Ramin Alipour_Sarabi

List of Publications by Citations

14 papers	244 citations	10 h-index	15 g-index
16 ext. papers	296 ext. citations	4.9 avg, IF	3.89 L-index

#	Paper	IF	Citations
14	Performance Analysis of Concentrated Wound-Rotor Resolver for Its Applications in High Pole Number Permanent Magnet Motors. *IEEE Sensors Journal*, **2017**, 17, 7877-7885	4	34
13	Improved Winding Proposal for Wound Rotor Resolver Using Genetic Algorithm and Winding Function Approach. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 1325-1334	8.9	34
12	Effects of Physical Parameters on the Accuracy of Axial Flux Resolvers. *IEEE Transactions on Magnetics*, **2017**, 53, 1-11	2	26
11	Analysis of Winding Configurations and Slot-Pole Combinations in Fractional-Slots Resolvers. *IEEE Sensors Journal*, **2017**, 17, 4420-4428	4	24
10	Development of a Three-Dimensional Magnetic Equivalent Circuit Model for Axial Flux Machines. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 5758-5767	8.9	23
9	Performance Evaluation of Disk Type Variable Reluctance Resolvers. *IEEE Sensors Journal*, **2017**, 17, 4037-4045	4	22
8	Challenges of Finite Element Analysis of Resolvers. *IEEE Transactions on Energy Conversion*, **2019**, 34, 973-983	5.4	17
7	Magnetic Equivalent Circuit Model for Wound Rotor Resolver Without Rotary Transformer's Core. *IEEE Sensors Journal*, **2018**, 18, 8693-8700	4	17
6	Proposal of Winding Function Model for Geometrical Optimization of Linear Sinusoidal Area Resolvers. *IEEE Sensors Journal*, **2019**, 19, 5506-5513	4	16
5	Design Optimization of a Double-Stage Resolver. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 5407-5415	6.8	11
4	Influence of Different Installation Configurations on the Position Error of a Multiturn Wound-Rotor Resolver. *IEEE Sensors Journal*, **2020**, 20, 5785-5792	4	7
3	**2019**,		6
2	Slotless Disk Type Resolver: A Solution to Improve the Accuracy of Multi-Speed Wound Rotor Resolvers. *IEEE Transactions on Transportation Electrification*, **2021**, 1-1	7.6	4
1	Linearized Resolver **2018**,		2