

# Ahmed Masmoudi

## List of Publications by Year in descending order

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173  
papers

1,681  
citations

331259

21  
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360668

35  
g-index

175  
all docs

175  
docs citations

175  
times ranked

1466  
citing authors

#	ARTICLE	IF	CITATIONS
1	DTC Scheme for a Four-Switch Inverter-Fed Induction Motor Emulating the Six-Switch Inverter Operation. IEEE Transactions on Power Electronics, 2013, 28, 3528-3538.	5.4	98
2	DTC of B4-Inverter-Fed BLDC Motor Drives With Reduced Torque Ripple During Sector-to-Sector Commutations. IEEE Transactions on Power Electronics, 2014, 29, 4855-4865.	5.4	84
3	Direct Torque Control of Brushless DC Motor Drives With Improved Reliability. IEEE Transactions on Industry Applications, 2014, 50, 3744-3753.	3.3	71
4	Channel estimation and self-interference cancelation in full-duplex communication systems. IEEE Transactions on Vehicular Technology, 2017, 66, 321-334.	3.9	71
5	Modulation of p38 Mitogen-Activated Protein Kinase Cascade and Metalloproteinase Activity in Diaphragm Muscle in Response to Free Radical Scavenger Administration in Dystrophin-Deficient Mdx Mice. American Journal of Pathology, 2007, 170, 633-643.	1.9	67
6	ADP-ribosyl transferase and NAD glycohydrolase activities in rat liver mitochondria. Biochemistry, 1987, 26, 1965-1969.	1.2	58
7	A Maximum-Likelihood Channel Estimator for Self-Interference Cancelation in Full-Duplex Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 5122-5132.	3.9	54
8	Association of SNP3 polymorphism in the apolipoprotein A-V gene with plasma triglyceride level in Tunisian type 2 diabetes. Lipids in Health and Disease, 2005, 4, 1.	1.2	46
9	Self-Interference Cancellation With Nonlinearity and Phase-Noise Suppression in Full-Duplex Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 2118-2129.	3.9	44
10	MEC-Based Modeling and Sizing of a Tubular Linear PM Synchronous Machine. IEEE Transactions on Industry Applications, 2015, 51, 2181-2194.	3.3	43
11	Purification of non-synaptic and synaptic mitochondria and plasma membranes from rat brain by a rapid Percoll gradient procedure. Journal of Neuroscience Methods, 1985, 14, 41-51.	1.3	42
12	Accounting for the Armature Magnetic Reaction and Saturation Effects in the Reluctance Model of a New Concept of Claw-Pole Alternator. IEEE Transactions on Magnetics, 2010, 46, 3955-3961.	1.2	41
13	Bus-Clamping-Based DTC: An Attempt to Reduce Harmonic Distortion and Switching Losses. IEEE Transactions on Industrial Electronics, 2013, 60, 873-884.	5.2	41
14	Design of a Single-Stator Dual-Rotor Permanent-Magnet Machine. IEEE Transactions on Magnetics, 2009, 45, 127-132.	1.2	40
15	A Non-Data-Aided Maximum Likelihood Time Delay Estimator Using Importance Sampling. IEEE Transactions on Signal Processing, 2011, 59, 4505-4515.	3.2	34
16	A Maximum Likelihood Time Delay Estimator in a Multipath Environment Using Importance Sampling. IEEE Transactions on Signal Processing, 2013, 61, 182-193.	3.2	34
17	MEC-Based Sizing of a Hybrid-Excited Claw Pole Alternator. IEEE Transactions on Industry Applications, 2015, 51, 211-223.	3.3	34
18	ZZ domain of dystrophin and utrophin: topology and mapping of a $\beta$ -dystroglycan interaction site. Biochemical Journal, 2007, 401, 667-677.	1.7	31

