## Joshua Hambrick

List of Publications by Year in descending order

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LOSHIIA HAMBDICK

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Steady-State Analysis of Maximum Photovoltaic Penetration Levels on Typical Distribution Feeders.<br>IEEE Transactions on Sustainable Energy, 2013, 4, 350-357.   | 8.8 | 197       |
| 2  | A Distributed Power System Control Architecture for Improved Distribution System Resiliency. IEEE<br>Access, 2019, 7, 9957-9970.  | 4.2 | 52        |
| 3  | Integrating Transactive Energy Into Reliability Evaluation for a Self-Healing Distribution System With Microgrid. IEEE Transactions on Sustainable Energy, 2022, 13, 122-134.                           | 8.8 | 20        |
| 4  | Configurable, Hierarchical, Model-Based Control of Electrical Distribution Circuits. IEEE<br>Transactions on Power Systems, 2011, 26, 1072-1079.  | 6.5 | 12        |
| 5  | Load growth and power flow control with DSRs: Balanced vs unbalanced transmission networks.<br>Electric Power Systems Research, 2017, 145, 207-213.   | 3.6 | 11        |
| 6  | Evaluation of DER adoption in the presence of new load growth and energy storage technologies. ,<br>2011, , .   |     | 10        |
| 7  | PV impact assessment for very high penetration levels. , 2015, , .  |     | 9         |
| 8  | High-penetration PV deployment in the Arizona Public Service System, Phase 1 update. , 2012, , .  |     | 8         |
| 9  | Power flow control and N-1 contingency analysis with DSRs in unbalanced transmission networks.<br>Electric Power Systems Research, 2016, 136, 223-231.  | 3.6 | 5         |
| 10 | A Multi-Site Networked Hardware-in-the-Loop Platform for Evaluation of Interoperability and<br>Distributed Intelligence at Grid-Edge. IEEE Open Access Journal of Power and Energy, 2021, 8, 460-471.   | 3.4 | 5         |
| 11 | DSR design fundamentals: Power flow control. , 2014, , .  |     | 4         |
| 12 | NREL Smart Grid projects. , 2012, , .   |     | 2         |
| 13 | Advantages of Integrated System Model-Based Control for Electrical Distribution System Automation.<br>IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 6117-6120. | 0.4 | 0         |