

Milan Despotovic

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

907
citations

840776

11
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Review and statistical analysis of different global solar radiation sunshine models. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 52, 1869-1880.	16.4	276
2	Evaluation of empirical models for predicting monthly mean horizontal diffuse solar radiation. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 56, 246-260.	16.4	240
3	Comparison of optimum tilt angles of solar collectors determined at yearly, seasonal and monthly levels. <i>Energy Conversion and Management</i> , 2015, 97, 121-131.	9.2	94
4	Comparison of classical statistical methods and artificial neural network in traffic noise prediction. <i>Environmental Impact Assessment Review</i> , 2014, 49, 24-30.	9.2	74
5	Route optimization to increase energy efficiency and reduce fuel consumption of communal vehicles. <i>Thermal Science</i> , 2010, 14, 67-78.	1.1	42
6	Economic, social and environmental dimension of sustainable competitiveness of European countries. <i>Journal of Environmental Planning and Management</i> , 2016, 59, 1656-1678.	4.5	41
7	Energy, exergy, and economic analyses of integration of heliostat solar receiver to gas and air bottom cycles. <i>Journal of Cleaner Production</i> , 2021, 280, 124322.	9.3	37
8	Data mining with various optimization methods. <i>Expert Systems With Applications</i> , 2014, 41, 3993-3999.	7.6	25
9	Solar irradiance short-term prediction under meteorological uncertainties: survey hybrid artificial intelligent basis music-inspired optimization models. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	13
10	An overview of the regulatory framework for the geothermal energy in Europe and Serbia. <i>Thermal Science</i> , 2010, 14, 115-123.	1.1	12
11	The influence of the magnetic field on the ionized gas flow adjacent to the porous wall. <i>Thermal Science</i> , 2010, 14, 183-196.	1.1	11
12	Evaluation of the impact of internal partitions on energy conservation for residential buildings in Serbia. <i>Building and Environment</i> , 2007, 42, 1644-1653.	6.9	10
13	About creation and reached goals of development policy in the area of energy efficiency, environmental protection and sustainable development in the city of Kragujevac. <i>Thermal Science</i> , 2010, 14, 1-14.	1.1	9
14	Social Aspects of Sustainable Competitiveness in the Selected European Countries in the Period 2012-2015. <i>Social Indicators Research</i> , 2019, 141, 841-860.	2.7	7
15	Influence of duration of thermal comfort provision on heating behavior of buildings. <i>Energy Conversion and Management</i> , 2007, 48, 2416-2423.	9.2	6
16	Analysis of different scenarios of car paint oven redesign to achieve desired indoor air temperature. <i>Energy Efficiency</i> , 2018, 11, 877-891.	2.8	4
17	Determination analysis of temperature regimes, functional characteristics and sliding curves of a hydrodynamic clutch. <i>Thermal Science</i> , 2010, 14, 247-258.	1.1	2
18	Innovation of IT metasystems by means of event-driven paradigm using QDMS. <i>Enterprise Information Systems</i> , 2016, 10, 893-910.	4.7	2

#	ARTICLE	IF	CITATIONS
19	Overview of a new method for designing high efficiency small hydro power plants. Thermal Science, 2010, 14, 155-169.	1.1	1
20	Improved performances of the wind inlet of the Savonius rotor. Military Technical Courier, 2017, 65, 499-512.	0.7	1