Mehdi Vakilian

List of Publications by Year
in descending order

11	399	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inductance Calculation of HTS Transformers with Multi-segment Windings Considering Insulation Constraints. Journal of Superconductivity and Novel Magnetism, 2021, 34, 1329.	1.8	4
2	Wind turbine transformer improved design method entailing resonance blocking. IET Electric Power Applications, 2018, 12, 1337-1343.	1.8	5
3	Current-Transformer Saturation Prevention Using a Controlled Voltage-Source Compensator. IEEE Transactions on Power Delivery, 2017, 32, 1039-1048.	4.3	22
4	Data Mining of Online Diagnosed Waveforms for Probabilistic Condition Assessment of SF<formula formulatype="inline"><tex Notation="TeX">$_{6}$</tex></formula> Circuit Breakers. IEEE Transactions on Power Delivery, 2015, 30, 1354-1362.	4.3	44
5	Using the finite element method to calculate parameters for a detailed model of transformer winding for partial discharge research. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 709-718.	1.4	14
6	Current-Transformer Saturation Compensation for Transformer Differential Relays. IEEE Transactions on Power Delivery, 2015, 30, 2293-2302.	4.3	67
7	Circuit-Breaker Automated Failure Tracking Based on Coil Current Signature. IEEE Transactions on Power Delivery, 2014, 29, 283-290.	4.3	74
8	Priority Assessment of Online Monitoring Investment for Power System Circuit Breakersâ€”Part II: Determination of Optimum Number. IEEE Transactions on Power Delivery, 2013, 28, 1440-1446.	4.3	19
9	Priority Assessment of Online Monitoring Investment for Power System Circuit Breakersâ€”Part I: Qualitative-Quantitative Approach. IEEE Transactions on Power Delivery, 2013, 28, 928-938.	4.3	29
10	Power Transformers Internal Insulation Design Improvements Using Electric Field Analysis Through Finite-Element Methods. IEEE Transactions on Magnetics, 2008, 44, 273-278.	2.1	35
11	Comparison of Transformer Detailed Models for Fast and Very Fast Transient Studies. IEEE Transactions on Power Delivery, 2008, 23, 733-741.	4.3	86