

Ramin Alipour_Sarabi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Improved Winding Proposal for Wound Rotor Resolver Using Genetic Algorithm and Winding Function Approach. IEEE Transactions on Industrial Electronics, 2019, 66, 1325-1334.	5.2	53
2	Development of a Three-Dimensional Magnetic Equivalent Circuit Model for Axial Flux Machines. IEEE Transactions on Industrial Electronics, 2020, 67, 5758-5767.	5.2	47
3	Performance Analysis of Concentrated Wound-Rotor Resolver for Its Applications in High Pole Number Permanent Magnet Motors. IEEE Sensors Journal, 2017, 17, 7877-7885.	2.4	43
4	Effects of Physical Parameters on the Accuracy of Axial Flux Resolvers. IEEE Transactions on Magnetics, 2017, 53, 1-11.	1.2	34
5	Analysis of Winding Configurations and Slot-Pole Combinations in Fractional-Slots Resolvers. IEEE Sensors Journal, 2017, 17, 4420-4428.	2.4	32
6	Challenges of Finite Element Analysis of Resolvers. IEEE Transactions on Energy Conversion, 2019, 34, 973-983.	3.7	28
7	Proposal of Winding Function Model for Geometrical Optimization of Linear Sinusoidal Area Resolvers. IEEE Sensors Journal, 2019, 19, 5506-5513.	2.4	27
8	Performance Evaluation of Disk Type Variable Reluctance Resolvers. IEEE Sensors Journal, 2017, 17, 4037-4045.	2.4	26
9	Magnetic Equivalent Circuit Model for Wound Rotor Resolver Without Rotary Transformer's Core. IEEE Sensors Journal, 2018, 18, 8693-8700.	2.4	25
10	Design Optimization of a Double-Stage Resolver. IEEE Transactions on Vehicular Technology, 2019, 68, 5407-5415.	3.9	15
11	Influence of Different Installation Configurations on the Position Error of a Multiturn Wound-Rotor Resolver. IEEE Sensors Journal, 2020, 20, 5785-5792.	2.4	15
12	Slotless Disk Type Resolver: A Solution to Improve the Accuracy of Multi-Speed Wound Rotor Resolvers. IEEE Transactions on Transportation Electrification, 2022, 8, 1493-1500.	5.3	9
13	Design Considerations of Multi-Turn Wound-Rotor Resolvers*, 2019, , .		6
14	Linearized Resolver. , 2018, , .		4
15	Selection of Excitation Signal Waveform for Improved Performance of Wound-Rotor Resolver*, 2019, , .		2
16	Design and Simulation of New Soft-switched Three-Port Half Bridge Converter with Extended ZVS Range. , 2019, , .		1