#	ARTICLE	IF	CITATIONS
19	Self-Interference Cancellation Limits in Full-Duplex Communication Systems. , 2016, , .		31
20	3D Angular-Based Hybrid Precoding and User Grouping for Uniform Rectangular Arrays in Massive MU-MIMO Systems. IEEE Access, 2020, 8, 84689-84712.	2.6	31
21	Maximum Likelihood Time Delay Estimation From Single- and Multi-Carrier DSSS Multipath MIMO Transmissions for Future 5G Networks. IEEE Transactions on Wireless Communications, 2017, 16, 4851-4865.	6.1	28
22	Closed-Form Expressions for the Exact Cram�r�Rao Bounds of Timing Recovery Estimators From BPSK, MSK and Square-QAM Transmissions. IEEE Transactions on Signal Processing, 2011, 59, 2474-2484.	3.2	24
23	On the analysis and reduction of the cogging torque of a claw pole transverse flux permanent magnet machine. European Transactions on Electrical Power, 2005, 15, 513-526.	1.0	20
24	Lumped Circuit Accounting for the Rotor Motion Dedicated to the Investigation of the Time-Varying Features of Claw Pole Topologies. IEEE Transactions on Magnetics, 2015, 51, 1-8.	1.2	20
25	3-D Analytical Model With the End Effect Dedicated to the Prediction of PM Eddy-Current Loss in FSPMMs. IEEE Transactions on Magnetics, 2015, 51, 1-11.	1.2	18
26	Numerical and Analytical Approaches to the Modeling of a Spoke Type IPM Machine With Enhanced Flux Weakening Capability. IEEE Transactions on Industry Applications, 2019, 55, 4702-4714.	3.3	18
27	Production of Coconut Aroma in Solid-State Cultivation: Screening and Identification of <i>Trichoderma</i> Strains for 6-Pentyl-Alpha-Pyrone and Conidia Production. Journal of Chemistry, 2019, 2019, 1-7.	0.9	17
28	Analytical Prediction of the No-Load Operation Features of Tubular-Linear Permanent Magnet Synchronous Machines. IEEE Transactions on Magnetics, 2016, 52, 1-7.	1.2	16
29	The Effect of Aeration for 6-Pentyl-alpha-pyrone, Conidia and Lytic Enzymes Production by <i>Trichoderma asperellum</i> Strains Grown in Solid-State Fermentation. Waste and Biomass Valorization, 2020, 11, 5711-5720.	1.8	15
30	A Maximum-Likelihood Channel Estimator in MIMO Full-Duplex Systems. , 2014, , .		14
31	Residual self-interference after cancellation in full-duplex systems. , 2014, , .		14
32	An attempt to improve the generating capabilities of an hybrid claw pole machine. , 2011, , .		13
33	On the analysis and control of a three-switch three-phase inverter-fed brushless DC motor drive. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2007, 26, 183-200.	0.5	12
34	No-load Features of T-LSMs With Quasi-Halbach Magnets: Application to Free Piston Engines. IEEE Transactions on Energy Conversion, 2016, 31, 1591-1600.	3.7	12
35	Feature Investigation of a T-LPMSM Following the Selection of Its Slot-Pole Combination. IEEE Transactions on Industry Applications, 2017, 53, 1009-1017.	3.3	12
36	Oncosuppressive Suicide Gene Virotherapy � PVH1-yCD/5-FC� for Pancreatic Peritoneal Carcinomatosis Treatment: NF�B and Akt/PI3K Involvement. PLoS ONE, 2013, 8, e70594.	1.1	11

