

# Mark Thiele

## List of Publications by Year in descending order

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119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate Torque Ripple Measurement for PMSM. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3868-3874.	4.7	43
2	Computationally Efficient Method for Identifying Manufacturing Induced Rotor and Stator Misalignment in Permanent Magnet Brushless Machines. IEEE Transactions on Industry Applications, 2016, 52, 3033-3040.	4.9	23
3	A Systematic Study on the Effects of Dimensional and Materials Tolerances on Permanent Magnet Synchronous Machines Based on the IEEE Std 1812. IEEE Transactions on Industry Applications, 2019, 55, 1360-1371.	4.9	21
4	Modeling of Bearing Voltage in Electric Machines Based on Electromagnetic FEA and Measured Bearing Capacitance. IEEE Transactions on Industry Applications, 2021, 57, 4765-4775.	4.9	12
5	Cogging torque estimation for sensorless PMSM. , 2012, , .		11
6	Decoupling manufacturing sources of cogging torque in fractional pitch PMSM. , 2011, , .		9
7	Evaluation of Bearing Voltage Reduction in Electric Machines by Using Insulated Shaft and Bearings. , 2020, , .		8
8	Identifying cogging torque harmonics affected by misalignment in axial flux fractional pitch PMSM. , 2012, , .		6
9	Combined Numerical and Experimental Determination of Ball Bearing Capacitances for Bearing Current Prediction. , 2020, , .		6
10	Identifying manufacturing induced rotor and stator misalignment in brushless permanent magnet motors. , 2014, , .		5
11	Superposition techniques for analyzing cogging torque sensitivity to manufacturing errors in fractional pitch PMSM. , 2011, , .		3
12	On the Modeling of Bearing Voltage and Current in PWM Converter-fed Electric Machines Using Electromagnetic Finite Element Analysis. , 2021, , .		3
13	Reduction of torque ripple induced acoustic emissions in permanent magnet synchronous motors. , 2017, , .		1