Zeljko Tomsic

List of Publications by Year in descending order

23 papers	287 citations	1039880 9 h-index	940416 16 g-index
23 all docs	23 docs citations	23 times ranked	352 citing authors

#	Article	IF	Citations
1	Energy efficiency policy evaluation by moving from techno-economic towards whole society perspective on energy efficiency market. Renewable and Sustainable Energy Reviews, 2017, 70, 968-975.	8.2	56
2	Probabilistic analysis of electrical energy costs comparing: production costs for gas, coal and nuclear power plants. Energy Policy, 2005, 33, 5-13.	4.2	55
3	External costs of electricity production: case study Croatia. Energy Policy, 2005, 33, 1385-1395.	4.2	38
4	Feasibility analysis of wind-energy utilization in Croatia. Energy, 1999, 24, 239-246.	4.5	22
5	Design and Evaluation of Policy Instruments for Energy Efficiency Market. IEEE Transactions on Sustainable Energy, 2017, 8, 354-362.	5.9	22
6	The concept of an integrated performance monitoring system for promotion of energy awareness in buildings. Energy and Buildings, 2015, 98, 82-91.	3.1	16
7	Modeling energy efficiency investment choices â€“ a case study on Croatiaâ€™s residential sector. Energy Sources, Part B: Economics, Planning and Policy, 2018, 13, 311-319.	1.8	15
8	Potential and use of renewable energy sources in Croatia. Renewable Energy, 2006, 31, 1867-1872.	4.3	10
9	Portfolio theory application in wind potential assessment. Renewable Energy, 2015, 76, 494-502.	4.3	10
10	Role of Electric Vehicles in Transition to Low Carbon Power Systemâ€”Case Study Croatia. Energies, 2020, 13, 6516.	1.6	9
11	Evaluating homeownersâ€™ retrofit choices â€“ Croatian case study. Energy and Buildings, 2018, 171, 40-49.	3.1	8
12	Challenges of combining different methods and tools to improve the performance monitoring in buildings: A case study of elementary schools and kindergartens. Energy and Buildings, 2021, 231, 110608.	3.1	4
13	Techno-Economic Analysis of Common Work of Wind and Combined Cycle Gas Turbine Power Plant by Offering Continuous Level of Power to Electricity Market. Journal of Sustainable Development of Energy, Water and Environment Systems, 2018, 6, 276-290.	0.9	4
14	Legislation framework for Croatian renewable energy sources development. Thermal Science, 2007, 11, 27-42.	0.5	4
15	Modelling CO2 emissions impacts on Croatian power system. Thermal Science, 2010, 14, 655-669.	0.5	4
16	Power generation mix optimization using mean-lower partial moments (LPM) portfolio theory. , 2014, , .		2
17	Overview of foresight techniques in energy supply. , 2014, , .		2
18	Optimizing integration of the new RES generation and electrical energy storage in a power system: Case study of Croatia. , 2017, , .		2

#	Article	IF	Citations
19	Equilibrium Pricing with Duality-Based Method: Approach for Market-Oriented Capacity Remuneration Mechanism. Energies, 2021, 14, 567.	1.6	2
20	External costs: an attempt to make power generation a fair game (case study Croatia). Interdisciplinary Environmental Review, 2000, 2, 58.	0.1	1
21	Securing energy supply by harnessing negajoules. , 2011, , .		1
22	Evaluating accuracy and uncertainty of wind speed estimation by using multiple wind measurements on a site. , 2013, , .		0
23	Environmental Cost Studies and Their Application in Environmental Protection Planning for Electricity Production. Advances in Environmental Engineering and Green Technologies Book Series, 0, , 550-587.	0.3	0