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37	Electromagnetic/Thermal Design Procedure of an Aerospace Electric Propeller. IEEE Transactions on Industry Applications, 2015, 51, 4364-4371.	3.3	10
38	An approach to diagnose and remediate failures of Hall Effect sensors in BLDC motors. , 2015, , .		10
39	A comprehensive analysis of the inverter switching frequency in Takahashi DTC strategy. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2007, 26, 148-166.	0.5	9
40	Concentrated winding PM machines: a preâ€design approach. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2008, 27, 985-999.	0.5	9
41	A DTC strategy dedicated to threeâ€switch threeâ€phase inverterâ€fed induction motor drives. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2008, 27, 1098-1109.	0.5	9
42	DTC of an FSTPIâ€fed induction motor drive with extended speed range. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2008, 27, 1110-1127.	0.5	9
43	Self-interference cancellation for full-duplex MIMO transceivers. , 2015, , .		9
44	Direct RFOC Strategies Aimed to Symmetrical Two-Phase IM Drives: Comparison Between B4- and B6-Inverters in the Stator. IEEE Transactions on Power Electronics, 2018, 33, 9772-9782.	5.4	9
45	Angular-Based 3D Hybrid Precoding for URA in Multi-User Massive MIMO Systems. , 2019, , .		9
46	Emulation and Testing for Automotive Propulsion Drive Using Two Cascaded Inverters. IEEE Transactions on Industry Applications, 2020, 56, 1766-1783.	3.3	9
47	Hybrid excited claw pole alternators: Attempt to satisfy the increasing power need on board. , 2014, , .		8
48	3D MEC modeling of a hybrid-excited claw pole alternator incorporating the rotor motion. , 2015, , .		8
49	Pole Shape-Based Reduction of the Harmonic Content of the IPM T-LSM Air Gap Flux Density. IEEE Transactions on Industrial Electronics, 2018, 65, 1429-1438.	5.2	8
50	3D Angular-Based Hybrid Precoding for Multi-Cell MU-Massive-MIMO Systems in C-RAN Architecture. , 2020, , .		8
51	Assessment of topologies to minimize leakage currents in transformerless PV inverters. , 2010, , .		7
52	3D FEA based feature investigation of a claw pole alternator with DC excitation in the stator. , 2010, , .		7
53	Self-interference cancellation with phase-noise suppression in full-duplex systems. , 2015, , .		7
54	An approach to reduce the cogging force in tubular linear PM synchronous machines. , 2015, , .		7

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55	Pathological pattern of Mdx mice diaphragm correlates with gradual expression of the short utrophin isoform Up71. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2006, 1762, 362-372.	1.8	6
56	On the comparison between different space vector PWM strategies implemented in FSTPIâ€fed induction motor drives. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2007, 26, 127-147.	0.5	6
57	A new importance-sampling-based non-data-aided maximum likelihood time delay estimator. , 2011, , .		6
58	Armature Design of Low-Voltage FSPMSMs: An Attempt to Enhance the Open-Circuit Fault Tolerance Capabilities. <i>IEEE Transactions on Industry Applications</i> , 2015, 51, 4392-4403.	3.3	6
59	Lumped circuitâ€based sizing of quasiâ€Halbach PM excited Tâ€LSMs: application to free piston engines. <i>IET Electric Power Applications</i> , 2017, 11, 557-566.	1.1	6
60	Subspace-based self-interference cancellation for full-duplex MIMO transceivers. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017, 2017, 55.	1.5	6
61	Unexpected stimulation of mitochondrial ADP-ribosylation by cyanide. <i>FEBS Letters</i> , 1988, 237, 150-154.	1.3	5
62	Computer based investigation of the load influence on DFSM drive stability. <i>Computers and Electrical Engineering</i> , 1998, 24, 229-244.	3.0	5
63	On the torque production capability of a claw pole TFPM. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2004, 19, 391-394.	0.3	5
64	Reluctant networkâ€based investigation of a claw pole alternator with DC excitation in the stator. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2008, 27, 1016-1032.	0.5	5
65	Investigation of the performance of a DTC strategy dedicated to the control of B4 fed induction motor drives. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2011, 31, 224-236.	0.5	5
66	Design and feature investigation of an IPM motor dedicated to propulsion applications. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2012, 32, 126-141.	0.5	5
67	Time Delays Estimation from DS-CDMA Multipath Transmissions Using Expectation Maximization. , 2012, , .		5
68	FEA-based investigation of the iron loss of fractional slot PM machines under flux weakening operation. , 2013, , .		5
69	DTC of reconfigured three level inverter fed IM drives following a leg failure. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2016, 35, 764-781.	0.5	5
70	Self-Interference Mitigation Using Active Signal Injection for Full-Duplex MIMO-OFDM Systems. , 2016, , .		5
71	On the attempts to optimize the performance and cost-effectiveness of TFPM drives: a crucial challenge for the automotive industry. <i>European Transactions on Electrical Power</i> , 2005, 15, 481-495.	1.0	4
72	Implementation of a dual vector control strategy in a doubly-fed machine drive. <i>European Transactions on Electrical Power</i> , 2005, 15, 541-555.	1.0	4

