

Yu-Seop Park

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Investigation on Connected System of Axial-Flux Permanent Magnet Synchronous Generator and Linear Induction Motor. Canadian Journal of Electrical and Computer Engineering, 2022, 45, 18-23.	2.0	2
2	Performance Evaluation of Radial- and Axial-Flux PM Wind Power Generators With Mechanical Energy Storage System. IEEE Transactions on Energy Conversion, 2015, 30, 237-245.	5.2	18
3	Electromagnetic Vibration Analysis and Measurements of Double-Sided Axial-Flux Permanent Magnet Generator With Slotless Stator. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	13
4	Influence of Rotor Overhang Variation on Generating Performance of Axial Flux Permanent Magnet Machine Based on 3-D Analytical Method. IEEE Transactions on Magnetics, 2014, 50, 1-5.	2.1	10
5	Dynamic Characteristic Analysis of Interior Permanent Magnet Synchronous Motor Considering Varied Parameters by Outer Disturbance Based on Electromagnetic Field Analysis. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	7
6	Characteristic Analysis of Direct-Drive Wind Power Generator considering Permanent Magnet Shape and Skew Effects to Reduce Torque Ripple Based on Analytical Approach. IEEE Transactions on Magnetics, 2013, 49, 3917-3920.	2.1	7
7	Comparative Investigation on Integrated System of Permanent Magnet Synchronous Generator and Power Converter Based on Machine Topology for Small-Scale Wind Power Application. IEEE Transactions on Magnetics, 2013, 49, 3846-3849.	2.1	10
8	Operating Range Evaluation of Double-Side Permanent Magnet Synchronous Motor/Generator for Flywheel Energy Storage System. IEEE Transactions on Magnetics, 2013, 49, 4076-4079.	2.1	24
9	Characteristic Analysis of Grid-Connected PM Wind Power Generators based on Transfer Relations and Performance Evaluation. IEEE Transactions on Energy Conversion, 2013, 28, 969-978.	5.2	4
10	Influence of AC-DC-DC converter on radial/axial flux permanent magnet wind power generators with mechanical energy storage system. , 2013, , .		1
11	Characteristic analysis and comparison of axial flux machines according to magnetization pattern for 500â€‰W-class wind power generator application. Journal of Applied Physics, 2012, 111, .	2.5	0
12	Operating characteristics of linear induction motor driven by SVPWM inverter with reference scenario for speed control. , 2012, , .		0
13	Condition monitoring of squirrel cage induction motor through torque evaluation. , 2012, , .		1
14	Characteristic Analysis on Axial Flux Permanent Magnet Synchronous Generator Considering Wind Turbine Characteristics According to Wind Speed for Small-Scale Power Application. IEEE Transactions on Magnetics, 2012, 48, 2937-2940.	2.1	30
15	Characteristic Analysis on the Influence of Misaligned Rotor Position of Double-Sided Axial Flux Permanent Magnet Machine and Experimental Verification. IEEE Transactions on Magnetics, 2012, 48, 2941-2944.	2.1	6
16	Improved Analytical Modeling of Axial Flux Machine With a Double-Sided Permanent Magnet Rotor and Slotless Stator Based on an Analytical Method. IEEE Transactions on Magnetics, 2012, 48, 2945-2948.	2.1	37
17	Fault detection of squirrel cage induction motor by analyzing motor current signals. , 2012, , .		0
18	Design and Electromagnetic Field Characteristic Analysis of 1.5 kW Small Scale Wind Power Generator for Substitution of Nd-Fe-B to Ferrite Permanent Magnet. IEEE Transactions on Magnetics, 2012, 48, 2933-2936.	2.1	36

#	ARTICLE	IF	CITATIONS
19	Experimental Verification and Electromagnetic Analysis for Performance of Interior PM Motor According to Slot/Pole Number Combination. IEEE Transactions on Magnetics, 2012, 48, 987-990.	2.1	18
20	Torque analysis of axial flux PM type eddy current brake based on analytical field computations. , 2011, , .		5
21	Dynamic Characteristics of a Linear Induction Motor for Predicting Operating Performance of Magnetic Levitation Vehicles Based on Electromagnetic Field Theory. IEEE Transactions on Magnetics, 2011, 47, 3673-3676.	2.1	73
22	Magnetic field computation of axial flux permanent magnet machines with Halbach and axially magnetized rotor using quasi-3-D analysis modeling. , 2010, , .		1
23	Electromagnetic performance evaluation of synchronous generator with outer permanent magnet rotor considering wind power turbine characteristics. , 2010, , .		0
24	Dynamic characteristics considering vehicle load and jerk condition of Linear Induction Motor by using equivalent circuit with electro-magnetic field theory. , 2010, , .		1
25	Coupling 3D finite element method and electro-magnetic field theory for optimized secondary overhang design of Linear Induction Motor. , 2010, , .		0