

# Dae-Woo Kim

## List of Publications by Year in descending order

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18  
papers

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352  
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#	ARTICLE	IF	CITATIONS
1	Particle Swarm Optimization Algorithm With Intelligent Particle Number Control for Optimal Design of Electric Machines. IEEE Transactions on Industrial Electronics, 2018, 65, 1791-1798.	7.9	104
2	Design Characteristics of IPMSM With Wide Constant Power Speed Range for EV Traction. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	49
3	Distance-Based Intelligent Particle Swarm Optimization for Optimal Design of Permanent Magnet Synchronous Machine. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	27
4	Characteristics Analysis Method of Axial Flux Permanent Magnet Motor Based on 2-D Finite Element Analysis. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	20
5	Analysis and Modeling of Concentrated Winding Variable Flux Memory Motor Using Magnetic Equivalent Circuit Method. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	15
6	Analysis and Modeling of Permanent Magnet Variable Flux Memory Motors Using Magnetic Equivalent Circuit Method. IEEE Transactions on Magnetics, 2017, 53, 1-5.	2.1	14
7	Operation Characteristic of IPMSM Considering PM Saturation Temperature. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-4.	1.7	9
8	Hybridization Algorithm of Fireworks Optimization and Generating Set Search for Optimal Design of IPMSM. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	8
9	Analysis and Design of SPM Type Variable Flux Memory Motor Considering Demagnetization Characteristic of Permanent Magnet. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	4
10	Study on topology of magnetic gear considering shape of pole piece. , 2017, , .		3
11	Genetic algorithm adopting building block identification applied to optimal design of IPMSM. , 2016, , .		2
12	Design of Vernier Motor with Modular Winding Using Rotor Pole Pair Determination Method. , 2018, , .		2
13	Design of 100kW propulsion motor for electric conversion vehicle based on vehicle driving performance simulation. , 2016, , .		1
14	Flux Path Design of Synchronous Reluctance Motor to Analyze Torque Characteristic and Operating Region. , 2018, , .		1
15	Analysis and modeling of variable flux memory motor using a lumped magnetic circuit method. , 2016, , .		0
16	Multi-simplex algorithm applied to FEM based optimal design of electric machine. , 2016, , .		0
17	Hybridization algorithm of fireworks optimization and generating set search for optimal design of IPMSM. , 2016, , .		0
18	Design characteristics of IPMSM with wide constant power speed range for EV traction. , 2016, , .		0