

# DuÅ;an GordiÄ

## List of Publications by Year in descending order

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38  
papers

403  
citations

933447

10  
h-index

794594

19  
g-index

38  
all docs

38  
docs citations

38  
times ranked

514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of energy management system “ Case study of Serbian car manufacturer. Energy Conversion and Management, 2010, 51, 2783-2790.	9.2	89
2	Route optimization to increase energy efficiency and reduce fuel consumption of communal vehicles. Thermal Science, 2010, 14, 67-78.	1.1	42
3	Optimization and GIS-based combined approach for the determination of the most cost-effective investments in biomass sector. Applied Energy, 2016, 178, 250-259.	10.1	35
4	Modelling of Spool Position Feedback Servovalves. International Journal of Fluid Power, 2004, 5, 37-51.	0.7	33
5	Modeling methodology of the heating energy consumption and the potential reductions due to thermal improvements of staggered block buildings. Energy and Buildings, 2016, 125, 244-253.	6.7	27
6	Achieving net zero energy cost house from old thermally non-insulated house using photovoltaic panels. Energy and Buildings, 2014, 76, 57-63.	6.7	24
7	Spool valve leakage behaviour. Archives of Civil and Mechanical Engineering, 2011, 11, 859-866.	3.8	15
8	An overview of the regulatory framework for the geothermal energy in Europe and Serbia. Thermal Science, 2010, 14, 115-123.	1.1	12
9	The influence of the magnetic field on the ionized gas flow adjacent to the porous wall. Thermal Science, 2010, 14, 183-196.	1.1	11
10	Long-term planning methodology for improving wood biomass utilization. Energy, 2019, 175, 818-829.	8.8	11
11	Integrating Energy and Environmental Management in Wood Furniture Industry. Scientific World Journal, The, 2014, 2014, 1-18.	2.1	10
12	About creation and reached goals of development policy in the area of energy efficiency, environmental protection and sustainable development in the city of Kragujevac. Thermal Science, 2010, 14, 1-14.	1.1	9
13	Review of existing energy management standards and possibilities for its introduction in Serbia. Thermal Science, 2010, 14, 613-623.	1.1	8
14	Specific heating consumption in the residential sector of Serbia“Example of the city of Kragujevac. Energy and Buildings, 2015, 107, 163-171.	6.7	7
15	A method to estimate savings of led lighting instalation in public buildings: The case study of secondary schools in Serbia. Thermal Science, 2017, 21, 2931-2943.	1.1	7
16	Ranking energy performance opportunities obtained with energy audit in dairies. Thermal Science, 2020, 24, 2865-2878.	1.1	7
17	Slaughterhouse water consumption and wastewater characteristics in the meat processing industry in Serbia. , 0, 190, 98-112.		7
18	Review of efficiencies of cogeneration units using internal combustion engines. International Journal of Green Energy, 2016, 13, 446-453.	3.8	5

#	ARTICLE	IF	CITATIONS
19	Benchmarking heat consumption in educational buildings in the city of Kragujevac (Serbia). Energy Efficiency, 2018, 11, 1023-1039.	2.8	5
20	Assessing the Techno-Economic Effects of Replacing Energy-Inefficient Street Lighting with LED Corn Bulbs. Energies, 2021, 14, 3755.	3.1	5
21	Energy auditing and energy saving measures in 'Zastava Automobili' factory. Thermal Science, 2009, 13, 185-193.	1.1	5
22	Analysis of the electricity production potential in the case of retrofit of steam turbines in a district heating company. Thermal Science, 2010, 14, 27-40.	1.1	3
23	An implementation of infrared thermography in maintenance plans within a world class manufacturing strategy. Thermal Science, 2013, 17, 977-987.	1.1	3
24	Assessment of predictive models for the estimation of heat consumption in kindergartens. Thermal Science, 2022, 26, 503-516.	1.1	3
25	Energy auditing of indoor swimming facility with multi-criteria decision analysis for ranking the proposed energy savings measures. Energy Efficiency, 2021, 14, 1.	2.8	3
26	Influence of ambience temperature and operational-constructive parameters on landfill gas generation: Case study Novi Sad. Thermal Science, 2010, 14, 555-564.	1.1	3
27	Energy efficiency in buildings, industry and transportation. , 2012, , .		2
28	Application of fat trap for the wastewater treatment in margarine production. Desalination and Water Treatment, 2016, 57, 3466-3472.	1.0	2
29	An overview of wastewater treatment from the milk and dairy industry " case study of Central Serbia. , 0, 133, 10-19.		2
30	Investigation of the ionized gas flow adjacent to porous wall in the case when electroconductivity is a function of the longitudinal velocity gradient. Thermal Science, 2010, 14, 89-102.	1.1	2
31	Overview of a new method for designing high efficiency small hydro power plants. Thermal Science, 2010, 14, 155-169.	1.1	1
32	PERFORMANCE OF SINGLE-STAGE ROTATING BIOLOGICAL CONTACTOR WITH SUPPLEMENTAL AERATION. Environmental Engineering and Management Journal, 2014, 13, 681-688.	0.6	1
33	TECHNICAL POTENTIAL FOR USING BIOMASS AS A FUEL IN COGENERATION PLANTS IN SERBIA. Environmental Engineering and Management Journal, 2016, 15, 2413-2420.	0.6	1
34	Renewable electricity in Western Balkans: Support policies and current state. Thermal Science, 2018, 22, 2281-2296.	1.1	1
35	Possibilities for affordable, low environmental footprint passive house implementation in Serbia. Thermal Science, 2020, , 224-224.	1.1	1
36	Possibilities for Deep Renovation in Multi-Apartment Buildings in Different Economic Conditions in Europe. Energies, 2022, 15, 2788.	3.1	1

#	ARTICLE	IF	CITATIONS
37	Improving the efficiency of using heat in preschool buildings: Case study of 'Ciciban' kindergarten. Tehnika, 2018, 73, 381-388.	0.2	0
38	Influence of global warming on primary energy consumption for heating and cooling in public buildings. Thermal Science, 2019, 23, 1719-1726.	1.1	0