Lenin N C

List of Publications by Year
in descending order

25 papers	336 citations	1307594 7 h-index	940533 16 g-index
25 all docs	25 docs citations	25 times ranked	385 citing authors

#	Article	IF	Citations
1	High Power Density Electrical Machines for Electric Vehiclesâ€"Comprehensive Review Based on Material Technology. IEEE Transactions on Magnetics, 2019, 55, 1-21.	2.1	99
2	Review of recent advancements of direct torque control in induction motor drives â€“ a decade of progress. IET Power Electronics, 2018, 11, 1-15.	2.1	88
3	Multi-objective optimization in single-row layout design using a genetic algorithm. International Journal of Advanced Manufacturing Technology, 2013, 67, 1777-1790.	3.0	22
4	A simple heuristic for linear sequencing of machines in layout design. International Journal of Production Research, 2011, 49, 6749-6768.	7.5	21
5	Review on the evolution of technology advancements and applications of lineâ€start synchronous machines. IET Electric Power Applications, 2019, 13, 1-16.	1.8	21
6	A Tabu Search for Multi-Objective Single Row Facility Layout Problem. Journal of Advanced Manufacturing Systems, 2014, 13, 17-40.	1.0	20
7	Review based on losses, torque ripple, vibration and noise in switched reluctance motor. IET Electric Power Applications, 2020, 14, 1311-1326.	1.8	19
8	A novel line start synchronous reluctance motor. , 2015, , .		7
9	Singleâ€phase directâ€onâ€line synchronous motor for a specific application in comparison with an induction motor. International Transactions on Electrical Energy Systems, 2019, 29, e2809.	1.9	7
10	Force Profiles of a Linear Switched Reluctance Motor Having Special Pole Face Shapes. Advances in Electrical and Computer Engineering, 2010, 10, 129-134.	0.9	7
11	Linear Synchronous Reluctance Motorâ€"A Comprehensive Review. Lecture Notes in Electrical Engineering, 2018, , 45-70.	0.4	5
12	Selfâ€start synchronous reluctance motor new rotor designs and its performance characteristics. International Transactions on Electrical Energy Systems, 2019, 29, e12098.	1.9	3
13	Influence of rotor cage resistance in torque ripple reduction for line start synchronous machines. IET Electric Power Applications, 2019, 13, 1921-1934.	1.8	3
14	Analysis of Linear Switched Reluctance Motor having gashed pole. , 2014, , .		2
15	Experimental Comparison of a 70 Watt Switched Reluctance Machine with Different Types of Converter Topologies. Energy Procedia, 2017, 117, 306-313.	1.8	2
16	Performance Analysis of Single-Phase Electrical Machine for Military Applications. Energies, 2019, 12, 2285.	3.1	2
17	Analysis and characterization of linear switched reluctance motors: Static, dynamic, frequency spectrum and thermal analyses. , 2010, , .		1
18	Acoustic noise, vibration, harmonics, thermal of three phase linear switched reluctance machines. , 2010, , .		1

#	Article	IF	Citations
19	Analysis on the stators of Linear Switched Reluctance Machine in relation to vibration problems. , 2011, , .		1
20	Analysis of Linear Switched Reluctance Motor having gashed pole. , 2014, , .		1
21	Harmonics Study of Five Phase Induction Machine with Different Winding Approaches for Traction. , 2019, , .		1
22	Graphene: future of high power density electrical machines for electric vehicle applications. International Journal of Electric and Hybrid Vehicles, 2020, 12, 130.	0.3	1
23	A unified design procedure for switched reluctance motor. , 2007, , .		1
24	Voltage Harmonics Impact on Line Start Permanent Magnet Synchronous Motor: A New Computational Method. Arabian Journal for Science and Engineering, 2022, 47, 14377-14388.	3.0	1
25	Current ripple reduction to improve electromagnetic torque and flux characteristics in AC drives. International Journal of Electronics, 0, , 1-22.	1.4	0