

WenZhe Deng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

324
citations

9
h-index

16
g-index

16
ext. papers

456
ext. citations

5.9
avg, IF

4.25
L-index

#	Paper	IF	Citations
15	A Random Pulse Position-Based Selective Noise Cancellation Modulation Method for SVPWM Driven PMSMs. <i>IEEE Transactions on Energy Conversion</i> , 2022 , 1-1	5.4	1
14	Analysis of the Sideband Electromagnetic Noise in Permanent Magnet Synchronous Motors Generated by Rotor Position Error. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	2
13	Comparison of Eccentricity Impact on Electromagnetic Forces in Internal- and External-Rotor Permanent Magnet Synchronous Motors. <i>IEEE Transactions on Transportation Electrification</i> , 2021 , 1-1	7.6	1
12	Noise reduction of axial-flux motors by combining various pole-arc coefficients and circumferential shifting of permanent magnets: analytical approach. <i>IET Electric Power Applications</i> , 2019 , 13, 951-957	1.8	5
11	Comparative Study of Sideband Electromagnetic Force in Internal and External Rotor PMSMs With SVPWM Technique. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 956-966	8.9	22
10	Electromagnetic Vibration and Noise of the Permanent-Magnet Synchronous Motors for Electric Vehicles: An Overview. <i>IEEE Transactions on Transportation Electrification</i> , 2019 , 5, 59-70	7.6	49
9	Modeling and Analysis of Acoustic Noise in External Rotor In-Wheel Motor Considering Doppler Effect. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 4524-4533	8.9	18
8	Axial Force and Vibroacoustic Analysis of External-Rotor Axial-Flux Motors. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 2018-2030	8.9	33
7	Impact of rotor eccentricity on electromagnetic vibration and noise of permanent magnet synchronous motor. <i>Journal of Vibroengineering</i> , 2018 , 20, 923-935	0.5	10
6	Analytical Modeling of the Electromagnetic Vibration and Noise for an External-Rotor Axial-Flux in-Wheel Motor. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 1991-2000	8.9	23
5	Noise Prediction and Sound Quality Analysis of Variable-Speed Permanent Magnet Synchronous Motor. <i>IEEE Transactions on Energy Conversion</i> , 2017 , 32, 698-706	5.4	30
4	Influence of pole and slot combinations on vibration and noise in external rotor axial flux in-wheel motors. <i>IET Electric Power Applications</i> , 2017 , 11, 586-594	1.8	20
3	Investigation of vibration and noise characteristics in axial flux permanent magnet synchronous motor with different magnet shapes 2016 ,		1
2	Numerical prediction and analysis of electromagnetic vibration and noise of claw pole alternator 2016 ,		1
1	Modeling and Analysis of Electromagnetic Force, Vibration, and Noise in Permanent-Magnet Synchronous Motor Considering Current Harmonics. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 7455-7466	8.9	108