

Yun Le

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Unbalanced Magnetic Pull Disturbance Compensation of Magnetic Bearing Systems in MSCCs. IEEE Transactions on Industrial Electronics, 2023, 70, 4088-4097.	7.9	2
2	Design of Self-Shielded Uniform Magnetic Field Coil via Modified Pigeon-Inspired Optimization in Miniature Atomic Sensors. IEEE Sensors Journal, 2021, 21, 315-324.	4.7	20
3	High-Precision Position Error Correction Method for the PMSM Based on Low-Order Harmonic Suppression. IEEE Transactions on Power Electronics, 2021, 36, 4500-4512.	7.9	12
4	Hybrid Optimal Design of Biplanar Coils With Uniform Magnetic Field or Field Gradient. IEEE Transactions on Industrial Electronics, 2021, 68, 11544-11553.	7.9	23
5	Disturbance Force Self-Sensing and Suppression Method for AMB-Rotor System Based on Disturbance Observer. IEEE Sensors Journal, 2020, , 1-1.	4.7	9
6	Filter Cross-Feedback Control for Nutation Mode of Asymmetric Rotors With Gyroscopic Effects. IEEE/ASME Transactions on Mechatronics, 2020, 25, 248-258.	5.8	30
7	Multidisciplinary Design Strategies for Turbomolecular Pumps With Ultrahigh Vacuum Performance. IEEE Transactions on Industrial Electronics, 2019, 66, 9549-9558.	7.9	9
8	Optimized Differential Self-Inductance Displacement Sensor for Magnetic Bearings: Design, Analysis and Experiment. IEEE Sensors Journal, 2017, 17, 4378-4387.	4.7	24
9	Magnetic flux leakage modelling and optimisation of a CRAHMB for DC motor. IET Electric Power Applications, 2017, 11, 212-221.	1.8	13
10	A Novel 4-DOF Hybrid Magnetic Bearing for DGMSCMG. IEEE Transactions on Industrial Electronics, 2017, 64, 2196-2204.	7.9	50
11	Design and Optimization Method of Magnetic Bearing for High-Speed Motor Considering Eddy Current Effects. IEEE/ASME Transactions on Mechatronics, 2016, 21, 2061-2072.	5.8	52
12	Modeling and Design of 3-DOF Magnetic Bearing for High-Speed Motor Including Eddy-Current Effects and Leakage Effects. IEEE Transactions on Industrial Electronics, 2016, 63, 3656-3665.	7.9	70
13	Design, Modeling, Fabrication, and Test of a Large-Scale Single-Gimbal Magnetically Suspended Control Moment Gyro. IEEE Transactions on Industrial Electronics, 2015, 62, 7424-7435.	7.9	56