Chris Gerada

List of Publications by Citations

451 papers	5,846 citations	35 h-index	56 g-index
536 ext. papers	8,098 ext. citations	4.9 avg, IF	6.44 L-index

#	Paper	IF	Citations
451	. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 2946-2959	8.9	423
450	Multiphase Power Converter Drive for Fault-Tolerant Machine Development in Aerospace Applications. *IEEE Transactions on Industrial Electronics*, **2010**, 57, 575-583	8.9	127
449	Design Considerations for a Fault-Tolerant Flux-Switching Permanent-Magnet Machine. *IEEE Transactions on Industrial Electronics*, **2011**, 58, 2818-2825	8.9	109
448	A Thermal Improvement Technique for the Phase Windings of Electrical Machines. *IEEE Transactions on Industry Applications*, **2012**, 48, 79-87	4.3	106
447	Automatic Design of Synchronous Reluctance Motors Focusing on Barrier Shape Optimization. *IEEE Transactions on Industry Applications*, **2015**, 51, 1465-1474	4.3	99
446	. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 6116-6126	8.9	95
445	Design and Initial Testing of a High-Speed 45-kW Switched Reluctance Drive for Aerospace Application. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 988-997	8.9	92
444	Integrated PM Machine Design for an Aircraft EMA. *IEEE Transactions on Industrial Electronics*, **2008**, 55, 3300-3306	8.9	92
443	Design Aspects of High-Speed High-Power-Density Laminated-Rotor Induction Machines. *IEEE Transactions on Industrial Electronics*, **2011**, 58, 4039-4047	8.9	91
442	Integrated motor drives: state of the art and future trends. *IET Electric Power Applications*, **2016**, 10, 757-771	1.8	85
441	PWM-VSI Fault Diagnosis for a PMSM Drive Based on the Fuzzy Logic Approach. *IEEE Transactions on Power Electronics*, **2019**, 34, 759-768	7.2	83
440	. *IEEE Transactions on Industry Applications*, **2014**, 50, 3617-3627	4.3	79
439	Improved Thermal Management and Analysis for Stator End-Windings of Electrical Machines. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 5057-5069	8.9	69
438	Power Loss and Thermal Analysis of a MW High-Speed Permanent Magnet Synchronous Machine. *IEEE Transactions on Energy Conversion*, **2017**, 32, 1468-1478	5.4	65
437	Design of a Five-Phase Brushless DC Motor for a Safety Critical Aerospace Application. *IEEE Transactions on Industrial Electronics*, **2012**, 59, 3532-3541	8.9	65
436	A Single Sided Matrix Converter Drive for a Brushless DC Motor in Aerospace Applications. *IEEE Transactions on Industrial Electronics*, **2012**, 59, 3542-3552	8.9	63
435	Modeling of Different Winding Configurations for Fault-Tolerant Permanent Magnet Machines to Restrain Interturn Short-Circuit Current. *IEEE Transactions on Energy Conversion*, **2012**, 27, 351-361	5.4	55

