Athanasios S Dagoumas

List of Publications by Year
in descending order

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	A power system scheduling model with carbon intensity and ramping capacity constraints. Operational Research, 2021, 21, 647-687.	1.3	0
2	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
3	Potential of meeting electricity needs of off-grid community with mini-grid solar systems. Scientific African, 2021, 11, e00675.	0.7	14
4	The European Perspective on the Energy Developments in Eastern Mediterranean and South East Europe. , 2021, , 159-177.		0
5	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
6	Renewable energy sources generation forecasting in aggregated energy system level. , 2021, , .		2
7	An optimization model for integrated portfolio management in wholesale and retail power markets. Journal of Cleaner Production, 2020, 248, 119198.	4.6	14
8	Carbon pass-through in the electricity sector: An econometric analysis. Energy Economics, 2020, 86, 104621.	5.6	20
9	Energy transition in the South East Europe: The case of the Romanian power system. Energy Reports, 2020, 6, 2376-2393.	2.5	24
10	Assessing the Transition of the Romanian Power System. , 2020, , .		1
11	Assessing new block order options of the EUPHEMIA algorithm: An optimization model for the economic dispatch problem in power exchanges. Energy Reports, 2020, 6, 3119-3140.	2.5	7
12	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
13	Forecasting the Fuel Consumption of Passenger Ships with a Combination of Shallow and Deep Learning. Electronics (Switzerland), 2020, 9, 776.	1.8	20
14	Revisiting the impact of energy prices on economic growth: Lessons learned from the European Union. Economic Analysis and Policy, 2020, 66, 85-95.	3.2	15
15	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
16	Assessing the Impact of Cybersecurity Attacks on Power Systems. Energies, 2019, 12, 725.	1.6	26
17	Impact of Bilateral Contracts on Wholesale Electricity Markets: In a Case Where a Market Participant Has Dominant Position. Applied Sciences (Switzerland), 2019, 9, 382.	1.3	9
18	Review of models for integrating renewable energy in the generation expansion planning. Applied Energy, 2019, 242, 1573-1587.	5.1	161

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19	Load curves partitioning with the application of soft clustering algorithms. , 2019, , .		1
20	Living in an Era when Market Fundamentals Determine Crude Oil Price. Energy Journal, 2019, 40, 317-336.	0.9	8
21	State Capitalism in Time: Russian Natural Gas at the Service of Foreign Policy. Europe-Asia Studies, 2018, 70, 441-461.	0.3	8
22	Detecting the impact of fundamentals and regulatory reforms on the Greek wholesale electricity market using a SARMAX/GARCH model. Energy, 2018, 142, 1083-1103.	4.5	12
23	The relationship between the brent crude oil and the national balancing point natural gas prices. , 2018, , .		2
24	The effect of dimensionality reduction methods in short-term load forecasting performance. , 2018, , .		5
25	Price and Volatility Spillovers Between the US Crude Oil and Natural Gas Wholesale Markets. Energies, 2018, 11, 2757.	1.6	15
26	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
27	Policy Implications of Power Exchanges on Operational Scheduling: Evaluating EUPHEMIAâ€™s Market Products in Case of Greece. Energies, 2018, 11, 2715.	1.6	22
28	State-of-the-art generation expansion planning: A review. Applied Energy, 2018, 230, 563-589.	5.1	225
29	An econometric analysis of the Saudi Arabia's crude oil strategy. Resources Policy, 2018, 59, 265-273.	4.2	12
30	An integrated model for risk management in electricity trade. Energy, 2017, 124, 350-363.	4.5	27
31	An integrated model for assessing electricity retailerâ€™s profitability with demand response. Applied Energy, 2017, 198, 49-64.	5.1	41
32	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
33	Impact of the penetration of renewables on flexibility needs. Energy Policy, 2017, 109, 360-369.	4.2	65
34	A novel demand side management strategy implementation utilizing real-time pricing schemes. , 2017, , .		2
35	Combining wavelet transform and support vector regression model for day-ahead peak load forecasting in the Greek power system. , 2017, , .		4
36	An Improved Fuzzy C-Means Algorithm for the Implementation of Demand Side Management Measures. Energies, 2017, 10, 1407.	1.6	10

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37	A blueprint for the integrated assessment of climate change in cities. , 2017, , 32-51.		2
38	A mid-term, market-based power systems planning model. Applied Energy, 2016, 179, 17-35.	5.1	44
39	Day-ahead electricity price forecasting via the application of artificial neural network based models. Applied Energy, 2016, 172, 132-151.	5.1	242
40	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
41	Modelling socio-economic and energy aspects of urban systems. Sustainable Cities and Society, 2014, 13, 192-206.	5.1	20
42	Assessing the impact of the economic crisis on energy poverty in Greece. Sustainable Cities and Society, 2014, 13, 267-278.	5.1	62
43	The electricity consumption and economic growth nexus: Evidence from Greece. Energy Policy, 2013, 62, 798-808.	4.2	80
44	Improvements in the clustering validity indexes of the load profiling methodology. , 2013, , .		1
45	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
46	Pathways to a low-carbon economy for the UK with the macro-econometric E3MG model. Energy Policy, 2010, 38, 3067-3077.	4.2	76
47	The macroeconomic rebound effect and the world economy. Energy Efficiency, 2009, 2, 411-427.	1.3	174
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	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
50	Post-Kyoto energy consumption strategies for the Greek interconnected electric system. Energy Policy, 2008, 36, 1980-1999.	4.2	9
51	A post-Kyoto analysis of the Greek electric sector. Energy Policy, 2007, 35, 1551-1563.	4.2	20
52	An economic assessment of the Kyoto Protocol application. Energy Policy, 2006, 34, 26-39.	4.2	46
53	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
54	Short Circuit and Transient Analysis of a Network Containing One Single Shaft Combined Cycle Power Station, with Rated Power 468 MVA. , 0, , .		0

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55	Assessment of the implementation of Guarantees of Origin (GOs) in Europe. Engineering and Industry, 0, , .	0.0	2