

Ivan O BoÅ¾iÄ

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

62
citations

1937457

4
h-index

1588896

8
g-index

14
all docs

14
docs citations

14
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved formula for determination of secondary energy losses in the runner of Kaplan turbine. <i>Renewable Energy</i> , 2016, 94, 537-546.	4.3	23
2	Investigation of the turbulent swirl flows in a conical diffuser. <i>Thermal Science</i> , 2010, 14, 141-154.	0.5	10
3	Prediction of double-regulated hydraulic turbine on-cam energy characteristics by artificial neural networks approach. <i>FME Transactions</i> , 2016, 44, 125-132.	0.7	9
4	Determination of hydraulic losses in the flow passage between the guide vanes and runner of the Kaplan turbine. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2017, 55, 349-361.	0.7	4
5	A novel energy losses dependence on integral swirl flow parameters in an elbow draft tube of a Kaplan turbine. <i>Renewable Energy</i> , 2021, 175, 550-558.	4.3	4
6	Feedforward neural network and ANFIS-based approaches to forecasting the off-cam energy characteristics of Kaplan turbine. <i>Neural Computing and Applications</i> , 2018, 30, 2569-2579.	3.2	3
7	Numerical analyses of water hammer and water-mass oscillations in a hydropower plant for the most extreme operational regimes. <i>FME Transactions</i> , 2019, 47, 7-15.	0.7	2
8	A marine propeller as a hydrokinetic turbine – CFD analysis of energy characteristics. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 774, 012063.	0.2	1
9	An Improved Techno-Economic Approach to Determination of More Precise Installed Parameter for Small Hydropower Plants. <i>Water (Switzerland)</i> , 2021, 13, 2419.	1.2	1
10	An increase of hydro-aggregate's installed power and efficiency factor before the revitalization phase. <i>Thermal Science</i> , 2006, 10, 17-32.	0.5	1
11	Fluid boundaries shaping using the method of kinetic balance. <i>Thermal Science</i> , 2006, 10, 153-162.	0.5	1
12	Detection of breathing phases. <i>Serbian Journal of Electrical Engineering</i> , 2009, 6, 389-398.	0.2	1
13	A Novel Approach to the Improvement of the Hydropower Plants Protective Measures – Modelling and Numerical Analyses of the Semi-Pneumatic Surge Tank. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2353.	1.3	1