

Xin Qiu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Calculation Method for the On-Load Cogging Torque of Permanent Magnet Synchronous Machine. IEEE Access, 2019, 7, 106316-106326.	4.2	14
2	Torque-Angle-Based Direct Torque Control for Interior Permanent-Magnet Synchronous Motor Drivers in Electric Vehicles. Journal of Power Electronics, 2013, 13, 964-974.	1.5	7
3	Optimising the flux barriers of interior permanent magnet machine for noise reduction under certain load conditions. IET Electric Power Applications, 2021, 15, 1512-1528.	1.8	6
4	Optimized Rotor Shape for Reducing Torque Ripple and Electromagnetic Noise. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	6
5	Structural Parameter Optimization to Reduce Cogging Torque of the Consequent Pole In-Wheel Motor. , 2018, , .		5
6	Phase-Inductance-Based Position Estimation Method for Interior Permanent Magnet Synchronous Motors. Energies, 2017, 10, 2002.	3.1	4
7	A High Torque Estimation Accuracy Direct Torque Control of Permanent Magnet Synchronous Motor Based on a Novel Iron Loss Resistance Observer. IEEE Access, 2021, 9, 125822-125829.	4.2	4
8	A 12-sector torque ripple reduction method based on the new zero voltage vectors in direct torque control of BLDCM. , 2017, , .		3
9	Inductance Characteristic Analysis of Consequent-Pole Permanent Magnet In-Wheel Motor. IEEE Access, 2019, 7, 90507-90516.	4.2	3
10	Research on Cogging Torque of PM Synchronous Motors Considering Load Condition. , 2018, , .		2
11	A Simple Control Method for Direct Torque Control of BLDCM with Low Resolution Hall Sensors. , 2018, , .		2
12	A New Field Modulation Machine With Hybrid Magnetic Sources. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	2
13	Analysis of voltage vectors and realization method of torque ripple reduction for BLDCM. IET Power Electronics, 2022, 15, 865-876.	2.1	2
14	Fractional-Order Chaotic Model and Synchronization Control of the Power System with Electromagnetic Power Disturbance of Synchronous Generator. , 2018, , .		0
15	D-q axis inductance characteristics of the consequent-pole motor. , 2019, , .		0
16	A New Field Modulation Machine With Hybrid Magnetic Sources. , 2020, , .		0