

# Seyed Ehsan Abdollahi

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design and Analysis of a Double-Sided Linear Induction Motor for Transportation. IEEE Transactions on Magnetics, 2015, 51, 1-7.	2.1	68
2	Reducing Cogging Torque in Flux Switching Motors With Segmented Rotor. IEEE Transactions on Magnetics, 2013, 49, 5304-5309.	2.1	53
3	Analytical Modeling of Axial Air Gap Solid Rotor Induction Machines Using a Quasi-Three-Dimensional Method. IEEE Transactions on Magnetics, 2007, 43, 3237-3242.	2.1	44
4	Multiobjective Design Optimization of a Double-Sided Flux Switching Permanent Magnet Generator for Counter-Rotating Wind Turbine Applications. IEEE Transactions on Industrial Electronics, 2021, 68, 6640-6649.	7.9	32
5	A Large Linear Interior Permanent Magnet Motor for Electromagnetic Launcher. IEEE Transactions on Plasma Science, 2011, 39, 1566-1570.	1.3	28
6	Back EMF Analysis of a Novel Linear Flux Switching Motor With Segmented Secondary. IEEE Transactions on Magnetics, 2014, 50, 1-9.	2.1	23
7	Design Optimization of Reluctance-Synchronous Linear Machines for Electromagnetic Aircraft Launch System. IEEE Transactions on Magnetics, 2009, 45, 389-395.	2.1	22
8	Analysis of a Novel Transverse Laminated Rotor Flux Switching Machine. IEEE Transactions on Energy Conversion, 2018, 33, 1193-1202.	5.2	21
9	Effect of Rotor Topology on the Performance of Counter-Rotating Double-Sided Flux Switching Permanent Magnet Generator. IEEE Transactions on Energy Conversion, 2022, 37, 65-74.	5.2	14
10	Precise $dq$ model development of linear flux switching motors with segmented secondary for rail transportation applications. IET Electric Power Applications, 2018, 12, 213-221.	1.8	9
11	Design of an Outer Rotor Flux Switching Permanent Magnet Generator for Wind Turbine. , 2020, , .		5
12	Winding Function Model of a 6/7 Variable Flux Reluctance Machine. , 2020, , .		5
13	Analysis and optimization of a 12/14 double-stator flux-switching machine using low cost magnet. IET Electric Power Applications, 2021, 15, 129-144.	1.8	5
14	Enhancement of dynamic wireless power transfer system by model predictive control. IET Power Electronics, 2022, 15, 67-79.	2.1	4
15	Design of a high speed interior claw synchronous reluctance machine. International Transactions on Electrical Energy Systems, 2021, 31, .	1.9	4
16	Multi-objective Optimization of a Permanent Magnet Synchronous Motor for Gearless Elevator. , 2021, , .		3
17	Performance analysis of a SMC core linear permanent magnet motor. , 2018, , .		1
18	Design of a New Topology Flux Switching Machine for Direct Drive Wind Power Application. , 2019, , .		1