

# Ziang Zhang

## List of Publications by Year in descending order

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14  
papers

1,089  
citations

1937685

4  
h-index

2272923

4  
g-index

14  
all docs

14  
docs citations

14  
times ranked

926  
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergence Analysis of the Incremental Cost Consensus Algorithm Under Different Communication Network Topologies in a Smart Grid. IEEE Transactions on Power Systems, 2012, 27, 1761-1768.	6.5	558
2	Incremental Welfare Consensus Algorithm for Cooperative Distributed Generation/Demand Response in Smart Grid. IEEE Transactions on Smart Grid, 2014, 5, 2836-2845.	9.0	242
3	Incremental cost consensus algorithm in a smart grid environment. , 2011, , .		104
4	Decentralizing the economic dispatch problem using a two-level incremental cost consensus algorithm in a smart grid environment. , 2011, , .		75
5	A Basin Stability Based Metric for Ranking the Transient Stability of Generators. IEEE Transactions on Industrial Informatics, 2019, 15, 1450-1459.	11.3	22
6	The leader election criterion for decentralized economic dispatch using incremental cost consensus algorithm. , 2011, , .		19
7	Asynchronous distributed cooperative energy management through gossip-based incremental cost consensus algorithm. , 2013, , .		14
8	Consensus-based distributed energy management with real-time pricing. , 2013, , .		13
9	Agent-based distributed consensus algorithm for decentralized economic dispatch in Smart Grid. , 2013, , .		13
10	Distributed energy management under smart grid plug-and-play operations. , 2013, , .		11
11	Distributed frequency synchronization and phase-difference tracking for Kuramoto oscillators and its application to islanded microgrids. , 2016, , .		10
12	Fast basin stability estimation for dynamic systems under large perturbations with sequential support vector machine. Physica D: Nonlinear Phenomena, 2020, 405, 132381.	2.8	6
13	Second-Order Consensus for Multi-Agent Systems by Time-Dependent Topology Switching. , 2018, , .		2
14	Incremental Cost Consensus(ICC) and leaderless ICC implementations in FREEDM. , 2015, , .		0