

Min-Ro Park

List of Publications by Year in descending order

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21
papers

259
citations

1040056

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times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	High energy efficiency oriented-control and design of WFSM based on driving condition of electric vehicle. <i>Mechatronics</i> , 2022, 81, 102696.	3.3	4
2	Sizing and optimization process of hybrid electric propulsion system for heavy-duty vehicle based on Gaussian process modeling considering traction motor characteristics. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 161, 112286.	16.4	10
3	Estimation Method for Rotor Eddy Current Loss in Ultrahigh-Speed Surface-Mounted Permanent Magnet Synchronous Motor. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-5.	2.1	12
4	Design of High-Speed Multilayer IPMSM Using Ferrite PM for EV Traction Considering Mechanical and Electrical Characteristics. <i>IEEE Transactions on Industry Applications</i> , 2021, 57, 327-339.	4.9	41
5	Marker-Based Method for Recognition of Camera Position for Mobile Robots. <i>Sensors</i> , 2021, 21, 1077.	3.8	2
6	Analysis of Effect of the Magnetization Distribution of Multi-Pole PM on SPMSM Performance Using Equivalent Magnetic Circuit Considering Dead Zone. <i>Energies</i> , 2021, 14, 3279.	3.1	0
7	High Efficiency PMSM With High Slot Fill Factor Coil for Heavy-Duty EV Traction Considering AC Resistance. <i>IEEE Transactions on Energy Conversion</i> , 2021, 36, 883-894.	5.2	22
8	A Study on the Environmental-Based Turning Characteristics of Multi-Purpose Agricultural Robots. <i>The Journal of Korea Robotics Society</i> , 2021, 16, 319-326.	0.4	0
9	Analysis on Noise Source of Claw Pole Machine in Belt-driven System. , 2021, , .		1
10	Optimum Design of Sensorless-Oriented IPMSM Considering Torque Characteristics. <i>IEEE Transactions on Magnetics</i> , 2020, 56, 1-4.	2.1	8
11	Computationally Cost-efficient Characteristics Analysis of EV Traction Motor considering AC Copper Loss based on 2-D Magneto-Static Analysis. , 2020, , .		4
12	Robust Design Optimization of SPMSM for Robotic Actuator Considering Assembly Imperfection of Segmented Stator Core. <i>IEEE Transactions on Energy Conversion</i> , 2020, 35, 2076-2085.	5.2	14
13	Asymmetric Rotor Design of IPMSM for Vibration Reduction Under Certain Load Condition. <i>IEEE Transactions on Energy Conversion</i> , 2020, 35, 928-937.	5.2	38
14	Design of the High Efficiency IPMSM Considering the Operating Point with Different Characteristic. , 2019, , .		1
15	Modeling, Design and Control of Wound-Field Synchronous Motor for High Energy Efficiency of Electric Vehicle. , 2019, , .		8
16	Design of High Torque Density Multi-Core Concentrated Flux-Type Synchronous Motors Considering Vibration Characteristics. <i>IEEE Transactions on Industry Applications</i> , 2019, 55, 1351-1359.	4.9	20
17	Advanced Method of Selecting Number of Poles and Slots for Low-Frequency Vibration Reduction of Traction Motor for Elevator. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017, 22, 1554-1562.	5.8	36
18	Design of high torque density multi-core concentrated flux-type synchronous motors considering vibration characteristic. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Multipolar High-Speed IPMSM Design for EV Traction Considering Mechanical Stress. , 2016, , .		4
20	Estimation of Rotor Type Using Ferrite Magnet Considering the Magnetization Process. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	9
21	Characteristics of IPMSM According to Rotor Design Considering Nonlinearity of Permanent Magnet. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	22