434	Induction Motors Versus Permanent-Magnet Actuators for Aerospace Applications. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 4315-4325	8.9	52
433	A Multilevel Converter With a Floating Bridge for Open-End Winding Motor Drive Applications. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 5366-5375	8.9	52
432	Sensorless control of PM motor drives A technology status review **2013**,		50
431	Self-Commissioning of Interior Permanent- Magnet Synchronous Motor Drives With High-Frequency Current Injection. *IEEE Transactions on Industry Applications*, **2014**, 50, 3295-3303	4.3	48
430	Winding condition monitoring scheme for a permanent magnet machine using high-frequency injection. *IET Electric Power Applications*, **2011**, 5, 89	1.8	48
429	Analysis of Vertical Strip Wound Fault-Tolerant Permanent Magnet Synchronous Machines. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 1158-1168	8.9	45
428	**2017**,		44
427	Design Optimization of a High-Speed Synchronous Reluctance Machine. *IEEE Transactions on Industry Applications*, **2018**, 54, 233-243	4.3	43
426	Development of Aircraft Electric StarterGenerator System Based on Active Rectification Technology. *IEEE Transactions on Transportation Electrification*, **2018**, 4, 985-996	7.6	43
425	A High-Speed Permanent-Magnet Machine for Fault-Tolerant Drivetrains. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 3071-3080	8.9	41
424	Demagnetization Analysis for Halbach Array Configurations in Electrical Machines. *IEEE Transactions on Magnetics*, **2015**, 51, 1-9	2	39
423	High-Speed Solid Rotor Permanent Magnet Machines: Concept and Design. *IEEE Transactions on Transportation Electrification*, **2016**, 2, 391-400	7.6	39
422	The results do mesh. *IEEE Industry Applications Magazine*, **2007**, 13, 62-72	0.6	39
421	. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 5558-5568	8.9	39
420	. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 7343-7353	8.9	39
419	Design and Losses Analysis of a High Power Density Machine for Flooded Pump Applications. *IEEE Transactions on Industry Applications*, **2018**, 54, 3260-3270	4.3	36
418	A Modified Neutral Point Balancing Space Vector Modulation for Three-Level Neutral Point Clamped Converters in High-Speed Drives. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 910-921	8.9	35
417	. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 2618-2629	8.9	35

416	Performance Evaluation of a Vector-Control Fault-Tolerant Flux-Switching Motor Drive. *IEEE Transactions on Industrial Electronics*, **2012**, 1-1	8.9	33
415	. *IEEE Transactions on Industry Applications*, **2019**, 55, 3544-3554	4.3	32
414	Radial Force Control of Multisector Permanent-Magnet Machines for Vibration Suppression. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 5395-5405	8.9	31
413	A Nonlinear Extended State Observer for Rotor Position and Speed Estimation for Sensorless IPMSM Drives. *IEEE Transactions on Power Electronics*, **2020**, 35, 733-743	7.2	31
412	Considerations on the Effects That Core Material Machining Has on an Electrical Machine's Performance. *IEEE Transactions on Energy Conversion*, **2018**, 33, 1154-1163	5.4	30
411	. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 5302-5312	8.9	30
410	Barriers shapes and minimum set of rotor parameters in the automated design of Synchronous Reluctance machines **2013**,		30
409	. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 2630-2641	8.9	30
408	Analysis, Modeling, and Design Considerations for the Excitation Systems of Synchronous Generators. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 2996-3007	8.9	29
407	Thermal effects of stator potting in an axial-flux permanent magnet synchronous generator. *Applied Thermal Engineering*, **2015**, 75, 421-429	5.8	28
406	Fault Tolerant Design of Fractional Slot Winding Permanent Magnet Aerospace Actuator. *IEEE Transactions on Transportation Electrification*, **2016**, 2, 380-390	7.6	28
405	Design of a High-Force-Density Tubular Motor. *IEEE Transactions on Industry Applications*, **2014**, 50, 2523-2532	4.3	28
404	Estimation of Eddy Current Loss in Semi-Closed Slot Vertical Conductor Permanent Magnet Synchronous Machines Considering Eddy Current Reaction Effect. *IEEE Transactions on Magnetics*, **2013**, 49, 5326-5335	2	28
403	Improved Damper Cage Design for Salient-Pole Synchronous Generators. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 1958-1970	8.9	28
402	Winding turn-to-turn faults in permanent magnet synchronous machine drives		28
401	Piezoelectric Fan Cooling: A Novel High Reliability Electric Machine Thermal Management Solution. *IEEE Transactions on Industrial Electronics*, **2013**, 60, 4841-4851	8.9	27
400	. *IEEE Transactions on Industry Applications*, **2017**, 53, 1106-1115	4.3	26
399	Development of a new fault-tolerant induction motor control strategy using an enhanced equivalent circuit model. *IET Electric Power Applications*, **2011**, 5, 618	1.8	26

