

# Bo Yao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multitimescale Reliability Evaluation of DC-Link Capacitor Banks in Metro Traction Drive System. IEEE Transactions on Transportation Electrification, 2020, 6, 213-227.	7.8	28
2	Electrothermal Stress Analysis and Lifetime Evaluation of DC-Link Capacitor Banks in the Railway Traction Drive System. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 4269-4284.	5.4	17
3	Design of Common DC-Link Capacitor in Multiple-Drive System Based on Reduced DC-Link Current Harmonics Modulation. IEEE Transactions on Power Electronics, 2022, 37, 9703-9717.	7.9	8
4	A Robust Testing Method for DC and AC Capacitors With Minimum Required Power Supply. IEEE Transactions on Power Electronics, 2022, 37, 4942-4946.	7.9	7
5	A Novel Three-Pulse Equivalent Power Loss Profile for Simplified Thermal Estimation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 6875-6885.	5.4	5
6	Life Estimation of DC-Link Capacitor in Multi-operating Traction Drive System. , 2019, , .		2
7	The optimized lifetime model of DC-link capacitor considering power module faults in traction drive system. , 2019, , .		1
8	An Off-line Parameter Estimation Method for High-order DC-link Filter. , 2022, , .		1
9	A Stress Emulation Method for Concurrent Testing of AC and DC Capacitors. , 2022, , .		1
10	Junction Temperature Estimation for IGBT Modules Through Knee Voltage. , 2022, , .		1
11	Active Design Aided Deep Learning for Reliability of DC-Link Capacitor in Traction Drive System. , 2019, , .		0