

Ahmad Massoud

List of Publications by Citations

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233
papers

3,866
citations

31
h-index

53
g-index

265
ext. papers

5,025
ext. citations

4
avg, IF

6.07
L-index

#	Paper	IF	Citations
233	. <i>IEEE Transactions on Power Electronics</i> , 2011 , 26, 1010-1021	7.2	540
232	. <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 108-123	7.2	209
231	. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 1877-1886	8.9	103
230	Capacitor Balance Issues of the Diode-Clamped Multilevel Inverter Operated in a Quasi Two-State Mode. <i>IEEE Transactions on Industrial Electronics</i> , 2008 , 55, 3088-3099	8.9	97
229	An SVM Algorithm to Balance the Capacitor Voltages of the Three-Level NPC Active Power Filter. <i>IEEE Transactions on Power Electronics</i> , 2008 , 23, 2694-2702	7.2	78
228	. <i>IEEE Transactions on Power Systems</i> , 2013 , 28, 3401-3409	7	77
227	A New Protection Scheme for HVDC Converters Against DC-Side Faults With Current Suppression Capability. <i>IEEE Transactions on Power Delivery</i> , 2014 , 29, 1569-1577	4.3	73
226	A Nine-Switch-Converter-Based Integrated Motor Drive and Battery Charger System for EVs Using Symmetrical Six-Phase Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 5326-5335	8.9	72
225	Low Space Harmonics Cancellation in Double-Layer Fractional Slot Winding Using Dual Multiphase Winding. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-10	2	72
224	Effect of Stator Winding Connection on Performance of Five-Phase Induction Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 3-19	8.9	70
223	A Modified Stationary Reference Frame-Based Predictive Current Control With Zero Steady-State Error for LCL Coupled Inverter-Based Distributed Generation Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 1359-1370	8.9	70
222	A differential protection technique for multi-terminal HVDC. <i>Electric Power Systems Research</i> , 2016 , 130, 78-88	3.5	65
221	A Single-Stage Three-Phase Inverter Based on Cuk Converters for PV Applications. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2014 , 2, 797-807	5.6	56
220	Sensorless Current Control of Three-Phase Inverter-Based Distributed Generation. <i>IEEE Transactions on Power Delivery</i> , 2009 , 24, 919-929	4.3	55
219	Three-Phase, Three-Wire, Five-Level Cascaded Shunt Active Filter for Power Conditioning, Using Two Different Space Vector Modulation Techniques. <i>IEEE Transactions on Power Delivery</i> , 2007 , 22, 2349-2361	4.3	53
218	Effect of Multilayer Windings With Different Stator Winding Connections on Interior PM Machines for EV Applications. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-7	2	52
217	Single-Sensor-Based Three-Phase Permanent-Magnet Synchronous Motor Drive System With Luenberger Observers for Motor Line Current Reconstruction. <i>IEEE Transactions on Industry Applications</i> , 2014 , 50, 2602-2613	4.3	51

216	A Flywheel Energy Storage System for Fault Ride Through Support of Grid-Connected VSC HVDC-Based Offshore Wind Farms. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 1671-1680	7	49
215	A Modular High-Voltage Pulse-Generator With Sequential Charging for Water Treatment Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 7898-7907	8.9	47
214	A Switched-Capacitor Submodule for Modular Multilevel HVDC Converters With DC-Fault Blocking Capability and a Reduced Number of Sensors. <i>IEEE Transactions on Power Delivery</i> , 2016 , 31, 313-322	4.3	43
213	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2018 , 6, 188-202	5.6	43
212	Effect of Current Harmonic Injection on Constant Rotor Volume Multiphase Induction Machine Stators: A Comparative Study. <i>IEEE Transactions on Industry Applications</i> , 2012 , 48, 2002-2013	4.3	43
211	An Improved Fault-Tolerant Five-Phase Induction Machine Using a Combined Star/Pentagon Single Layer Stator Winding Connection. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 618-628	8.9	42
210	Parameter Identification of Five-Phase Induction Machines With Single Layer Windings. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 5139-5154	8.9	39
209	. <i>IEEE Transactions on Sustainable Energy</i> , 2013 , 4, 58-67	8.2	38
208	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2016 , 4, 521-533	5.6	37
207	Postfault Operation of a Nine-Phase Six-Terminal Induction Machine Under Single Open-Line Fault. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 1084-1096	8.9	36
206	. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 5142-5159	7.2	36
205	A Switched PV Approach for Extracted Maximum Power Enhancement of PV Arrays During Partial Shading. <i>IEEE Transactions on Sustainable Energy</i> , 2015 , 6, 767-772	8.2	34
204	. <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 4891-4905	7.2	34
203	Single-Stage Three-Phase Differential-Mode Buck-Boost Inverters With Continuous Input Current for PV Applications. <i>IEEE Transactions on Power Electronics</i> , 2016 , 1-1	7.2	31
202	A non-communication based protection algorithm for multi-terminal HVDC grids. <i>Electric Power Systems Research</i> , 2017 , 144, 41-51	3.5	31
201	A Six-Phase 24-Slot/10-Pole Permanent-Magnet Machine With Low Space Harmonics for Electric Vehicle Applications. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-10	2	30
200	. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2015 , 22, 3290-3298	2.3	30
199	Effect of Stator Winding Connection of Five-Phase Induction Machines on Torque Ripples Under Open Line Condition. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 580-593	5.5	28

