

Jung-Ho Lee

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical torque calculation and experimental verification of synchronous permanent magnet couplings with Halbach arrays. AIP Advances, 2018, 8, .	1.3	5
2	A study of flux control for high-efficiency speed control of variable flux permanent magnet motor. AIP Advances, 2018, 8, .	1.3	3
3	Design of spoke type motor and magnetizer for improving efficiency based rare-earth-free permanent-magnet motor. AIP Advances, 2018, 8, 056645.	1.3	4
4	Study on optimal design of 210kW traction IPMSM considering thermal demagnetization characteristics. AIP Advances, 2018, 8, 047504.	1.3	5
5	Optimum Design of ALA-SynRM for Direct Drive Electric Valve Actuator. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	13
6	Optimum design for CW-SynRM with loss and efficiency evaluations, using coupled Preisach model and FEM and experimentation. International Journal of Applied Electromagnetics and Mechanics, 2013, 43, 25-36.	0.6	1
7	Loss & efficiency evaluations of SynRM according to windings type by coupled Preisach models & FEM and experiment. , 2012, , .		2
8	Optimum Shape Design Solution of Flux Switching Motor Using Response Surface Methodology and New Type Winding. IEEE Transactions on Magnetics, 2012, 48, 1637-1640.	2.1	14
9	Optimum Design Criteria for Maximum Torque and Efficiency of a Line-Start Permanent-Magnet Motor Using Response Surface Methodology and Finite Element Method. IEEE Transactions on Magnetics, 2012, 48, 863-866.	2.1	54
10	Optimum shape design of single-sided linear induction motors using response surface methodology and finite element method. , 2011, , .		6
11	Optimum Shape Design of Single-Sided Linear Induction Motors Using Response Surface Methodology and Finite-Element Method. IEEE Transactions on Magnetics, 2011, 47, 3657-3660.	2.1	19
12	Dynamic characteristics considering vehicle load and jerk condition of Linear Induction Motor by using equivalent circuit with electro-magnetic field theory. , 2010, , .		1
13	Optimum design criteria for maximum torque density & minimum torque ripple of flux switching motor using response surface methodology. , 2010, , .		0
14	Optimum design criteria of miniature type linear servo motor of precise pick & place module for cogging force reduction using response surface methodology & finite element method. , 2010, , .		0
15	Characteristic analysis & optimum design of Permanent Magnet Assisted Synchronous Reluctance Motor for premium efficiency performance. , 2010, , .		1
16	Efficiency evaluation of PMASynRM vs. SynRM using coupling FEM & preisach modeling. , 2010, , .		1
17	Optimum Design Criteria for Maximum Torque Density and Minimum Torque Ripple of SynRM According to the Rated Wattage Using Response Surface Methodology. IEEE Transactions on Magnetics, 2009, 45, 1578-1581.	2.1	23
18	Characteristics Analysis and Optimum Design of Anisotropy Rotor Synchronous Reluctance Motor Using Coupled Finite Element Method and Response Surface Methodology. IEEE Transactions on Magnetics, 2009, 45, 4696-4699.	2.1	12

#	ARTICLE	IF	CITATIONS
19	Permanent Magnet Demagnetization Characteristic Analysis of a Variable Flux Memory Motor Using Coupled Preisach Modeling and FEM. IEEE Transactions on Magnetics, 2008, 44, 1550-1553.	2.1	45
20	Determination of Parameters of Motor Simulation Module Employed in ADVISOR. IEEE Transactions on Magnetics, 2008, 44, 1578-1581.	2.1	8
21	Study on High-Efficiency Performance in Interior Permanent-Magnet Synchronous Motor With Double-Layer PM Design. IEEE Transactions on Magnetics, 2008, 44, 4393-4396.	2.1	97
22	Optimum Design of Synchronous Reluctance Motors Based on Torque/Volume Using Finite-Element Method and Sequential Unconstrained Minimization Technique. IEEE Transactions on Magnetics, 2008, 44, 4143-4146.	2.1	18
23	Optimum Design Criteria for Maximum Torque Density and Minimum Torque Ripple of SynRM According to the Rated Wattage Using Response Surface Methodology. IEEE Transactions on Magnetics, 2008, 44, 4135-4138.	2.1	32
24	The Evaluation of Online Observer System of Synchronous Reluctance Motor Using a Coupled Transient FEM and Preisach Model. IEEE Transactions on Magnetics, 2008, 44, 4139-4142.	2.1	6
25	The torque ripple reduction of a concentrated winding synchronous reluctance motor according to stator and rotor structure variations using response surface methodology. Journal of Applied Physics, 2008, 103, 07F133.	2.5	3
26	Permanent Magnet Demagnetization Characteristics Analysis of a Variable Flux Memory Motor Using Coupled Preisach Modeling and FEM. , 2007, , .		8
27	The Sensorless Vector Control Characteristics Analysis of Synchronous Reluctance Motor Using a Coupled FEM & Preisach Model. , 2007, , .		1
28	Characteristics Analysis of Anisotropy Rotor SynRM Using a Coupled FEM & Preisach Model. , 2007, , .		0
29	Rotor optimum design on Torque Ripple Reduction for a Synchronous Reluctance Motor with Concentrated Winding using RSM. , 2007, , .		6
30	Optimum LIM Interval Selection of Vector Controlled Moving Secondary Plate Conveyor System Using FEM & SUMT. , 2007, , .		2
31	The Sensorless Vector Control Characteristics Analysis of Synchronous Reluctance Motor Using a Coupled FEM & Preisach Model. , 2007, , .		0
32	Rotor design functional standard of Synchronous Reluctance Motor according to torque/volume using FEM & SUMT. , 2007, , .		0
33	Optimum design criteria for a synchronous reluctance motor with concentrated winding using response surface methodology. Journal of Applied Physics, 2006, 99, 08R325.	2.5	11
34	Efficiency evaluations of synchronous reluctance motor using coupled FEM and preisach modeling. IEEE Transactions on Magnetics, 2003, 39, 3271-3273.	2.1	22
35	Anisotropy Rotor Design of Synchronous Reluctance Motor Using a Coupled FEM & Preisach Model. , 0, , .		0
36	Rotor design functional standard of Synchronous Reluctance Motor according to torque/volume using FEM & SUMT. , 0, , .		1

#	ARTICLE	IF	CITATIONS
37	Rotor Design on Torque Ripple Reduction for a Synchronous Reluctance Motor with Concentrated Winding using Response Surface Methodology. , 0, , .		2