

# Perica Ilak

## List of Publications by Year in descending order

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18  
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times ranked

146  
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#	ARTICLE	IF	CITATIONS
1	Effects of Local Electricity Trading on Power Flows and Voltage Levels for Different Elasticities and Prices. <i>Energies</i> , 2019, 12, 4708.	1.6	25
2	Impact of wind capacity share, allocation of inertia and grid configuration on transient RoCoF: The case of the Croatian power system. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 121, 106075.	3.3	24
3	Pricing Energy and Ancillary Services in a Day-Ahead Market for a Price-Taker Hydro Generating Company Using a Risk-Constrained Approach. <i>Energies</i> , 2014, 7, 2317-2342.	1.6	22
4	The impact of a wind variable generation on the hydro generation water shadow price. <i>Applied Energy</i> , 2015, 154, 197-208.	5.1	13
5	Dispatch Method for Independently Owned Hydropower Plants in the Same River Flow. <i>Energies</i> , 2012, 5, 3674-3690.	1.6	11
6	Multiple-Criteria Decision-Making for Assessing the Enhanced Geothermal Systems. <i>Energies</i> , 2019, 12, 1597.	1.6	10
7	Role of Electric Vehicles in Transition to Low Carbon Power System – Case Study Croatia. <i>Energies</i> , 2020, 13, 6516.	1.6	9
8	Assessment of Geothermal Fields in the South Pannonian Basin System Using a Multi-Criteria Decision-Making Tool. <i>Energies</i> , 2020, 13, 1026.	1.6	7
9	Duality Based Risk Mitigation Method for Construction of Joint Hydro-Wind Coordination Short-Run Marginal Cost Curves. <i>Energies</i> , 2018, 11, 1254.	1.6	6
10	Market Power of Coordinated Hydro-wind Joint Bidding: Croatian Power System Case Study. <i>Journal of Modern Power Systems and Clean Energy</i> , 2022, 10, 531-541.	3.3	6
11	Profit maximization of a hydro producer in a day-ahead energy market and ancillary service markets. , 2013, , .		5
12	Overview of the main challenges and threats for implementation of the advanced concept for decentralized trading in microgrids. , 2019, , .		5
13	Local Energy Trading Under Emerging Regulatory Frameworks: Impacts on Market Participants and Power Balance in Distribution Grids. , 2021, , .		3
14	Peer-to-Peer Electricity Trading in Distribution Grid: Effects of Prosumer – Elasticities on Voltage Levels. , 2020, , .		2
15	Equilibrium Pricing with Duality-Based Method: Approach for Market-Oriented Capacity Remuneration Mechanism. <i>Energies</i> , 2021, 14, 567.	1.6	2
16	An oil refinery production optimization. , 2015, , .		1
17	Concept for Automated Energy Trading in MV and LV Electrical Distribution Grids Based on Approximated Supply Function Equilibrium. , 2021, , .		1
18	Impact of Producer – Offering Prices in Peer-to-Peer Electricity Trading on Power Flows in Distribution Grid. , 2020, , .		1