

# Min-Ro Park

## List of Publications by Year in descending order

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papers

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Design of High-Speed Multilayer IPMSM Using Ferrite PM for EV Traction Considering Mechanical and Electrical Characteristics. IEEE Transactions on Industry Applications, 2021, 57, 327-339.	4.9	41
2	Asymmetric Rotor Design of IPMSM for Vibration Reduction Under Certain Load Condition. IEEE Transactions on Energy Conversion, 2020, 35, 928-937.	5.2	38
3	Advanced Method of Selecting Number of Poles and Slots for Low-Frequency Vibration Reduction of Traction Motor for Elevator. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1554-1562.	5.8	36
4	Characteristics of IPMSM According to Rotor Design Considering Nonlinearity of Permanent Magnet. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	22
5	High Efficiency PMSM With High Slot Fill Factor Coil for Heavy-Duty EV Traction Considering AC Resistance. IEEE Transactions on Energy Conversion, 2021, 36, 883-894.	5.2	22
6	Design of High Torque Density Multi-Core Concentrated Flux-Type Synchronous Motors Considering Vibration Characteristics. IEEE Transactions on Industry Applications, 2019, 55, 1351-1359.	4.9	20
7	Robust Design Optimization of SPMSM for Robotic Actuator Considering Assembly Imperfection of Segmented Stator Core. IEEE Transactions on Energy Conversion, 2020, 35, 2076-2085.	5.2	14
8	Estimation Method for Rotor Eddy Current Loss in Ultrahigh-Speed Surface-Mounted Permanent Magnet Synchronous Motor. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	12
9	Sizing and optimization process of hybrid electric propulsion system for heavy-duty vehicle based on Gaussian process modeling considering traction motor characteristics. Renewable and Sustainable Energy Reviews, 2022, 161, 112286.	16.4	10
10	Estimation of Rotor Type Using Ferrite Magnet Considering the Magnetization Process. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	9
11	Modeling, Design and Control of Wound-Field Synchronous Motor for High Energy Efficiency of Electric Vehicle. , 2019, , .		8
12	Optimum Design of Sensorless-Oriented IPMSM Considering Torque Characteristics. IEEE Transactions on Magnetics, 2020, 56, 1-4.	2.1	8
13	Multipolar High-Speed IPMSM Design for EV Traction Considering Mechanical Stress. , 2016, , .		4
14	Computationally Cost-efficient Characteristics Analysis of EV Traction Motor considering AC Copper Loss based on 2-D Magneto-Static Analysis. , 2020, , .		4
15	High energy efficiency oriented-control and design of WFSM based on driving condition of electric vehicle. Mechatronics, 2022, 81, 102696.	3.3	4
16	Design of high torque density multi-core concentrated flux-type synchronous motors considering vibration characteristic. , 2017, , .		3
17	Marker-Based Method for Recognition of Camera Position for Mobile Robots. Sensors, 2021, 21, 1077.	3.8	2
18	Design of the High Efficiency IPMSM Considering the Operating Point with Different Characteristic. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Analysis on Noise Source of Claw Pole Machine in Belt-driven System. , 2021, , .		1
20	Analysis of Effect of the Magnetization Distribution of Multi-Pole PM on SPMSM Performance Using Equivalent Magnetic Circuit Considering Dead Zone. Energies, 2021, 14, 3279.	3.1	0
21	A Study on the Environmental-Based Turning Characteristics of Multi-Purpose Agricultural Robots. The Journal of Korea Robotics Society, 2021, 16, 319-326.	0.4	0