398	Feasibility and electromagnetic design of direct drive wheel actuator for green taxiing **2011**,		26
397	Multi-Physics and Multi-Objective Optimization of a High Speed PMSM for High Performance Applications. *IEEE Transactions on Magnetics*, **2018**, 54, 1-5	2	26
396	Load Control for the DC Electrical Power Distribution System of the More Electric Aircraft. *IEEE Transactions on Power Electronics*, **2019**, 34, 3937-3947	7.2	25
395	A new strategy of efficiency enhancement for traction systems in electric vehicles. *Applied Energy*, **2017**, 205, 880-891	10.7	25
394	Detent Force, Thrust, and Normal Force of the Short-Primary Double-Sided Permanent Magnet Linear Synchronous Motor With Slot-Shift Structure. *IEEE Transactions on Energy Conversion*, **2019**, 34, 1411-1421	5.4	23
393	Challenges and Opportunities for Wound Field Synchronous Generators in Future More Electric Aircraft. *IEEE Transactions on Transportation Electrification*, **2020**, 6, 1466-1477	7.6	23
392	Performance Improvement of Bearingless Multisector PMSM With Optimal Robust Position Control. *IEEE Transactions on Power Electronics*, **2019**, 34, 3575-3585	7.2	23
391	An Integrated Method for Three-Phase AC Excitation and High-Frequency Voltage Signal Injection for Sensorless Starting of Aircraft Starter/Generator. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 5611-5622	8.9	23
390	. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 180-191	8.9	23
389	Multiobjective Optimization of a Magnetically Levitated Planar Motor With Multilayer Windings. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 3522-3532	8.9	22
388	Development of an aircraft wheel actuator for green taxiing **2014**,		22
387	. *IEEE Transactions on Industry Applications*, **2020**, 56, 183-193	4.3	22
386	A high-speed electric drive for the more electric engine **2015**,		21
385	Space Vectors and Pseudoinverse Matrix Methods for the Radial Force Control in Bearingless Multisector Permanent Magnet Machines. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 6912-6922	8.9	21
384	Optimal design of an electro-mechanical actuator for aerospace application **2015**,		21
383	A SyR and IPM machine design methodology assisted by optimization algorithms **2012**,		21
382	Design of a high force density tubular permanent magnet motor **2010**,		21
381	. *IEEE Transactions on Industrial Electronics*, **2009**, 56, 1708-1717	8.9	21

380	High-Speed Permanent Magnet Synchronous Motor Iron Loss Calculation Method Considering Multiphysics Factors. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 5360-5368	8.9	21
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378	Converter topologies comparison for more electric aircrafts high speed Starter/Generator application **2015**,		20
377	Evaluation and Modeling of Cross Saturation Due to Leakage Flux in Vector-Controlled Induction Machines. *IEEE Transactions on Industry Applications*, **2007**, 43, 694-702	4.3	20
376	New Three-Phase Current Reconstruction for PMSM Drive With Hybrid Space Vector Pulsewidth Modulation Technique. *IEEE Transactions on Power Electronics*, **2021**, 36, 662-673	7.2	20
375	Lifetime Consumption and Degradation Analysis of the Winding Insulation of Electrical Machines **2016**,		19
374	Torque density improvements for high performance machines **2013**,		19
373	High speed electrical generators, application, materials and design **2013**,		19
372	More Electric Aircraft Electro-Mechanical Actuator Regenerated Power Management **2015**,		19
371	Comparative study of permanent magnet-synchronous and permanent magnet-flux switching machines for high torque to inertia applications **2017**,		18
370	Electrical machines for aerospace applications **2015**,		18
369	Impact of Slot/Pole Combination on Inter-Turn Short-Circuit Current in Fault-Tolerant Permanent Magnet Machines. *IEEE Transactions on Magnetics*, **2016**, 52, 1-9	2	18
368	Rotor losses in fault-tolerant permanent magnet synchronous machines. *IET Electric Power Applications*, **2011**, 5, 75	1.8	18
367	Fault-tolerant, matrix converter, permanent magnet synchronous motor drive for open-circuit failures. *IET Electric Power Applications*, **2011**, 5, 654	1.8	18
366	Electrical machines for high speed applications with a wide constant-power region requirement **2011**,		18
365	. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 2553-2563	8.9	18
364	. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 160-174	8.9	18
363	Design and Testing of PMSM for Aerospace EMA Applications **2018**,		18