198	A Space Vector PWM Scheme for Five-Phase Current-Source Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 562-573	8.9	27
197	Steady-State Mathematical Modeling of a Five-Phase Induction Machine With a Combined Star/Pentagon Stator Winding Connection. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 1331-1343	8.9	25
196	Modular Multilevel Converter-Based Bipolar High-Voltage Pulse Generator With Sensorless Capacitor Voltage Balancing Technique. <i>IEEE Transactions on Plasma Science</i> , 2016 , 44, 1187-1194	1.3	24
195	. <i>IEEE Transactions on Energy Conversion</i> , 2013 , 28, 576-592	5.4	24
194	Calculation of derating factors based on steady-state unbalanced multiphase induction machine model under open phase(s) and optimal winding currents. <i>Electric Power Systems Research</i> , 2014 , 106, 214-225	3.5	24
193	. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 5124-5134	2	22
192	A Droop Control Design for Multiterminal HVDC of Offshore Wind Farms With Three-Wire Bipolar Transmission Lines. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 1546-1556	7	21
191	An Interline Dynamic Voltage Restoring and Displacement Factor Controlling Device (IVDFC). <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 2737-2749	7.2	21
190	A Modular Multilevel Voltage-Boosting Marx Pulse-Waveform Generator for Electroporation Applications. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 10575-10589	7.2	20
189	Interior permanent magnet motor-based isolated on-board integrated battery charger for electric vehicles. <i>IET Electric Power Applications</i> , 2018 , 12, 124-134	1.8	20
188	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2018 , 6, 1394-1406	5.6	20
187	Application of Standard Three-Phase Stator Frames in Prime Phase Order Multiphase Machine Construction. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 2506-2517	8.9	20
186	A Modular Multilevel Converter With Ripple-Power Decoupling Channels for Three-Phase MV Adjustable-Speed Drives. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 4048-4063	7.2	20
185	A Nine-Phase Six-Terminal Concentrated Single-Layer Winding Layout for High-Power Medium-Voltage Induction Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 1796-1806	8.9	19
184	Analysis of Scalar PWM Approach With Optimal Common-Mode Voltage Reduction Technique for Five-Phase Inverters. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2019 , 7, 1854-1871	5.6	19
183	. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2016 , 23, 3450-3457	2.3	19
182	Minimum transmission power loss in multi-terminal HVDC systems: A general methodology for radial and mesh networks. <i>AEJ - Alexandria Engineering Journal</i> , 2019 , 58, 115-125	6.1	19
181	Effect of DC-Link Voltage Limitation on Postfault Steady-State Performance of Asymmetrical Six-Phase Induction Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 6890-6900	8.9	18

