Conggan

List of Publications by Year
in descending order

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16	277	1040056 9	940533 16
papers	citations	h-index	g-index

16	16	16	261
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analytical Model of Open-Circuit Air-Gap Field Distribution in Interior Permanent Magnet Machines Based on Magnetic Equivalent Circuit Method and Boundary Conditions of Macroscopic Equations. IEEE Transactions on Magnetics, 2021, 57, 1-9.	2.1	17
2	Analysis and Performance of Five-Phase Piecewise-Random-Switching-Frequency Space Vector Pulse Width Modulation. IEEE Transactions on Energy Conversion, 2021, 36, 2339-2347.	5.2	10
3	Open-Circuit Air-Gap Magnetic Field Calculation of Interior Permanent Magnet Synchronous Motor With V-Shaped Segmented Skewed Poles Using Hybrid Analytical Method. IEEE Transactions on Magnetics, 2021, 57, 1-9.	2.1	9
4	3-D Analytical Model of Armature Reaction Field of IPMSM With Multi-Segmented Skewed Poles and Multi-Layered Flat Wire Winding Considering Current Harmonics. IEEE Access, 2020, 8, 151116-151124.	4.2	7
5	3-D Analytical Model and Direct Measurement Method of Ultra-Thin Open-Circuit Air-Gap Field of Interior Permanent Magnet Synchronous Motor With Multi-Segmented Skew Poles and Multi-Layered Flat Wire Windings for Electric Vehicle. IEEE Transactions on Energy Conversion, 2020, 35, 1316-1326.	5.2	14
6	Eccentric position diagnosis of static eccentricity fault of external rotor permanent magnet synchronous motor as an inâ€wheel motor. IET Electric Power Applications, 2020, 14, 2263-2272.	1.8	7
7	Characteristic analysis and direct measurement for air gap magnetic field of external rotor permanent magnet synchronous motors in electric vehicles. IET Electric Power Applications, 2020, 14, 1784-1794.	1.8	3
8	Effects of static eccentricity on the noâ€load back electromotive force of external rotor permanent magnet brushless DC motor used as inâ€wheel motor. IET Electric Power Applications, 2019, 13, 604-613.	1.8	9
9	Influence of static eccentricity on unbalanced magnetic force of external rotor permanent magnet brushless direct current motor used as Inâ€wheel motor. IET Electric Power Applications, 2019, 13, 538-550.	1.8	14
10	Soundâ€quality diagnosis method of permanent magnet synchronous motor for electric vehicles based on critical band analysis. IET Electric Power Applications, 2019, 13, 1613-1621.	1.8	2
11	Analytical Calculation of No-Load Magnetic Field of External Rotor Permanent Magnet Brushless Direct Current Motor Used as In-Wheel Motor of Electric Vehicle. IEEE Transactions on Magnetics, 2018, 54, 1-6.	2.1	20
12	Analytical model for armature reaction of outer rotor brushless permanent magnet DC motor. IET Electric Power Applications, 2018, 12, 651-657.	1.8	20
13	A Novel Sound Quality Evaluation Method of the Diagnosis of Abnormal Noise in Interior Permanent-Magnet Synchronous Motors for Electric Vehicles. IEEE Transactions on Industrial Electronics, 2017, 64, 3883-3891.	7.9	29
14	Sound Quality Evaluation of the Interior Noise of Pure Electric Vehicle Based on Neural Network Model. IEEE Transactions on Industrial Electronics, 2017, 64, 9442-9450.	7.9	57
15	Sound Quality Evaluation of Noise of Hub Permanent-Magnet Synchronous Motors for Electric Vehicles. IEEE Transactions on Industrial Electronics, 2016, 63, 5663-5673.	7.9	34
16	Black-Box Method of Identification and Diagnosis of Abnormal Noise Sources of Permanent Magnet Synchronous Machines for Electric Vehicles. IEEE Transactions on Industrial Electronics, 2014, 61, 5538-5549.	7.9	25