

Ragavan K

List of Publications by Year in descending order

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17
papers

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citations

1684188

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19
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19
docs citations

19
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Tracking of Grid Variables Using Prefiltered Synchronous Reference Frame PLL. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1826-1836.	4.7	42
2	Single-Phase Grid Voltage Attributes Tracking for the Control of Grid Power Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2014, 2, 1041-1048.	5.4	37
3	Power Management Based Current Control Technique for Photovoltaic-Battery Assisted Wind-Hydro Hybrid System. International Journal of Emerging Electric Power Systems, 2013, 14, 351-362.	0.8	20
4	Adaptive sampling period adjusted sliding DFT for synchronous reference frame PLL. , 2014, , .		7
5	Convergence Behaviour of Newton-Raphson Method in Node- and Loop-Based Non-linear Magnetic Equivalent Circuit Analysis. , 2020, , .		7
6	A comparative study of speed control methods for induction motor fed by three level inverter. , 2016, , .		6
7	Estimation of Transformer Winding Capacitances through Frequency Response Analysis - An Experimental Investigation. International Journal of Emerging Electric Power Systems, 2013, 14, 549-559.	0.8	5
8	A Compact Expression for Cogging Torque Considering Both Radial and Tangential Fields for Surface-Mounted PM Motors. IEEE Transactions on Magnetics, 2018, 54, 1-12.	2.1	5
9	A novel hybrid flux machine with transverse flux stator and longitudinal flux rotor. Electrical Engineering, 2020, 102, 1413-1422.	2.0	3
10	Separation of torque components using Frozen Permeability and Maxwell Stress Tensor. , 2017, , .		2
11	Magnetic Equivalent Circuit for Surface-Mounted PM Motor. , 2018, , .		2
12	Method-Specific Significance of Field Components in Three Methods of Torque Estimation. IEEE Transactions on Magnetics, 2019, 55, 1-9.	2.1	2
13	Analysis on demagnetization characteristics of spoke configured Interior Permanent Magnet rotors. , 2014, , .		1
14	Effect of Winding Layer and Segmented Rotor on Performance of Surface-mounted PMSM. , 2020, , .		1
15	Design, Simulation, and Analysis of Switched Reluctance Motor for High-Speed Applications. , 2021, , .		1
16	Alternate Tooth Wound PM Motor design for Inductance based Position Estimation. , 2020, , .		0
17	Effect of Multi-Layered Winding on Eddy Current Loss in Magnets of PMSM. , 2020, , .		0