362	Synchronous Reluctance Motor Iron Losses: Considering Machine Nonlinearity at MTPA, FW, and MTPV Operating Conditions. *IEEE Transactions on Energy Conversion*, **2018**, 33, 1402-1410	5.4	17
361	Self-commissioning of interior permanent magnet synchronous motor drives with high-frequency current injection **2013**,		17
360	A Third-Order Super-Twisting Extended State Observer for Dynamic Performance Enhancement of Sensorless IPMSM Drives. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 5948-5958	8.9	17
359	High-speed electrical machines and drives [Special section intro.]. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 2943-2945	8.9	16
358	Computational fluid dynamics modelling of an entire synchronous generator for improved thermal management. *IET Electric Power Applications*, **2013**, 7, 231-236	1.8	16
357	Design of synchronous reluctance machines with multi-objective optimization algorithms **2013**,		16
356	. *IEEE Transactions on Industry Applications*, **2016**, 1-1	4.3	16
355	Free-Form Design of Electrical Machine Rotor Cores for Production Using Additive Manufacturing. *Journal of Mechanical Design, Transactions of the ASME*, **2019**, 141,	3	16
354	State of the Art of Electric Taxiing Systems **2018**,		16
353	On the Design of Partial Discharge-Free Low Voltage Electrical Machines **2019**,		15
352	Turn□turn short circuit fault management in permanent magnet machines. *IET Electric Power Applications*, **2015**, 9, 634-641	1.8	15
351	. *IEEE/ASME Transactions on Mechatronics*, **2018**, 23, 2054-2065	5.5	15
350	A Low-Intrusion Load and Efficiency Evaluation Method for In-Service Motors Using Vibration Tests With an Accelerometer. *IEEE Transactions on Industry Applications*, **2010**, 46, 1341-1349	4.3	15
349	A Fast Method for Modeling Skew and Its Effects in Salient-Pole Synchronous Generators. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 7679-7688	8.9	14
348	DC Drift Error Mitigation Method for Three-Phase Current Reconstruction With Single Hall Current Sensor. *IEEE Transactions on Magnetics*, **2019**, 55, 1-4	2	14
347	Thermal analysis of fault-tolerant electrical machines for aerospace actuators. *IET Electric Power Applications*, **2019**, 13, 843-852	1.8	14
346	Design Optimisation of a Fault-Tolerant PM Motor Drive for an Aerospace Actuation Application **2014**,		14
345	A Novel Multi-Level Electro-Mechanical Actuator Virtual Testing and Analysis Tool **2014**,		14

344	Thermal design of a permanent magnetic motor for direct drive wheel actuator **2014**,		14
343	A computationally efficient design procedure for actuator motors using magnetic reluctance-and thermal resistance network models **2012**,		14
342	Optimal design of a high speed concentrated wound PMSM **2009**,		14
341	On-line detection of stator winding short-circuit faults in a PM machine using HF signal injection **2008**,		14
340	Non-linear circuit based model of permanent magnet synchronous machine under inter-turn fault: a simple approach based on healthy machine data. *IET Electric Power Applications*, **2016**, 10, 560-570	1.8	14
339	. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 5600-5610	8.9	14
338	Magnetic Field Modeling and Analysis of Spherical Actuator With Two-Dimensional Longitudinal Camber Halbach Array. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 9112-9121	8.9	14
337	Influence of rotor endcaps on the electromagnetic performance of high-speed PM machine. *IET Electric Power Applications*, **2018**, 12, 1142-1149	1.8	14
336	A dual inverter for an open end winding induction motor drive without an isolation transformer **2015**,		13
335	. *IEEE Transactions on Energy Conversion*, **2018**, 33, 1311-1320	5.4	13
334	Condition monitoring approach for permanent magnet synchronous motor drives based on the INFORM method. *IET Electric Power Applications*, **2016**, 10, 54-62	1.8	13
333	Inductance characteristics of PMSMs and their impact on saliency-based sensorless control **2010**,		13
332	A comparative study of permanent magnet - synchronous and permanent magnet - flux switching machines for fault tolerant drive systems **2010**,		13
331	Design issues of high-speed permanent magnet machines for high-temperature applications **2009**,		13
330	Induction Motor parameters identification using Genetic Algorithms for varying flux levels **2008**,		13
329	The implications of winding faults in induction motor drives		13
328	Challenges and Future opportunities of Hairpin Technologies **2020**,		13
327	Thermal management of a permanent magnet motor for an directly coupled pump **2016**,		13

