

Conggan

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Analytical model for armature reaction of outer rotor brushless permanent magnet DC motor. IET Electric Power Applications, 2018, 12, 651-657.	1.8	20
7	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
8	Influence of static eccentricity on unbalanced magnetic force of external rotor permanent magnet brushless direct current motor used as in-wheel motor. IET Electric Power Applications, 2019, 13, 538-550.	1.8	14
9	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
10	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
11	Effects of static eccentricity on the no-load back electromotive force of external rotor permanent magnet brushless DC motor used as in-wheel motor. IET Electric Power Applications, 2019, 13, 604-613.	1.8	9
12	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
13	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
14	Eccentric position diagnosis of static eccentricity fault of external rotor permanent magnet synchronous motor as an in-wheel motor. IET Electric Power Applications, 2020, 14, 2263-2272.	1.8	7
15	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
16	Sound 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