180	Effects of Mirazid() and myrrh volatile oil on adult <i>Fasciola gigantica</i> under laboratory conditions. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012 , 2, 875-84	1.4	18
179	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 8, 697-719	5.6	18
178	Arrester-less DC fault current limiter based on pre-charged external capacitors for half-bridge modular multilevel converters. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 93-101	2.5	17
177	Investigation of sensorless capacitor voltage balancing technique for modular multilevel converters 2014 ,		17
176	A Full-Bridge Submodule-Based Modular Unipolar/Bipolar High-Voltage Pulse Generator With Sequential Charging of Capacitors. <i>IEEE Transactions on Plasma Science</i> , 2017 , 45, 91-99	1.3	16
175	The transition arm multilevel converter A concept for medium and high voltage DC-DC transformers 2015 ,		16
174	Modular multilevel structure of a high power dual active bridge DC transformer with stepped two-level output 2014 ,		16
173	A series flywheel architecture for power levelling and mitigation of DC voltage transients in multi-terminal HVDC grids. <i>IET Generation, Transmission and Distribution</i> , 2014 , 8, 1951-1959	2.5	16
172	Low-Order Space Harmonic Modeling of Asymmetrical Six-Phase Induction Machines. <i>IEEE Access</i> , 2019 , 7, 6866-6876	3.5	16
171	Secure smart contract-enabled control of battery energy storage systems against cyber-attacks. <i>AEJ - Alexandria Engineering Journal</i> , 2019 , 58, 1291-1300	6.1	15
170	Postfault Control of Scalar (V/f) Controlled Asymmetrical Six-Phase Induction Machines. <i>IEEE Access</i> , 2018 , 6, 59211-59220	3.5	14
169	A Transformerless Bipolar/Unipolar High-Voltage Pulse Generator With Low-Voltage Components for Water Treatment Applications. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 2307-2319	4.3	13
168	Application of stator shifting to five-phase fractional-slot concentrated winding interior permanent magnet synchronous machine. <i>IET Electric Power Applications</i> , 2016 , 10, 681-690	1.8	13
167	Nine-Phase Six-Terminal Induction Machine Modeling Using Vector Space Decomposition. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 988-1000	8.9	13
166	A modular multilevel converter with isolated energy-balancing modules for MV drives incorporating symmetrical six-phase machines 2017 ,		13
165	A Non-Isolated Hybrid-Modular DC-DC Converter for DC Grids: Small-Signal Modeling and Control. <i>IEEE Access</i> , 2019 , 7, 132459-132471	3.5	13
164	Quasi two-level PWM operation of a nine-arm modular multilevel converter for six-phase medium-voltage motor drives 2018 ,		13
163	A Unipolar/Bipolar High-Voltage Pulse Generator Based on Positive and Negative BuckBoost DCDC Converters Operating in Discontinuous Conduction Mode. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 5368-5379	8.9	12

162	sICAM-1, sVCAM-1 and sE-Selectin Levels in Type 1 Diabetes. <i>Fetal and Pediatric Pathology</i> , 2018 , 37, 69-73	1.7	12
161	Native-oxide limited cross-plane thermal transport in suspended silicon membranes revealed by scanning thermal microscopy. <i>Applied Physics Letters</i> , 2017 , 111, 063106	3.4	12
160	Whole exome sequencing reveals a MLL de novo mutation associated with mild developmental delay and without hairy elbows expanding the phenotype of Wiedemann-Steiner syndrome. <i>Journal of Genetics</i> , 2015 , 94, 755-8	1.2	12
159	Dynamic Modeling of a Five-Phase Induction Machine With a Combined Star/Pentagon Stator Winding Connection. <i>IEEE Transactions on Energy Conversion</i> , 2016 , 31, 1645-1656	5.4	12
158	Home Energy Management System Embedded with a Multi-Objective Demand Response Optimization Model to Benefit Customers and Operators. <i>Energies</i> , 2021 , 14, 257	3.1	12
157	A sensorless Kalman filter-based active damping technique for grid-tied VSI with LCL filter. <i>International Journal of Electrical Power and Energy Systems</i> , 2017 , 93, 146-155	5.1	11
156	Association between a PD-1 gene polymorphism and antisperm antibody-related infertility in Iranian men. <i>Journal of Assisted Reproduction and Genetics</i> , 2015 , 32, 103-6	3.4	11
155	Bidirectional Buck-Boost Inverter-Based HVDC Transmission System With AC-Side Contribution Blocking Capability During DC-Side Faults. <i>IEEE Transactions on Power Delivery</i> , 2014 , 29, 1249-1261	4.3	11
154	High voltage pulse generator based on DC-to-DC boost converter with capacitor-diode voltage multipliers for bacterial decontamination 2015 ,		11
153	Microstructure and Superparamagnetic Properties of Mg-Ni-Cd Ferrites Nanoparticles. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-7	3.2	11
152	A Neutral-Point Diode-Clamped Converter With Inherent Voltage-Boosting for a Four-Phase SRM Drive. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 5313-5324	8.9	11
151	Common-mode voltage reduction for space vector modulated three- to five-phase indirect matrix converter. <i>International Journal of Electrical Power and Energy Systems</i> , 2018 , 95, 266-274	5.1	10
150	Effect of Gamma Irradiation on the Structure, Optical and Thermal Properties of PCBPT/NiO Polymer Nanocomposites Films. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017 , 27, 1851-1860	3.2	10
149	2013 ,		10
148	A Hybrid Nine-Arm Modular Multilevel Converter for Medium-Voltage Six-Phase Machine Drives. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 6681-6691	8.9	10
147	An Improved Torque Density Pseudo Six-Phase Induction Machine Using a Quadruple Three-Phase Stator Winding. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 1855-1866	8.9	10
146	Self-balanced non-isolated hybrid modular DCDC converter for medium-voltage DC grids. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 3626-3636	2.5	10
145	A robust experimental-based artificial neural network approach for photovoltaic maximum power point identification considering electrical, thermal and meteorological impact. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 3699-3707	6.1	9

