS OF THE ELECTROMAGNETIC FIELD LEVELS NEAR OVERHEAD TRANSMISSION LINES. Environmental Engineering and Management Journal, 2014, 13, 627-633.	0.2	1
45	Energy sustainable development through energy efficient heating devices and buildings. International Journal of Nuclear Governance, Economy and Ecology, 2006, 1, 35.	0.2	0
46	Preface to Special Issue: Renewable Energy in South-Eastern Europe. Journal of Renewable and Sustainable Energy, 2013, 5, 041701.	0.8	0
47	Energy sustainable development through energy efficient heating devices and buildings. International Journal of Nuclear Governance, Economy and Ecology, 2005, 1, 35.	0.2	0