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73	On the modeling of a TFPM by reluctance network including the saturation effect with emphasis on the leakage fluxes. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 30, 151-171.	0.5	4
74	Steady-state operation of the brushless cascaded doubly fed machine: a survey. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 30, 222-245.	0.5	4
75	Direct torque control of brushless DC motor drives with improved reliability. , 2013, , .		4
76	On the modeling of a doubly-excited brushless claw pole alternator: Application to a solar-wind-wave hybrid energy conversion system. , 2013, , .		4
77	Star of slots-based graphical assessment of the back-EMF of fractional-slot PM synchronous machines. , 2013, , .		4
78	DTC adaptation following the reconfiguration from three to two legs of a three level inverter fed induction motor drive. , 2014, , .		4
79	Electromagnetic/thermal design procedure of an aerospace electric propeller. , 2015, , .		4
80	Prediction of the air gap flux density distribution of a T-LSM with quasi-Halbach magnetized PMs: Application to the cogging force minimization. , 2015, , .		4
81	DTC of B4 Inverter Fed Two-Phase IM Drives. , 2016, , .		4
82	Investigation of the eccentricity effect on the quasi-Halbach magnetized PM T-LSM features. , 2017, , .		4
83	Bus-Clamping-Based Direct Torque Control Strategy Dedicated to B6-Inverter Fed Symmetrical Two-Phase IM Drive. IEEE Transactions on Industrial Electronics, 2018, 65, 5344-5352.	5.2	4
84	Reduced order model based neural network control of a squirrel cage induction motor drive. International Journal of Systems Science, 1998, 29, 981-987.	3.7	3
85	Torque and speed estimators to be implemented in a control strategy dedicated to TSTPI-fed BDCM drives. , 2010, , .		3
86	Maximum likelihood time delay estimation for Direct-Spread CDMA multipath transmissions using importance sampling. , 2011, , .		3
87	Delta-inverter fed fractional-slot six-phase brushless DC motors. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 31, 154-169.	0.5	3
88	An aid for teaching hybrid propulsion systems with emphasis on their electric drive unit. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 30, 374-391.	0.5	3
89	Bus-clamping-DTC strategy of a three-level-inverter fed induction motor drive with reduced switching frequency and torque ripple. , 2013, , .		3
90	3D FEA investigation of the PM segmentation on the iron loss of fractional-slot machines. , 2014, , .		3

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91	A design approach to reduce the end effect in linear tubular PM machines. , 2014, , .		3
92	Broken bar and end-ring faults: analysis of their effects on the rotor cage currents. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2015, 34, 1771-1795.	0.5	3
93	Microcontroller-based inverter topology integrated in PV systems. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2015, 34, 132-150.	0.5	3
94	DTC of three-switch three-phase inverter fed induction motor drives. , 2015, , .		3
95	2014 Ninth International Conference on Ecological Vehicles and Renewable Energies Foreword. IEEE Transactions on Magnetics, 2015, 51, 1-1.	1.2	3
96	On the sizing of the PM excitation of a hybrid claw pole alternator. , 2016, , .		3
97	FEA-assisted steady-state modelling of a spoke type IPM machine with enhanced flux weakening capability. , 2018, , .		3
98	Electromagnetic-thermal coupling applied to the analysis of the heat transfer in a traction motor. , 2018, , .		3
99	Characterization on the no- and on-load operations of an improved claw pole machine. , 2018, , .		3
100	3D-FEA based-comparison of different topologies of claw-pole alternators with a dual excitation. , 2018, , .		3
101	Angular-based Massive-MIMO User Clustering and Precoding. , 2019, , .		3
102	A new electromechanical concept for hybrid powertrains. International Journal of Applied Electromagnetics and Mechanics, 2004, 19, 625-629.	0.3	2
103	On the analysis and control of four-switch three-phase inverter fed brushless motor drives. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2007, 26, 1247-1261.	0.5	2
104	DTC based position control induction motor a comparison between different strategies. , 2009, , .		2
105	Closed-Form Expression for the Exact Cramer-Rao Bound of Timing Recovery Estimators from MSK Transmissions. , 2011, , .		2
106	A Maximum Likelihood Time Delay Estimator Using Importance Sampling. , 2011, , .		2
107	Modeling and analysis of BCDFM: effect of rotor-phase sequence connection. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 31, 261-278.	0.5	2
108	DTC strategies dedicated to IM drives fed by reduced-structure inverters emulating the conventional one: Application to low-cost automotive actuators. , 2014, , .		2

