

Athanasios S Dagoumas

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,017
citations

361045

20
h-index

276539

41
g-index

55
all docs

55
docs citations

55
times ranked

2117
citing authors

#	ARTICLE	IF	CITATIONS
1	Day-ahead electricity price forecasting via the application of artificial neural network based models. Applied Energy, 2016, 172, 132-151.	5.1	242
2	State-of-the-art generation expansion planning: A review. Applied Energy, 2018, 230, 563-589.	5.1	225
3	The macroeconomic rebound effect and the world economy. Energy Efficiency, 2009, 2, 411-427.	1.3	174
4	Day-ahead natural gas demand forecasting based on the combination of wavelet transform and ANFIS/genetic algorithm/neural network model. Energy, 2017, 118, 231-245.	4.5	170
5	Review of models for integrating renewable energy in the generation expansion planning. Applied Energy, 2019, 242, 1573-1587.	5.1	161
6	A spatial multi-period long-term energy planning model: A case study of the Greek power system. Applied Energy, 2014, 115, 456-482.	5.1	126
7	The electricity consumption and economic growth nexus: Evidence from Greece. Energy Policy, 2013, 62, 798-808.	4.2	80
8	Pathways to a low-carbon economy for the UK with the macro-econometric E3MG model. Energy Policy, 2010, 38, 3067-3077.	4.2	76
9	Impact of the penetration of renewables on flexibility needs. Energy Policy, 2017, 109, 360-369.	4.2	65
10	Assessing the impact of the economic crisis on energy poverty in Greece. Sustainable Cities and Society, 2014, 13, 267-278.	5.1	62
11	Economic and environmental impacts from the implementation of an intelligent demand side management system at the European level. Energy Policy, 2008, 36, 163-180.	4.2	56
12	Incorporating unit commitment aspects to the European electricity markets algorithm: An optimization model for the joint clearing of energy and reserve markets. Applied Energy, 2018, 231, 235-258.	5.1	56
13	An economic assessment of the Kyoto Protocol application. Energy Policy, 2006, 34, 26-39.	4.2	46
14	A mid-term, market-based power systems planning model. Applied Energy, 2016, 179, 17-35.	5.1	44
15	An integrated model for assessing electricity retailer's profitability with demand response. Applied Energy, 2017, 198, 49-64.	5.1	41
16	Assessment of climate change mitigation and adaptation in cities. Proceedings of the Institution of Civil Engineers: Urban Design and Planning, 2011, 164, 75-84.	0.6	39
17	An integrated model for risk management in electricity trade. Energy, 2017, 124, 350-363.	4.5	27
18	Assessing the Impact of Cybersecurity Attacks on Power Systems. Energies, 2019, 12, 725.	1.6	26