144	. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2016 , 23, 2088-2094	2.3	9
143	Generation, performance evaluation and control design of single-phase differential-mode buckBoost current-source inverters. <i>IET Renewable Power Generation</i> , 2016 , 10, 916-927	2.9	9
142	A nine-arm modular multilevel converter (9A-MMC) for six-phase medium voltage motor drives 2015 ,		9
141	Harmonic rejection in current source inverter-based distributed generation with grid voltage distortion using multi-synchronous reference frame. <i>IET Power Electronics</i> , 2014 , 7, 1323-1330	2.2	9
140	2014 ,		9
139	A Senior Project-Based Multiphase Motor Drive System Development. <i>IEEE Transactions on Education</i> , 2016 , 59, 307-318	2.1	9
138	Steady-State Equivalent Circuit of Five-Phase Induction Machines With Different Stator Connections Under Open-Line Conditions. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 1-1	8.9	9
137	Development of Modular DC-DC Converters for Low-Speed Electric Vehicles Fast Chargers. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 1067-1083	6.1	9
136	Zero-/Low-Speed Operation of Multiphase Drive Systems With Modular Multilevel Converters. <i>IEEE Access</i> , 2019 , 7, 14353-14365	3.5	8
135	Standard Three-Phase Stator Frames for Multiphase Machines of Prime-Phase Order: Optimal Selection of Slot/Pole Combination. <i>IEEE Access</i> , 2019 , 7, 78239-78259	3.5	8
134	Treatment of Egyptian microcoeliasis in man and animals with Mirazid. <i>Journal of the Egyptian Society of Parasitology</i> , 2003 , 33, 437-42	0.9	8
133	A Boost-Inverter-Based Bipolar High-Voltage Pulse Generator. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 2846-2855	7.2	7
132	A transformerless STATCOM based on a hybrid Boost Modular Multilevel Converter with reduced number of switches. <i>Electric Power Systems Research</i> , 2017 , 146, 341-348	3.5	7
131	A new dual series-connected Nine-Switch Converter topology for a twelve-phase induction machine wind energy system 2017 ,		7
130	Optical, structure and thermal investigation of the effect of gamma radiation in CPVC/Ag and CPVC/Pd nanocomposites membrane. <i>Radiation Effects and Defects in Solids</i> , 2019 , 174, 111-124	0.9	7
129	2015 ,		7
128	Assessment of Isolated and Non-Isolated DC-DC Converters for Medium-Voltage PV Applications 2017 ,		7
127	Design and analysis of high-gain medium-voltage DC-DC converters for high-power PV applications 2018 ,		7

