Jochen Lorenz Cremer

List of Publications by Year
in descending order

16 papers	260 citations	1307594 7 h-index	1199594 12 g-index
16 all docs	16 docs citations	16 times ranked	187 citing authors

#	Article	IF	Citations
1	From Optimization-Based Machine Learning to Interpretable Security Rules for Operation. IEEE Transactions on Power Systems, 2019, 34, 3826-3836.	6.5	60
2	Risk-based integrated production scheduling and electricity procurement for continuous power-intensive processes. Computers and Chemical Engineering, 2016, 86, 90-105.	3.8	50
3	Data-Driven Power System Operation: Exploring the Balance Between Cost and Risk. IEEE Transactions on Power Systems, 2019, 34, 791-801.	6.5	37
4	A machine-learning based probabilistic perspective on dynamic security assessment. International Journal of Electrical Power and Energy Systems, 2021, 128, 106571.	5.5	23
5	A Confidence-Aware Machine Learning Framework for Dynamic Security Assessment. IEEE Transactions on Power Systems, 2021, 36, 3907-3920.	6.5	22
6	A causality based feature selection approach for data-driven dynamic security assessment. Electric Power Systems Research, 2021, 201, 107537.	3.6	14
7	Optimal Scheduling of Heat Pumps for Power Peak Shaving and Customers Thermal Comfort. , 2017, , .		10
8	Impact of customers flexibility in heat pumps scheduling for demand side management. , 2017, , .		9
9	Selecting decision trees for power system security assessment. Energy and AI, 2021, 6, 100110.	10.6	9
10	Machine-learned security assessment for changing system topologies. International Journal of Electrical Power and Energy Systems, 2022, 134, 107380.	5.5	8
11	Sample-Derived Disjunctive Rules for Secure Power System Operation. , 2018, , .		5
12	Transition to Digitalized Paradigms for Security Control and Decentralized Electricity Market. Proceedings of the IEEE, 2023, 111, 744-761.	21.3	5
13	Prognostic impact of secondary prevention after coronary artery bypass grafting—insights from the TiCAB trial. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	4
14	Verifying Machine Learning conclusions for securing Low Inertia systems. Sustainable Energy, Grids and Networks, 2022, 30, 100656.	3.9	3
15	Progressive cervical tumour in an HIV-patient: giant pseudoaneurysm of the carotid artery: a case report. European Heart Journal - Case Reports, 2022, 6, .	0.6	1
16	Day-Ahead Scheduling of Electric Heat Pumps for Peak Shaving in Distribution Grids. Communications in Computer and Information Science, 2019, , 27-51.	0.5	0