

# Chan-Bae Park

## List of Publications by Year in descending order

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16  
papers

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docs citations

16  
times ranked

125  
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#	ARTICLE	IF	CITATIONS
1	A Study on MG-PMSM for High Torque Density of 45 kW Class Tram Driving System. Energies, 2022, 15, 1749.	3.1	6
2	Voltage Multiplier with High Input/Output Voltage Gain from Center-Tap Rectifier-Voltage Tripler and Quadrupler. Electronics (Switzerland), 2022, 11, 1188.	3.1	0
3	Design and Analysis of the 45kW-Class Magnetic Geared Permanent Magnet Synchronous Motor for Traction of Tram Vehicles. Applied Sciences (Switzerland), 2021, 11, 6360.	2.5	6
4	A study on the design of propulsion/levitation/guidance integrated DSLIM with non-symmetric structure. AIP Advances, 2020, 10, 025031.	1.3	5
5	Performance verification of DR-PMSM for traction system according to permanent magnet shape. AIP Advances, 2020, 10, .	1.3	7
6	Optimal design of a 314kW-class IPMSM for railway vehicles using hydrogen fuel cells. AIP Advances, 2020, 10, 025115.	1.3	0
7	Wireless Tram Propulsion System Specification Analysis and Magnetic Gear Design Strategy. Journal of the Korean Society for Railway, 2020, 23, 784-793.	0.1	1
8	A Study on the Thermal Characteristics of the 210kW-class IPMSM for Urban Railway Vehicles with the Water-Cooling Jacket Shape. Journal of Electrical Engineering and Technology, 2019, 14, 677-684.	2.0	1
9	A study on de-icing for railway turnouts using 250kHz-200W-class induction heating system. AIP Advances, 2019, 9, .	1.3	8
10	A Study on the Reduction of Cogging Torque for the Skew of a Magnetic Geared Synchronous Motor. IEEE Transactions on Magnetics, 2019, 55, 1-5.	2.1	28
11	A Study of Non-Symmetric Double-Sided Linear Induction Motor for Hyperloop All-In-One System (Propulsion, Levitation, and Guidance). IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	52
12	Performance Comparison Between the Normal-Conducting Magnet and the Superconducting Magnet in LSM for High-Speed Propulsion. IEEE Transactions on Magnetics, 2017, 53, 1-6.	2.1	5
13	Design and analysis of magnetic-g geared permanent magnet synchronous motor for driving electric vehicles. , 2017, , .		7
14	Thermal Characteristic Analysis of IPMSM for Traction Considering a Driving Pattern of Urban Railway Vehicles. Transactions of the Korean Institute of Electrical Engineers, 2014, 63, 431-436.	0.1	3
15	A Study on the Thermal Characteristics of 110kW-class IPMSM for Light Railway Transit using the 3-Dimensional Thermal Equivalent Network considering Heat Source by Iron Loss Density Distributions. Transactions of the Korean Institute of Electrical Engineers, 2013, 62, 1038-1044.	0.1	4
16	Investigation of a Thermal Analysis Method for IPMSM in Railway Vehicles. Journal of the Korean Society for Railway, 2013, 16, 99-103.	0.1	5