126	A Self-Balanced Bidirectional Medium-/High-Voltage Hybrid Modular DCDC Converter With Low-Voltage Common DC-Link and Sequential Charging/Discharging of Submodules Capacitors. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 2714-2725	8.9	7
125	Non-linear sliding-mode control of three-phase buck-boost inverter 2014 ,		7
124	A bearingless coaxial magnetic gearbox. <i>AEJ - Alexandria Engineering Journal</i> , 2014 , 53, 573-582	6.1	7
123	A hybrid boost modular multilevel converter-based bipolar high voltage pulse generator. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2017 , 24, 2873-2880	2.3	7
122	An asymmetrical six-phase induction motor drive based on nine-arm Modular Multilevel Converter (9AMMC) with circulating current suppression 2015 ,		7
121	Open loop V/f control of multiphase induction machine under open-circuit phase faults 2013 ,		7
120	Unified power flow controller for low voltage ride through capability of wind-based renewable energy grid-connected systems 2011 ,		7
119	Machine Learning-Based Management of Electric Vehicles Charging: Towards Highly-Dispersed Fast Chargers. <i>Energies</i> , 2020 , 13, 5429	3.1	7
118	A new fifteen-switch inverter topology for two five-phase motors drive 2016 ,		7
117	A Novel Converter Station Structure for Improving Multiterminal HVDC System Resiliency Against AC and DC Faults. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 4270-4280	8.9	7
116	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 843-857	5.6	7
115	Acaricidal efficacy of Myrrh (<i>Commiphora molmol</i>) on the fowl tick <i>Argas persicus</i> (Acari: Argasidae). <i>Journal of the Egyptian Society of Parasitology</i> , 2005 , 35, 667-86	0.9	7
114	Anti-cyclic citrullinated peptide antibody and rheumatoid factor isotypes in Iranian patients with rheumatoid arthritis: evaluation of clinical value and association with disease activity. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2014 , 13, 147-56	1.1	7
113	Energy in smart grid: Strategies and technologies for efficiency enhancement 2015 ,		6
112	Modular multilevel DCDC converter with arm interchange concept. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 564-576	2.5	6
111	A HVDC shunt tap based on unidirectional hybrid modular DCDC converter with simultaneous charging and sequential discharging of capacitors. <i>Electric Power Systems Research</i> , 2018 , 158, 37-44	3.5	6
110	Design of an electric spring for power quality improvement in PV-based DC grid 2018 ,		6
109	Boost inverter-based HVDC transmission system with inherent blocking capability of AC side contribution during DC side faults. <i>Electric Power Systems Research</i> , 2014 , 116, 12-23	3.5	6

108	An active damping technique for a current source inverter employing a virtual negative inductance 2010,		6
107	A new power locus for the p-q operation of series connected 12-pulse current source controlled converters. <i>Power Electronics Specialist Conference (PESC), IEEE, 2008,</i>		6
106	Modelling of DC-DC converters with continuous input current for high power PV applications 2016,		6
105	A highly efficient PV power system for DC MicroGrids 2016,		6
104	Larvicidal activity of <i>Commiphora molmol</i> against <i>Culex pipiens</i> and <i>Aedes caspius</i> larvae. <i>Journal of the Egyptian Society of Parasitology, 2000, 30, 101-15</i>	0.9	6
103	Biochemical changes of <i>Culex pipiens</i> larvae treated with oil and oleo-resin extracts of <i>Myrrh Commiphora molmol</i> . <i>Journal of the Egyptian Society of Parasitology, 2001, 31, 517-29</i>	0.9	6
102	Cogging torque reduction of axial magnetic gearbox using pole pairing technique 2015,		5
101	Real-Time Scheduling for Electric Vehicles Charging/Discharging Using Reinforcement Learning 2020,		5
100	Modular Isolated DC-DC Converters for Ultra-Fast EV Chargers: A Generalized Modeling and Control Approach. <i>Energies, 2020, 13, 2540</i>	3.1	5
99	2016,		5
98	2016,		5
97	Multi-module high voltage pulse generator based on DC-DC boost converter and CDVMs for drinking water purification 2016,		5
96	A new single tooth winding layout for a single-phase induction motor with segmented stator 2015,		5
95	A static three-phase to five-phase transformer based on Scott connection. <i>Electric Power Systems Research, 2014, 110, 84-93</i>	3.5	5
94	Solar car efficient power convertersTdesign 2016,		5
93	A reduced switch-count single-phase SEPIC-based inverter 2015,		4
92	Hybrid Modular Multilevel Converter With Arm-Interchange Concept for Zero-/Low- Frequency Operation of AC Drives. <i>IEEE Access, 2020, 8, 14756-14766</i>	3.5	4
91	Autosomal dominant deficiency of the interleukin-17F in recurrent aphthous stomatitis: Possible novel mutation in a new entity. <i>Gene, 2018, 654, 64-68</i>	3.8	4

