B L J Gysen

List of Publications by Year
in descending order

19	509	1163117	1125743
papers	citations	8	13
		h-index	g-index

19	19	19	343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of Motional Eddy Currents in the Slitted Stator Core of an Axial-Flux Permanent-Magnet Machine. IEEE Transactions on Magnetics, 2020, 56, 1-4.	2.1	6
2	Adaptive Isogeometric Analysis Applied to an Electromagnetic Actuator. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	2
3	High-Order Methods Applied to Nonlinear Magnetostatic Problems. Mathematical and Computational Applications, 2019, 24, 19.	1.3	10
4	General Formulation of the Magnetostatic Field and Temperature Distribution in Electrical Machines Using Spectral Element Analysis. IEEE Transactions on Magnetics, 2018, 54, 1-9.	2.1	9
5	Soft-landing control of low-energy solenoid valve actuators. , 2018, , .		3
6	Hybrid Analytical Modeling of Saturated Linear and Rotary Electrical Machines: Integration of Fourier Modeling and Magnetic Equivalent Circuits. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	29
7	Torque Ripple Reduction for 12-Stator/10-Rotor-Pole Variable Flux Reluctance Machines by Rotor Skewing or Rotor Teeth Non-Uniformity. IEEE Transactions on Magnetics, 2017, 53, 1-5.	2.1	19
8	Spectral element model for 2-D electrostatic fields in a linear synchronous motor. , 2017, , .		0
9	Comparison of direct and indirectly liquid-cooled coreless linear actuators with multi-layer coils. , 2017, , .		0
10	Analysis and minimization of torque ripple for variable flux reluctance machines. , 2017, , .		3
11	Magnetic Saturation in Semi-Analytical Harmonic Modeling for Electric Machine Analysis. IEEE Transactions on Magnetics, 2016, 52, 1-10.	2.1	74
12	Comparison of Harmonic and Magnetic Charge Model for Spherical Magnetic Structures With a Neumann Boundary. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	3
13	Semianalytical Framework for Synchronous Reluctance Motor Analysis Including Finite Soft-Magnetic Material Permeability. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	31
14	Calculation of induced rotor current in induction motors using a slotted semi-analytical harmonic model. , 2014, , .		6
15	Optimization of the Force Density for Medium-Stroke Reluctance Actuators. IEEE Transactions on Industry Applications, 2014, 50, 3194-3202.	4.9	7
16	Electric circuit coupling of a slotted semi-analytical model for induction motors based on harmonic modeling. , 2014, , .		12
17	Multi-Degree-of-Freedom Spherical Permanent-Magnet Gravity Compensator for Mobile Arm Support Systems. IEEE Transactions on Industry Applications, 2014, 50, 3628-3636.	4.9	7
18	Topology Comparison of Slotless Permanent Magnet Semispherical Actuators. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	29

#	Article	IF	Citations
19	General Formulation of the Electromagnetic Field Distribution in Machines and Devices Using Fourier Analysis. IEEE Transactions on Magnetics, 2010, 46, 39-52.	2.1	259