

Vojislav Novakovic

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

604
citations

758635

12
h-index

713013

21
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22
all docs

22
docs citations

22
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of energy consumption in buildings with hydronic heating systems considering thermal comfort by use of computer-based tools. <i>Energy and Buildings</i> , 2007, 39, 471-477.	3.1	130
2	Advanced control of heat pumps for improved flexibility of Net-ZEB towards the grid. <i>Energy and Buildings</i> , 2014, 69, 74-84.	3.1	100
3	Review of possibilities and necessities for building lifetime commissioning. <i>Renewable and Sustainable Energy Reviews</i> , 2009, 13, 486-492.	8.2	53
4	Occupant-centric miscellaneous electric loads prediction in buildings using state-of-the-art deep learning methods. <i>Applied Energy</i> , 2020, 269, 115135.	5.1	43
5	Identifying important variables of energy use in low energy office building by using multivariate analysis. <i>Energy and Buildings</i> , 2012, 45, 91-98.	3.1	40
6	Two-phase flow investigation in channel design of the roll-bond cooling component for solar assisted PVT heat pump application. <i>Energy Conversion and Management</i> , 2021, 235, 113988.	4.4	33
7	Influence of occupant's behavior on heating needs and energy system performance: A case of well-insulated detached houses in cold climates. <i>Building Simulation</i> , 2015, 8, 499-513.	3.0	31
8	Co-generation ability investigation of the novel structured PVT heat pump system and its effect on the "Carbon neutral" strategy of Shanghai. <i>Energy</i> , 2022, 239, 121863.	4.5	28
9	Heating system performance estimation using optimization tool and BEMS data. <i>Energy and Buildings</i> , 2008, 40, 1367-1376.	3.1	26
10	On the proper integration of wood stoves in passive houses under cold climates. <i>Energy and Buildings</i> , 2014, 72, 87-95.	3.1	25
11	On the proper integration of wood stoves in passive houses: Investigation using detailed dynamic simulations. <i>Energy and Buildings</i> , 2013, 59, 203-213.	3.1	19
12	Building occupant transient agent-based model "Movement module. <i>Applied Energy</i> , 2020, 261, 114417.	5.1	15
13	Correlation between standards and the lifetime commissioning. <i>Energy and Buildings</i> , 2010, 42, 510-521.	3.1	10
14	Comparative study on shading performance of MHP-PV/T inside and outside Chinese greenhouse in winter. <i>Solar Energy</i> , 2022, 240, 269-279.	2.9	10
15	Occupant migration monitoring in residential buildings with the use of a depth registration camera. <i>Procedia Engineering</i> , 2017, 205, 1193-1200.	1.2	9
16	Data fusion heat pump performance estimation. <i>Energy and Buildings</i> , 2011, 43, 621-630.	3.1	8
17	Support vector machine for the prediction of heating energy use. <i>Thermal Science</i> , 2018, 22, 1171-1181.	0.5	8
18	Non-Intrusive Data Monitoring and Analysis of Occupant Energy-Use Behaviors in Shared Office Spaces. <i>IEEE Access</i> , 2020, 8, 141246-141257.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Improved measurements for better decision on heat recovery solutions with heat pumps. International Journal of Refrigeration, 2012, 35, 1558-1569.	1.8	5
20	Efficient approaches for harvesting solar energy in cogeneration: a review. , 2022, 1, .		2
21	Lifetime commissioning as a tool to achieve energy-efficient solutions. International Journal of Energy Research, 2012, 36, 987-999.	2.2	1
22	Hybrid artificial intelligence model for prediction of heating energy use. Thermal Science, 2022, 26, 705-716.	0.5	1