326	High speed drives review: Machines, converters and applications **2016**,		13
325	Assessment of cooling methods for increased power density in electrical machines **2016**,		13
324	. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 1728-1738	8.9	13
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322	. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 4483-4491	8.9	12
321	CFD modelling of an entire synchronous generator for improved thermal management **2012**,		12
320	Identification of Induction Machine Electrical Parameters Using Genetic Algorithms Optimization **2008**,		12
319	Electrical Machines for the More Electric Aircraft: Partial Discharges Investigation. *IEEE Transactions on Industry Applications*, **2021**, 57, 1389-1398	4.3	12
318	An Analytical Subdomain Model for Dual-Rotor Permanent Magnet Motor With Halbach Array. *IEEE Transactions on Magnetics*, **2019**, 55, 1-16	2	12
317	. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 5100-5111	8.9	12
316	Investigation of AC Copper and Iron Losses in High-Speed High-Power Density PMSM **2018**,		12
315	. *IEEE Transactions on Industry Applications*, **2017**, 53, 2906-2914	4.3	11
314	Induction-Machine-Based Starter/Generator Systems: Techniques, Developments, and Advances. *IEEE Industrial Electronics Magazine*, **2020**, 14, 4-19	6.2	11
313	Global design optimization strategy of a synchronous reluctance machine for light electric vehicles **2016**,		11
312	Radial force control of multi-sector permanent magnet machines **2016**,		11
311	Design and optimization of a high power density machine for flooded industrial pump **2016**,		11
310	Multi-physics optimization strategies for high speed synchronous reluctance machines **2015**,		11
309	Estimating current derivatives for sensorless motor drive applications **2015**,		11

308	Diagnosis of incipient faults in PMSMs with coaxially insulated windings **2013**,		11
307	A Methodology to Remove Stator Skew in Small Medium Size Synchronous Generators via Innovative Damper Cage Designs. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 4296-4307	8.9	11
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303	. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 2468-2475	8.9	10
302	. *IEEE Transactions on Industry Applications*, **2019**, 55, 3649-3659	4.3	10
301	Comprehensive Monitoring of Electrical Machine Parameters Using an Integrated Fiber Bragg Grating-Based Sensor System. *Journal of Lightwave Technology*, **2018**, 36, 1046-1051	4	10
300	A semi-flooded cooling for a high speed machine: Concept, design and practice of an oil sleeve **2017**,		10
299	**2015**,		10
298	A dual two-level inverter with a single source for open end winding induction motor drive application **2015**,		10
297	Novel fault tolerant design of flux switching machines **2010**,		10
296	Weight optimisation of a surface mount permanent magnet synchronous motor using genetic algorithms and a combined electromagnetic-thermal co-simulation environment **2011**,		10
295	Trade-off analysis and design of a high power density PM machine for flooded industrial pump **2016**,		10
294	. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 2667-2677	8.9	10
293	4-MW Class High-Power-Density Generator for Future Hybrid-Electric Aircraft. *IEEE Transactions on Transportation Electrification*, **2021**, 7, 2952-2964	7.6	10
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289	Radial force control for triple three-phase sectored SPM machines. Part II: Open winding fault tolerant control **2017**,		9
288	An Optimized Bi-directional, Wide Speed Range Electric Starter-Generator for Aerospace Application **2014**,		9
287	Fault tolerant winding design A compromise between losses and fault tolerant capability **2012**,		9
286	Considerations for the design of a tubular motor for an aerospace application **2011**,		9
285	Investigation of induction machine phase open circuit faults using a simplified equivalent circuit model **2008**,		9
284	Integrated Machine design for Electro Mechanical Actuation **2007**,		9
283	Fault-Tolerant Brushless DC Motor Drive For Electro-Hydrostatic Actuation System In Aerospace Application. *Conference Record - IAS Annual Meeting (IEEE Industry Applications Society)*, **2006**,		9
282	Four-Degree-of-Freedom Overmodulation Strategy for Five-Phase Space Vector Pulsewidth Modulation. *IEEE Journal of Emerging and Selected Topics in Power Electronics*, **2021**, 9, 1578-1590	5.6	9
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280	Eddy Current Losses Analysis and Optimization Design of Litz-Wire Windings for Air-Core Compulsators. *IEEE Transactions on Plasma Science*, **2019**, 47, 2532-2538	1.3	8
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273	. *IEEE Transactions on Industry Applications*, **2017**, 53, 5405-5414	4.3	8