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109	An approach to the sizing of electric motors devoted to aerospace propulsion systems. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2014, 33, 1527-1540.	0.5	2
110	Air gap MMF based prediction of eddy current loss in the PMs of concentrated winding brushless machines. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2014, 33, 1558-1568.	0.5	2
111	Graphical investigation of the induction motor rotor cage currents under faulty operation. , 2014, , .		2
112	On the stator magnetic circuit design of tubular-linear PM synchronous machines: A comparison between three topologies. , 2015, , .		2
113	Position varying MEC-based investigation of the no-load operation of T-LPMSMs. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2015, 34, 1687-1702.	0.5	2
114	A novel single phase transformerless inverter topology for PV applications. , 2015, , .		2
115	A digital subspace-based self-interference cancellation in full-duplex MIMO transceivers. , 2015, , .		2
116	Space Vector PWM Techniques for B3-VSI Fed Three-Phase IM Drives. , 2016, , .		2
117	On the analytical prediction of the force production capability of a quasi-Halbach PM excited T-LSM. , 2016, , .		2
118	Experimental evaluation of RFOC and DTC strategies for B6-VSI fed induction motor drives. , 2016, , .		2
119	Synthesis and performance investigation of a 30-degree bus-clamping based DTC strategy aimed to three-level inverter fed IM drives. , 2016, , .		2
120	DTC strategies for three-switch three-phase inverter-fed induction motor drives. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2018, 37, 2176-2194.	0.5	2
121	MEC-based prediction of the air gap flux density distribution of spoke-type IPM machines. , 2018, , .		2
122	A simple assessment of the dynamics of the road vehicles. , 2018, , .		2
123	Hybrid Excited Claw-Pole Machines: Comparison between Different Topologies. , 2019, , .		2
124	User Grouping and Hybrid RF/Baseband Precoding for Multi-User Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 11308-11322.	3.9	2
125	Stability analysis of the doubly fed machine with emphasis on saturation effects. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2003, 22, 410-423.	0.5	1
126	TF-Machines: An Illustration of the Magnetic Capabilities of the Powder Metallurgy Materials. , 2003, , .		1



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127	Extending the analog input capabilities of the DS1102 DSP controller board. Computers and Electrical Engineering, 2005, 31, 23-32.	3.0	1
128	RFOC implementation in four-switch three phase inverter-fed induction motor drive. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2007, 26, 167-182.	0.5	1
129	On the sizing of fractional slot PM machines oriented towards the improvement of their torque production capability. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 30, 32-47.	0.5	1
130	Magnetic equivalent circuit based modeling of claw pole machines: A survey. , 2011, , .		1
131	Potentialities of DTC strategies in position regulation: application to robotics. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 31, 206-223.	0.5	1
132	An attempt to improve the sizing of a hybrid excited brushless claw pole alternator. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2012, 32, 278-288.	0.5	1
133	FEA based investigation of the magnetic forces developed by fractional slot PM synchronous machines. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2012, 32, 206-219.	0.5	1
134	Low cost microcontroller-based inverter integrated in PV systems. , 2013, , .		1
135	Investigation of the performance of a vector-controlled delta-inverter fed BACM drive. , 2013, , .		1
136	FEA-based investigation of the generating capability of a novel hybrid excited claw pole alternator with improved cost-effectiveness. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2014, 33, 1642-1652.	0.5	1
137	60° bus-clamping based DTC strategy dedicated to three-level inverter fed induction motor drives. , 2015, , .		1
138	MEC-based prediction to the loss of claw pole alternators. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2015, 34, 1719-1730.	0.5	1
139	3D-FEA based comparison of the features of two hybrid-excited claw pole alternators. , 2015, , .		1
140	On the effect of the rotor polarity on the performance of fractional Slot SPM machines. , 2015, , .		1
141	Iron loss in FSPMM: 2D FEA-based comparative study between single and double-layer topologies. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2015, 34, 61-75.	0.5	1
142	DTC of an IPM-BLAC motor with a bus-clamping bang-bang controlled VSI in the armature. , 2015, , .		1
143	On the design of fractional slot T-LPMSMs: effect of the slot-pole combination. , 2016, , .		1
144	Comparative evaluation of carrier-based PWM strategies with zero-sequence signal injection for B6-VSI fed induction motor drives. , 2016, , .		1

