

# Lenin N C

## List of Publications by Year in descending order

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25  
papers

336  
citations

1307594

7  
h-index

940533

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g-index

25  
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docs citations

25  
times ranked

385  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Review based on losses, torque ripple, vibration and noise in switched reluctance motor. IET Electric Power Applications, 2020, 14, 1311-1326.	1.8	19
4	Performance Analysis of Single-Phase Electrical Machine for Military Applications. Energies, 2019, 12, 2285.	3.1	2
5	Self-start synchronous reluctance motor new rotor designs and its performance characteristics. International Transactions on Electrical Energy Systems, 2019, 29, e12098.	1.9	3
6	High Power Density Electrical Machines for Electric Vehicles – Comprehensive Review Based on Material Technology. IEEE Transactions on Magnetics, 2019, 55, 1-21.	2.1	99
7	Review on the evolution of technology advancements and applications of line-start synchronous machines. IET Electric Power Applications, 2019, 13, 1-16.	1.8	21
8	Harmonics Study of Five Phase Induction Machine with Different Winding Approaches for Traction. , 2019, , .		1
9	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
10	Single-phase direct-on-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
11	Review of recent advancements of direct torque control in induction motor drives – a decade of progress. IET Power Electronics, 2018, 11, 1-15.	2.1	88
12	Linear Synchronous Reluctance Motor – A Comprehensive Review. Lecture Notes in Electrical Engineering, 2018, , 45-70.	0.4	5
13	Experimental Comparison of a 70 Watt Switched Reluctance Machine with Different Types of Converter Topologies. Energy Procedia, 2017, 117, 306-313.	1.8	2
14	A novel line start synchronous reluctance motor. , 2015, , .		7
15	A Tabu Search for Multi-Objective Single Row Facility Layout Problem. Journal of Advanced Manufacturing Systems, 2014, 13, 17-40.	1.0	20
16	Analysis of Linear Switched Reluctance Motor having gashed pole. , 2014, , .		2
17	Analysis of Linear Switched Reluctance Motor having gashed pole. , 2014, , .		1
18	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

#	ARTICLE	IF	CITATIONS
19	Analysis on the stators of Linear Switched Reluctance Machine in relation to vibration problems. , 2011, , .		1
20	A simple heuristic for linear sequencing of machines in layout design. International Journal of Production Research, 2011, 49, 6749-6768.	7.5	21
21	Analysis and characterization of linear switched reluctance motors: Static, dynamic, frequency spectrum and thermal analyses. , 2010, , .		1
22	Acoustic noise, vibration, harmonics, thermal of three phase linear switched reluctance machines. , 2010, , .		1
23	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
24	A unified design procedure for switched reluctance motor. , 2007, , .		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