WenZhe Deng

List of Publications by Citations

15	324	9	16
papers	citations	h-index	g-index

16	456	5.9	4.25
ext. papers	ext. citations	avg, IF	L-index

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