

Eilyan Bitar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

450
citations

12
h-index

21
g-index

31
ext. papers

552
ext. citations

5.2
avg. IF

4.31
L-index

| # | Paper | IF | Citations |
|----|--|-------|-----------|
| 25 | Data-Driven Approximations of Chance Constrained Programs in Nonstationary Environments 2022 , 1-1 | | |
| 24 | A Structural Characterization of Market Power in Electric Power Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 987-1006 | 4.9 | 6 |
| 23 | A Convex Information Relaxation for Constrained Decentralized Control Design Problems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 4788-4795 | 5.9 | 1 |
| 22 | On the marginal value of electricity storage. <i>Systems and Control Letters</i> , 2019 , 123, 151-159 | 2.4 | 3 |
| 21 | Robust AC Optimal Power Flow. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 1669-1681 | 7 | 14 |
| 20 | Decentralized Stochastic Control of Distributed Energy Resources. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 888-900 | 7 | 31 |
| 19 | Risk-Sensitive Learning and Pricing for Demand Response. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 6000-6007 | 16.07 | 23 |
| 18 | Financial storage rights in electric power networks. <i>Journal of Regulatory Economics</i> , 2017 , 52, 1-23 | 1.3 | 13 |
| 17 | Deadline Differentiated Pricing of Deferrable Electric Loads. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 13-25 | 10.7 | 46 |
| 16 | Learning to Buy (and Sell) Demand Response. <i>IFAC-PapersOnLine</i> , 2017 , 50, 6761-6767 | 0.7 | 3 |
| 15 | Networked cournot competition in platform markets: Access control and efficiency loss 2017 , | | 3 |
| 14 | Stability guarantees for primary frequency control with randomized flexible loads 2016 , | | 3 |
| 13 | Random convex approximations of ambiguous chance constrained programs 2016 , | | 3 |
| 12 | Stochastic AC optimal power flow with affine recourse 2016 , | | 6 |
| 11 | Data-driven pricing of demand response 2016 , | | 2 |
| 10 | Dynamic Model for estimating the Macroscopic Fundamental Diagram. <i>IFAC-PapersOnLine</i> , 2016 , 49, 297-302 | 0.7 | 4 |
| 9 | Variability and the Locational Marginal Value of Energy Storage 2014 , | | 14 |

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| 8 | Piecewise affine dispatch policies for economic dispatch under uncertainty 2014 , | 3 |
| 7 | Forward electricity markets with uncertain supply: Cost sharing and efficiency loss 2014 , | 12 |
| 6 | Smart Grid Data Integrity Attacks. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 1244-1253 | 10.7 149 |
| 5 | Coordinated control of a wind turbine array for power maximization 2013 , | 32 |
| 4 | A rank minimization algorithm to enhance semidefinite relaxations of Optimal Power Flow 2013 , | 14 |
| 3 | On incentive compatibility of deadline differentiated pricing for deferrable demand 2013 , | 14 |
| 2 | Market induced curtailment of wind power 2012 , | 2 |
| 1 | Deadline differentiated pricing of deferrable electric power service 2012 , | 46 |