#	ARTICLE	IF	CITATIONS
19	Energy transition in the South East Europe: The case of the Romanian power system. <i>Energy Reports</i> , 2020, 6, 2376-2393.	2.5	24
20	Policy Implications of Power Exchanges on Operational Scheduling: Evaluating EUPHEMIA's Market Products in Case of Greece. <i>Energies</i> , 2018, 11, 2715.	1.6	22
21	A post-Kyoto analysis of the Greek electric sector. <i>Energy Policy</i> , 2007, 35, 1551-1563.	4.2	20
22	Modelling socio-economic and energy aspects of urban systems. <i>Sustainable Cities and Society</i> , 2014, 13, 192-206.	5.1	20
23	Carbon pass-through in the electricity sector: An econometric analysis. <i>Energy Economics</i> , 2020, 86, 104621.	5.6	20
24	Forecasting the Fuel Consumption of Passenger Ships with a Combination of Shallow and Deep Learning. <i>Electronics (Switzerland)</i> , 2020, 9, 776.	1.8	20
25	Price and Volatility Spillovers Between the US Crude Oil and Natural Gas Wholesale Markets. <i>Energies</i> , 2018, 11, 2757.	1.6	15
26	Revisiting the impact of energy prices on economic growth: Lessons learned from the European Union. <i>Economic Analysis and Policy</i> , 2020, 66, 85-95.	3.2	15
27	An optimization model for integrated portfolio management in wholesale and retail power markets. <i>Journal of Cleaner Production</i> , 2020, 248, 119198.	4.6	14
28	Potential of meeting electricity needs of off-grid community with mini-grid solar systems. <i>Scientific African</i> , 2021, 11, e00675.	0.7	14
29	Detecting the impact of fundamentals and regulatory reforms on the Greek wholesale electricity market using a SARMAX/GARCH model. <i>Energy</i> , 2018, 142, 1083-1103.	4.5	12
30	An econometric analysis of the Saudi Arabia's crude oil strategy. <i>Resources Policy</i> , 2018, 59, 265-273.	4.2	12
31	An Improved Fuzzy C-Means Algorithm for the Implementation of Demand Side Management Measures. <i>Energies</i> , 2017, 10, 1407.	1.6	10
32	Post-Kyoto energy consumption strategies for the Greek interconnected electric system. <i>Energy Policy</i> , 2008, 36, 1980-1999.	4.2	9
33	Impact of Bilateral Contracts on Wholesale Electricity Markets: In a Case Where a Market Participant Has Dominant Position. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 382.	1.3	9
34	State Capitalism in Time: Russian Natural Gas at the Service of Foreign Policy. <i>Europe-Asia Studies</i> , 2018, 70, 441-461.	0.3	8
35	Living in an Era when Market Fundamentals Determine Crude Oil Price. <i>Energy Journal</i> , 2019, 40, 317-336.	0.9	8
36	Assessing new block order options of the EUPHEMIA algorithm: An optimization model for the economic dispatch problem in power exchanges. <i>Energy Reports</i> , 2020, 6, 3119-3140.	2.5	7

#	ARTICLE	IF	CITATIONS
37	Electricity market clearing algorithms: A case study of the Bulgarian power system. Energy Sources, Part B: Economics, Planning and Policy, 2021, 16, 91-117.	1.8	6
38	A case study of the impacts of small hydro power plants on the power distribution network with the combination of on load tap changers. , 2005, , .		5
39	The effect of dimensionality reduction methods in short-term load forecasting performance. , 2018, , .		5
40	Crude oil price determinants and multi-sectoral effects: A review. Energy Sources, Part B: Economics, Planning and Policy, 2021, 16, 787-860.	1.8	5
41	Combining wavelet transform and support vector regression model for day-ahead peak load forecasting in the Greek power system. , 2017, , .		4
42	A novel demand side management strategy implementation utilizing real-time pricing schemes. , 2017, , .		2
43	The relationship between the brent crude oil and the national balancing point natural gas prices. , 2018, , .		2
44	PRICE AND VOLATILITY SPILLOVERS BETWEEN CRUDE OIL AND NATURAL GAS MARKETS IN EUROPE AND JAPAN-KOREA. International Journal of Energy Economics and Policy, 2020, 10, 432-446.	0.5	2
45	Assessment of the implementation of Guarantees of Origin (GOs) in Europe. Engineering and Industry, 0, , .	0.0	2
46	A blueprint for the integrated assessment of climate change in cities. , 2017, , 32-51.		2
47	Renewable energy sources generation forecasting in aggregated energy system level. , 2021, , .		2
48	The macroeconomic rebound effect from the implementation of energy efficiency policies at different end-use sectors at global level. IOP Conference Series: Earth and Environmental Science, 2009, 6, 202006.	0.2	1
49	Improvements in the clustering validity indexes of the load profiling methodology. , 2013, , .		1
50	Load curves partitioning with the application of soft clustering algorithms. , 2019, , .		1
51	Assessing the Transition of the Romanian Power System. , 2020, , .		1
52	ZONAL PRICING IN KAZAKHSTAN POWER SYSTEM WITH A UNIT COMMITMENT MODEL. International Journal of Energy Economics and Policy, 2020, 10, 24-36.	0.5	1
53	Short Circuit and Transient Analysis of a Network Containing One Single Shaft Combined Cycle Power Station, with Rated Power 468 MVA. , 0, , .		0
54	A power system scheduling model with carbon intensity and ramping capacity constraints. Operational Research, 2021, 21, 647-687.	1.3	0

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55	The European Perspective on the Energy Developments in Eastern Mediterranean and South East Europe. , 2021, , 159-177.		0