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271	Mechanical and thermal design of an aeroengine starter/generator **2015**,		8
270	Permanent Magnet Starter-Generator for Aircraft Application **2014**,		8
269	Analytical modeling of a vertically distributed winding configuration for Fault Tolerant Permanent Magnet Machines to suppress inter-turn short circuit current limiting **2011**,		8
268	Fault-tolerant electrical machine design within a rotorcraft actuation drive system optimisation **2012**,		8
267	High Torque Density PM Machines for High Performance Operation **2007**,		8
266	The impact of matrix converter technology on motor design for an integrated flight control surface actuation system		8
265	Rectangular and Random Conductors: AC Losses Evaluations and Manufacturing Considerations **2020**,		8
264	Reduced Order Lumped Parameter Thermal Network for Dual Three-Phase Permanent Magnet Machines **2019**,		8
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253	**2016**,		7
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249	Design considerations for high performance traction machines: Aiming for the FreedomCar 2020 targets **2015**,		7
248	The electromagnetic design of a high speed, 45kW, switched reluctance machine having a novel rotor geometry for aerospace application **2014**,		7
247	Mechanical and thermal management design of a motor for an aircraft wheel actuator **2014**,		7
246	Loading effects on saliency based sensorless control of PMSMs **2009**,		7
245	A 5-Phase Fault-Tolerant Brushless Permanent Magnet Motor Drive for an Aircraft Thin Wing Surface Actuator **2007**,		7
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240	Rotor Design Optimization of Squirrel Cage Induction Motor - Part II: Results Discussion. *IEEE Transactions on Energy Conversion*, **2021**, 36, 1280-1288	5.4	7
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238	Self-Excitation and Energy Recovery of Air-Core Compulsators. *IEEE Transactions on Plasma Science*, **2017**, 45, 1168-1174	1.3	6
237	Radial force control of Multi-Sector Permanent Magnet machines considering radial rotor displacement **2017**,		6

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225	Design considerations for an outer rotor, field wound, flux switching machine **2012**,		6
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108	A hybrid sensorless control solution for an automotive drive application **2017**,		2
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106	Comparative study and optimal design of alternative PM configuration transverse flux linear machine **2017**,		2
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46	Influence of Rotor Design on Electromagnetic Performance in Interior Permanent Magnet Machines **2020**,		1
45	Multi-Sector Windings For Bearing Relief E-Machine: Saturation and Cross Coupling Effects **2020**,		1
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41	Fault-Tolerant Electrical Machines for Transport Applications **2019**,		1
40	Simplified Lumped Parameter Thermal Network for Short-Duty Dual Three-Phase Permanent Magnet Machines **2019**,		1
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