

# Adarsh Nagarajan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11019040/publications.pdf>

Version: 2024-02-01

16  
papers

145  
citations

2682572

2  
h-index

2917675

2  
g-index

16  
all docs

16  
docs citations

16  
times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of degradation in residential battery energy storage systems for rate-based use-cases. Applied Energy, 2020, 264, 114632.	10.1	31
2	Potential Impacts of Transportation and Building Electrification on the Grid: A Review of Electrification Projections and Their Effects on Grid Infrastructure, Operation, and Planning. Current Sustainable/Renewable Energy Reports, 2019, 6, 169-176.	2.6	29
3	Voltage support study of smart PV inverters on a high-photovoltaic penetration utility distribution feeder. , 2016, , .		24
4	Application of autonomous smart inverter Volt-VAR function for voltage reduction energy savings and power quality in electric distribution systems. , 2017, , .		23
5	Network reduction algorithm for developing distribution feeders for real-time simulators. , 2017, , .		10
6	Power hardware-in-the-loop evaluation of PV inverter grid support on Hawaiian electric feeders. , 2017, , .		9
7	Design and scheduling of microgrids using benders decomposition. , 2016, , .		4
8	Methods for dynamic analysis of distribution feeders with high penetration of PV generators. , 2016, , .		4
9	Improving advanced inverter control convergence in distribution power flow. , 2016, , .		3
10	Effects of Reactive Power on Photovoltaic Inverter Reliability and Lifetime. , 2019, , .		2
11	Development and Clustering of Rate-Oriented Load Metrics for Customer Price-Plan Analysis. , 2019, , .		2
12	Advanced inverter functions and communication protocols for distribution management. , 2016, , .		1
13	Field Validated Utility-Scale Battery Storage Control Models for Quasi-static Analyses. , 2019, , .		1
14	Impacts of control set-points on battery energy storage performance for peak shaving application. , 2020, , .		1
15	Time-of-use and Demand Charge Battery Controller Using Stochastic Model Predictive Control. , 2020, , .		1
16	Novel Technique for Developing Linearized Convex System Models from Experimentally Derived Data. , 2019, , .		0