Marko G IgnjatoviÄ

List of Publications by Year
in descending order

22	199	1163117 8	1058476 14
papers	citations	h-index	g-index

22	22	22	197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental research of the thermal characteristics of a multi-storey naturally ventilated double skin faÃ§ade. Energy and Buildings, 2015, 86, 766-781.	6.7	51
2	Greenhouse gases emission assessment in residential sector through buildings simulations and operation optimization. Energy, 2015, 92, 420-434.	8.8	30
3	Cost-optimal energy retrofit for Serbian residential buildings connected to district heating systems. Thermal Science, 2019, 23, 1707-1717.	1.1	20
4	Exergy and exergoeconomic analysis of a steam boiler. Thermal Science, 2018, 22, 1601-1612.	1.1	15
5	Thermally activated building systems in context of increasing building energy efficiency. Thermal Science, 2014, 18, 1011-1018.	1.1	13
6	Influence of glazing types and ventilation principles in double skin faÃ§ades on delivered heating and cooling energy during heating season in an office building. Thermal Science, 2012, 16, 461-469.	1.1	12
7	Explainable heat demand forecasting for the novel control strategies of district heating systems. Annual Reviews in Control, 2022, 53, 405-413.	7.9	12
8	Sensitivity analysis for daily building operation from the energy and thermal comfort standpoint. Thermal Science, 2016, 20, 1485-1500.	1.1	10
9	Improving thermal stability and reduction of energy consumption by implementing Trombe wall construction in the process of building design: The Serbia region. Thermal Science, 2018, 22, 2355-2365.	1.1	6
10	Towards explainable AI-assisted operations in District Heating Systems. IFAC-PapersOnLine, 2021, 54, 390-395.	0.9	6
11	Effects of implementation of co-generation in the district heating system of the Faculty of Mechanical Engineering in Nis. Thermal Science, 2010, 14, 41-51.	1.1	4
12	Optimization of operation of energy supply systems with co-generation and absorption refrigeration. Thermal Science, 2012, 16, 409-422.	1.1	4
13	Investigation of a passive design approach for a building facility: a case study. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-19.	2.3	4
14	Impact of orientation and building envelope characteristics on energy consumption case study of office building in city of Nis. Thermal Science, 2018, 22, 1499-1509.	1.1	2
15	Comparative exergetic performance analysis for certain thermal power plants in Serbia. Thermal Science, 2016, 20, 1259-1269.	1.1	2
16	Impact of trombe wall construction on thermal comfort and building energy consumption. Facta Universitatis - Series Architecture and Civil Engineering, 2018, 16, 279-292.	0.2	2
17	Air-source heat pump performance comparison in different real operational conditions based on advanced exergy and exergoeconomic approach. Thermal Science, 2021, 25, 1849-1866.	1.1	2
18	Energy performance of air conditioned buildings based on short-term weather forecast. E3S Web of Conferences, 2019, 111, 04045.	0.5	1

#	Article	IF	Citations
19	Classification of retrofit measures for residential buildings according to the global cost. Thermal Science, 2021, 25, 2677-2689.	1.1	1
20	Energy performance of air-conditioned buildings based on short-term weather forecast. Science and Technology for the Built Environment, 0, , 1-18.	1.7	1
21	Improving the energy efficiency of school buildings by using passive design systems. , 2020, , .		1
22	Effect of external solar shading usage on energy consumption and thermal comfort in the student dormitory in NiÅ¡. E3S Web of Conferences, 2019, 111, 03050.	0.5	0