

Daniel E Olivares

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6852398/publications.pdf>

Version: 2024-02-01

30
papers

4,177
citations

471509

17
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

4174
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Trends in Microgrid Control. IEEE Transactions on Smart Grid, 2014, 5, 1905-1919. | 9.0 | 2,316 |
| 2 | A Centralized Energy Management System for Isolated Microgrids. IEEE Transactions on Smart Grid, 2014, 5, 1864-1875. | 9.0 | 571 |
| 3 | Fuzzy Prediction Interval Models for Forecasting Renewable Resources and Loads in Microgrids. IEEE Transactions on Smart Grid, 2015, 6, 548-556. | 9.0 | 172 |
| 4 | A centralized optimal energy management system for microgrids. , 2011, , . | | 152 |
| 5 | Stochastic-Predictive Energy Management System for Isolated Microgrids. IEEE Transactions on Smart Grid, 2015, 6, 2681-2693. | 9.0 | 130 |
| 6 | A comprehensive review on expansion planning: Models and tools for energy policy analysis. Renewable and Sustainable Energy Reviews, 2018, 98, 346-360. | 16.4 | 108 |
| 7 | Real-Time Charging Strategies for an Electric Vehicle Aggregator to Provide Ancillary Services. IEEE Transactions on Smart Grid, 2018, 9, 5141-5151. | 9.0 | 104 |
| 8 | Participation of Demand Response Aggregators in Electricity Markets: Optimal Portfolio Management. IEEE Transactions on Smart Grid, 2018, 9, 4861-4871. | 9.0 | 100 |
| 9 | Stability Analysis of Unbalanced Distribution Systems With Synchronous Machine and DFIG Based Distributed Generators. IEEE Transactions on Smart Grid, 2014, 5, 2326-2338. | 9.0 | 83 |
| 10 | Robust Energy Management of Isolated Microgrids. IEEE Systems Journal, 2019, 13, 680-691. | 4.6 | 63 |
| 11 | An Adaptive Robust Optimization Model for Power Systems Planning With Operational Uncertainty. IEEE Transactions on Power Systems, 2019, 34, 4606-4616. | 6.5 | 61 |
| 12 | A Novel Distributed Control Strategy for Optimal Dispatch of Isolated Microgrids Considering Congestion. IEEE Transactions on Smart Grid, 2019, 10, 6595-6606. | 9.0 | 47 |
| 13 | Distributed Control Strategy Based on a Consensus Algorithm and on the Conservative Power Theory for Imbalance and Harmonic Sharing in 4-Wire Microgrids. IEEE Transactions on Smart Grid, 2020, 11, 1604-1619. | 9.0 | 46 |
| 14 | The impact of concentrated solar power in electric power systems: A Chilean case study. Applied Energy, 2019, 235, 258-283. | 10.1 | 33 |
| 15 | Portfolio Design of a Demand Response Aggregator With Satisficing Consumers. IEEE Transactions on Smart Grid, 2019, 10, 2475-2484. | 9.0 | 32 |
| 16 | Optimization-based analysis of decarbonization pathways and flexibility requirements in highly renewable power systems. Energy, 2021, 234, 121242. | 8.8 | 31 |
| 17 | Expansion planning under uncertainty for hydrothermal systems with variable resources. International Journal of Electrical Power and Energy Systems, 2018, 103, 644-651. | 5.5 | 25 |
| 18 | The evolution over time of Distributed Energy Resourceâ€™s penetration: A robust framework to assess the future impact of prosumage under different tariff designs. Applied Energy, 2019, 256, 113903. | 10.1 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | An Energy Management System With Short-Term Fluctuation Reserves and Battery Degradation for Isolated Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 4668-4680. | 9.0 | 16 |
| 20 | A low-complexity decision model for home energy management systems. Applied Energy, 2021, 294, 116985. | 10.1 | 12 |
| 21 | A robust decision-support method based on optimization and simulation for wildfire resilience in highly renewable power systems. European Journal of Operational Research, 2021, 294, 723-733. | 5.7 | 12 |
| 22 | Frequency-Constrained Energy Management System for Isolated Microgrids. IEEE Transactions on Smart Grid, 2022, 13, 3394-3407. | 9.0 | 10 |
| 23 | Economic Dispatch by Secondary Distributed Control in Microgrids. , 2019, , . | | 9 |
| 24 | The value of aggregators in local electricity markets: A game theory based comparative analysis. Sustainable Energy, Grids and Networks, 2021, 27, 100498. | 3.9 | 9 |
| 25 | Management of EV charging stations under advance reservations schemes in electricity markets. Sustainable Energy, Grids and Networks, 2020, 24, 100388. | 3.9 | 6 |
| 26 | Firewood heat electrification impacts in the Chilean power system. Energy Policy, 2020, 144, 111702. | 8.8 | 5 |
| 27 | Challenges in the Management of Hydroelectric Generation in Power System Operations. Current Sustainable/Renewable Energy Reports, 2020, 7, 94-99. | 2.6 | 4 |
| 28 | The impact of short-term pricing on flexible generation investments in electricity markets. Energy Economics, 2021, 98, 105213. | 12.1 | 2 |
| 29 | An Optimization-Based Analysis of Decarbonization Pathways and Flexibility Requirements in the Chilean Electric Power System. , 2019, , . | | 1 |
| 30 | Managing load contract restrictions with online learning. , 2017, , . | | 0 |