Antonio De Paola

List of Publications by Year
in descending order

28 papers	209 citations	1307594 7 h-index	1058476 14 g-index
28 all docs	28 docs citations	28 times ranked	225 citing authors

#	Article	IF	Citations
1	Price-Based Schemes for Distributed Coordination of Flexible Demand in the Electricity Market. IEEE Transactions on Smart Grid, 2017, 8, 3104-3116.	9.0	43
2	A Mean Field Game Approach for Distributed Control of Thermostatic Loads Acting in Simultaneous Energy-Frequency Response Markets. IEEE Transactions on Smart Grid, 2019, 10, 5987-5999.	9.0	43
3	Scheduling of Wind Farms for Optimal Frequency Response and Energy Recovery. IEEE Transactions on Control Systems Technology, 2016, 24, 1764-1778.	5.2	24
4	Ex-ante dynamic network tariffs for transmission cost recovery. Applied Energy, 2020, 258, 113979.	10.1	14
5	Distributed Control of Micro-Storage Devices With Mean Field Games. IEEE Transactions on Smart Grid, 2015, , 1-1.	9.0	13
6	A game-theoretic approach for price-based coordination of flexible devices operating in integrated energy-reserve markets. Energy, 2019, 189, 116153.	8.8	9
7	Investigating the Social Efficiency of Merchant Transmission Planning Through a Non-cooperative Game-Theoretic Framework. IEEE Transactions on Power Systems, 2018, 33, 4831-4841.	6.5	8
8	Convergence and optimality of a new iterative price-based scheme for distributed coordination of flexible loads in the electricity market. , 2017, , .		6
9	Integration of Price-Responsive Appliances in the Energy Market Through Flexible Demand Saturation. IEEE Transactions on Control of Network Systems, 2018, 5, 154-166.	3.7	6
10	Distributed Coordination of Flexible Loads Using Locational Marginal Prices. IEEE Transactions on Control of Network Systems, 2019, 6, 1097-1110.	3.7	6
11	Analysis of Nash equilibria in energy markets with large populations of price-responsive flexible appliances. , 2015, , .		5
12	A framework for receding-horizon control in infinite-horizon aggregative games. Annual Reviews in Control, 2018, 45, 191-204.	7.9	5
13	On Distributed Scheduling of Flexible Demand and Nash Equilibria in the Electricity Market. Dynamic Games and Applications, 2018, 8, 761-798.	1.9	4
14	Distributed Coordination of Price-Responsive Electric Loads: A Receding Horizon Approach. , 2018, , .		4
15	Value of Interconnectors Operating in Simultaneous Energy-Frequency Response Markets. IEEE Transactions on Power Systems, 2022, 37, 3381-3393.	6.5	4
16	A Semi-Decentralized Scheme for Integration of Price-Responsive Appliances in the Electricity Market. IFAC-PapersOnLine, 2017, 50, 6729-6736.	0.9	3
17	A Distributed Price-based Strategy for Flexible Demand Coordination in Multi-area Systems. , 2018, , .		2
18	Value of Thermostatic Loads in Energyffirequency Response Markets: a Mean Field Game Approach. , 2019, , .		2

#	Article	IF	Citations
19	Distributed Control of Clustered Populations of Thermostatic Loads in Multi-Area Systems: A Mean Field Game Approach. Energies, 2020, 13, 6483.	3.1	2
20	Game-Theoretic Modeling of Merchant Transmission Investments. Lecture Notes in Energy, 2020, , 381-414.	0.3	2
21	Frequency support by scheduling of variable-speed wind turbines. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 7904-7910.	0.4	1
22	Decentralized coordination of large populations of flexible electrical appliances through demand saturation. , 2016, , .		1
23	Distributed schemes for efficient deployment of price-responsive demand with partial flexibility. Journal of Control and Decision, 2018, 5, 169-194.	1.6	1
24	An iterative algorithm for regret minimization in flexible demand scheduling problems. Advanced Control for Applications, 2021, 3, e92.	1.7	1
25	Distributed frequency control by means of responsive wind generation. , 2012, , .		0
26	Coordination of Micro-Storage Devices in Power Grids: A Multi-Agent System Approach for Energy Arbitrage. , 2018, , .		0
27	A Game-Theoretic Modeling Approach for Merchant Transmission Planning. , 2018, , .		0
28	A novel ex-ante tariff scheme for cost recovery of transmission investments under elasticity of demand. , 2020, , .		0