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145	Investigation of the Features of a T-LSM with Quasi-Halbach PM Excitation under Manufacturing Constraints. , 2016, , .		1
146	Improvement of the back-EMF production capability of a hybrid-excited CPA. , 2016, , .		1
147	RFOC and DTC Strategies for Reduced Structure B3-Inverter Fed Induction Motor Drives. , 2018, , .		1
148	Carrier-Based and Space Vector PWM Techniques for Delta Inverter Fed IM Drive Operating in Linear and Overmodulation Ranges. , 2018, , .		1
149	Automotive propulsion drive emulation using two cascaded inverters. , 2018, , .		1
150	On the enhancement of the starting capabilities of single phase line-start PMSMs. , 2018, , .		1
151	Fractional-Slot PMSMs With One Coil Parallel Branches Made Phasesâ€”Part I: Investigation Study. IEEE Access, 2021, 9, 131322-131335.	2.6	1
152	Investigation of the Effects of the Pole Shoe Geometry on the IPM T-LSM Features: Application to Free Piston Engines. IEEE Access, 2022, 10, 17748-17759.	2.6	1
153	3D Rotor Position-Dependant MEC Modeling of Different Claw Pole Machine Topologies. IEEE Access, 2022, 10, 27535-27549.	2.6	1
154	Special issue on the SSD'03. European Transactions on Electrical Power, 2005, 15, 465-466.	1.0	0
155	On the steady-state characteristics of cascaded doubly-fed induction machines: Potentialities of integration in wind generating systems. , 2013, , .		0
156	Dynamic MEC modeling of a linear tubular PM machine. , 2014, , .		0
157	Dynamic MEC modeling of claw pole alternators. , 2014, , .		0
158	On the investigation of the magnetic forces of CWPMM. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2014, 33, 1502-1513.	0.5	0
159	Geothermal sources-based thermoelectric power generation: an attempt to enhance the rural electrification in southern Tunisia. , 2014, , .		0
160	Torque production improvement of a five phase fractional-slot PM machine under faulty operation. , 2014, , .		0
161	An approach to optimize the stator circumferential geometry of a five phase FSPMSM. , 2015, , .		0
162	Torque production improvement of a five phase fractional-slot PM machine under faulty operation. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2015, 34, 1758-1770.	0.5	0

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163	Identification and feature characterization of low voltage FS-IPM synchronous machines. , 2015, , .		0
164	Characterization of the no-load operation of quasi-Halbach PM excited T-LSMs. , 2015, , .		0
165	2014 Ninth International Conference on Ecological Vehicles and Renewable Energies Preface. IEEE Transactions on Magnetics, 2015, 51, 1-1.	1.2	0
166	3D FEA-based design of an iron-assisted quasi-Halbach segmented PM T-LSM. , 2017, , .		0
167	Investigation of the effects of the mover magnetic circuit geometry of IPM T-LSMs on their no-load features. , 2017, , .		0
168	B6-VSI emulation-based DTC strategy dedicated to B3-VSI fed induction motor drives. , 2018, , .		0
169	Comparison of the No-Load Features of IPM and Consequent Pole Tubular-Linear PM Synchronous Machines. , 2019, , .		0
170	Special issue on selected papers from EVERÁ'09. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 30, .	0.5	0
171	Special issue on electric machines and systems: design, analysis, and control. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 31, .	0.5	0
172	Fractional-Slot PMSMs With One Coil Parallel Branches Made Phasesâ€”Part 2: Circulating Harmonic Current Rejection Potential. IEEE Access, 2022, 10, 1068-1081.	2.6	0
173	Feature Investigation of a Segmented Pole Quasi- <i>Halbach</i> Tubular-Linear Synchronous Machine. IEEE Access, 2022, 10, 11248-11259.	2.6	0