

# Xiaohui Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

271  
citations

1684188

5  
h-index

1872680

6  
g-index

18  
all docs

18  
docs citations

18  
times ranked

273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault Location in a Zonal DC Marine Power System Using Active Impedance Estimation. IEEE Transactions on Industry Applications, 2013, 49, 860-865.	4.9	86
2	Multilayer SOH Equalization Scheme for MMC Battery Energy Storage System. IEEE Transactions on Power Electronics, 2020, 35, 13514-13527.	7.9	53
3	Characteristics of Jiles' Atherton Model Parameters and Their Application to Transformer Inrush Current Simulation. IEEE Transactions on Magnetics, 2008, 44, 340-345.	2.1	49
4	Numerical determination of Jiles' Atherton model parameters. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2009, 28, 493-503.	0.9	19
5	Fault location for DC marine power systems. , 2009, , .		16
6	Fault location in a zonal DC marine power system using Active Impedance Estimation. , 2010, , .		11
7	Perturbation-Based Sensitivity Analysis of Slow Coherency With Variable Power System Inertia. IEEE Transactions on Power Systems, 2021, 36, 1121-1129.	6.5	10
8	A new interpretation of commutation failure risk in multi-infeed HVDC systems. , 2017, , .		6
9	A DC distribution demonstrator incorporating Active Impedance Estimation for marine applications. , 2010, , .		5
10	Distribution system state estimation considering the uncertainty of DG output. , 2017, , .		5
11	Simulation of single-phase nonlinear and hysteretic transformer with internal faults. , 2006, , .		3
12	Survivability assessment of power grid based on modified centrality. , 2016, , .		2
13	Analysis of Commutation Failure in LCC-HVDC Systems During Unbalanced Conditions Using Sequence Components. , 2021, , .		2
14	A differentiation based method to transmission network planning for improving anti-disaster ability. , 2013, , .		1
15	Application of graphic centrality on survivability evaluation in distribution power network. , 2016, , .		1
16	Dynamic interaction estimation in multi-infeed system considering effects of hvdc control. , 2017, , .		1
17	Online Estimation of Short-Circuit Fault Level in Active Distribution Network. Applied Sciences (Switzerland), 2020, 10, 3812.	2.5	1
18	A hybrid DSSE scheme with different kinds of measurements. , 2017, , .		0