Vojislav Novakovic

List of Publications by Year
in descending order

22 papers	604 citations	758635 12 h-index	713013 21 g-index
22 all docs	22 docs citations	22 times ranked	670 citing authors

#	Article	IF	Citations
1	Hybrid artificial intelligence model for prediction of heating energy use. Thermal Science, 2022, 26, 705-716.	0.5	1
2	Co-generation ability investigation of the novel structured PVT heat pump system and its effect on the "Carbon neutral" strategy of Shanghai. Energy, 2022, 239, 121863.	4.5	28
3	Efficient approaches for harvesting solar energy in cogeneration: a review. , 2022, 1, .		2
4	Comparative study on shading performance of MHP-PV/T inside and outside Chinese greenhouse in winter. Solar Energy, 2022, 240, 269-279.	2.9	10
5	Two-phase flow investigation in channel design of the roll-bond cooling component for solar assisted PVT heat pump application. Energy Conversion and Management, 2021, 235, 113988.	4.4	33
6	Non-Intrusive Data Monitoring and Analysis of Occupant Energy-Use Behaviors in Shared Office Spaces. IEEE Access, 2020, 8, 141246-141257.	2.6	7
7	Building occupant transient agent-based model – Movement module. Applied Energy, 2020, 261, 114417.	5.1	15
8	Occupant-centric miscellaneous electric loads prediction in buildings using state-of-the-art deep learning methods. Applied Energy, 2020, 269, 115135.	5.1	43
9	Support vector machine for the prediction of heating energy use. Thermal Science, 2018, 22, 1171-1181.	0.5	8
10	Occupant migration monitoring in residential buildings with the use of a depth registration camera. Procedia Engineering, 2017, 205, 1193-1200.	1.2	9
11	Influence of occupant's behavior on heating needs and energy system performance: A case of well-insulated detached houses in cold climates. Building Simulation, 2015, 8, 499-513.	3.0	31
12	Advanced control of heat pumps for improved flexibility of Net-ZEB towards the grid. Energy and Buildings, 2014, 69, 74-84.	3.1	100
13	On the proper integration of wood stoves in passive houses under cold climates. Energy and Buildings, 2014, 72, 87-95.	3.1	25
14	On the proper integration of wood stoves in passive houses: Investigation using detailed dynamic simulations. Energy and Buildings, 2013, 59, 203-213.	3.1	19
15	Improved measurements for better decision on heat recovery solutions with heat pumps. International Journal of Refrigeration, 2012, 35, 1558-1569.	1.8	5
16	Lifetime commissioning as a tool to achieve energy-efficient solutions. International Journal of Energy Research, 2012, 36, 987-999.	2.2	1
17	Identifying important variables of energy use in low energy office building by using multivariate analysis. Energy and Buildings, 2012, 45, 91-98.	3.1	40
18	Data fusion heat pump performance estimation. Energy and Buildings, 2011, 43, 621-630.	3.1	8

#	Article	IF	Citations
19	Correlation between standards and the lifetime commissioning. Energy and Buildings, 2010, 42, 510-521.	3.1	10
20	Review of possibilities and necessities for building lifetime commissioning. Renewable and Sustainable Energy Reviews, 2009, 13, 486-492.	8.2	53
21	Heating system performance estimation using optimization tool and BEMS data. Energy and Buildings, 2008, 40, 1367-1376.	3.1	26
22	Optimization of energy consumption in buildings with hydronic heating systems considering thermal comfort by use of computer-based tools. Energy and Buildings, 2007, 39, 471-477.	3.1	130