

Hoon-Ki Lee

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electro-Mechanical Characteristics Analysis and Experimental Study of PMSM According to Rotor Eccentricity. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	1
2	Design and Analysis Considering Magnet Usage of Permanent Magnet Synchronous Generator Using Analytical Method. Electronics (Switzerland), 2022, 11, 205.	3.1	3
3	Electromagnetic Characteristic Analysis of High-Speed Motors With Rare-Earth and Ferrite Permanent Magnets Considering Current Harmonics. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	12
4	Analytical Study and Comparison of Electromagnetic Characteristics of 8-Pole 9-Slot and 8-Pole 12-Slot Permanent Magnet Synchronous Machines Considering Rotor Eccentricity. Electronics (Switzerland), 2021, 10, 2036.	3.1	3
5	Design of the High-Speed PMSG with Two Different Shaft Material Considering Overhang Effect and Mechanical Characteristics. Applied Sciences (Switzerland), 2021, 11, 7670.	2.5	3
6	Experimental Verification and Analytical Approach for Electromagnetic Characteristics of a High-Speed Permanent Magnet Motor with Two Different Rotors and Winding Patterns. Applied Sciences (Switzerland), 2021, 11, 9060.	2.5	1
7	Prediction of Power Generation Performance of Wound Rotor Synchronous Generator Using Nonlinear Magnetic Equivalent Circuit Method. Energies, 2021, 14, 6190.	3.1	0
8	Electromagnetic Characteristic Analysis of Permanent Magnet Synchronous Machine Considering Current Waveform According to Static Rotor Eccentricity. Applied Sciences (Switzerland), 2020, 10, 8453.	2.5	2
9	Experimental and Comparative Study of Rotor Vibrations of Permanent Magnet Machines with Two Different Fractional Pole/Slot Combinations. Applied Sciences (Switzerland), 2020, 10, 8792.	2.5	1
10	Experimental Verification and Analytical Study of Influence of Rotor Eccentricity on Electromagnetic Characteristics of Permanent Magnet Machine. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	7
11	Characteristics analysis of a high-speed permanent magnet synchronous generator considering magnetic reactance derived from short circuit analysis. AIP Advances, 2019, 9, 125337.	1.3	0
12	Characteristic Analysis of a V-Shape Interior Permanent Magnet Synchronous Motor According to Design Parameter. , 2018, , .		5