90	2018,		4
89	High-gain DC-DC converters for high-power PV applications: Performance assessment 2018,		4
88	Sinusoidal PWM modulation technique of five-phase current-source-converters with controlled modulation index 2014,		4
87	An axial magnetic gearbox with an electric power output port 2014,		4
86	Series-connected multi-half-bridge modules converter for integrating multi-megawatt wind multi-phase permanent magnet synchronous generator with dc grid. <i>IET Electric Power Applications</i> , 2017 , 11, 981-990	1.8	4
85	Model-predictive control for common-mode voltage reduction and third-harmonic current injection techniques with five-phase inverters 2017,		4
84	A dual three-phase induction machine based flywheel storage system driven by modular multilevel converters for fault ride through in HVDC systems 2015,		4
83	A five-phase induction machine model using multiple DQ planes considering the effect of magnetic saturation 2014,		4
82	Review on State-of-the-Art Unidirectional Non-Isolated Power Factor Correction Converters for Short-/Long-Distance Electric Vehicles. <i>IEEE Access</i> , 2022 , 10, 11308-11340	3.5	4
81	Carrier-Based PWM Strategy for Quasi-Z Source Nine-Switch Inverters 2019,		4
80	Nine-phase six-terminal pole-amplitude modulated induction motor for electric vehicle applications. <i>IET Electric Power Applications</i> , 2019 , 13, 1696-1707	1.8	4
79	An Optimal PWM Technique for Dual-Output Nine-Switch Boost Inverters With Minimum Passive Component Count. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 1065-1079	7.2	4
78	Distributed Event-Triggered Consensus-Based Control of DC Microgrids in Presence of DoS Cyber Attacks. <i>IEEE Access</i> , 2021 , 9, 54009-54021	3.5	4
77	Electric Vehicles Charging Management Using Machine Learning Considering Fast Charging and Vehicle-to-Grid Operation. <i>Energies</i> , 2021 , 14, 6199	3.1	4
76	Compatibility of Biomphalaria alexandrina snails to infection with Schistosoma mansoni after exposure to sublethal concentrations of Myrrh. <i>Journal of the Egyptian Society of Parasitology</i> , 2004 , 34, 995-1008	0.9	4
75	Optimal DC Voltage Control in Multi-Terminal HVDC Network: Modeling and Scenarios 2019,		3
74	Modeling of CubeSat Orientation Scenario and Solar Cells for Internet of Space Provision 2019,		3
73	A five-phase linear induction machine with planar modular winding 2015,		3

72	A grid-connected HVDC shunt tap based on series-input parallel-output DC-AC multi-module 2-level voltage source converters 2015 ,		3
71	Dynamic voltage restorer for voltage sag mitigation in oil & gas industry 2015 ,		3
70	A Grid-Connected Capacitor-Tapped Multimodule Converter for HVDC Applications: Operational Concept and Control. <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 5523-5535	4.3	3
69	Three-wire bipolar high-voltage direct current line using an existing single-circuit high-voltage alternating current line for integrating renewable energy sources in multiterminal DC networks. <i>IET Renewable Power Generation</i> , 2016 , 10, 370-379	2.9	3
68	Active Power Filter 2014 , 534-572		3
67	An adaptive PR controller for inverter-based distribution generation with active damped LCL filter 2013 ,		3
66	Low-voltage DC input, high-voltage pulse generator using nano-crystalline transformer and sequentially charged MMC sub-modules, for water treatment applications 2017 ,		3
65	2015 ,		3
64	2014 ,		3
63	A synchronous DQ frame controller via an LCL coupled filter under unbalanced three-phase voltage supply conditions 2011 ,		3
62	Simplified generic on-line PWM technique for single phase grid connected current source inverters 2012 ,		3
61	Impact of forced and unforced system parameter variations on network stability and system economics of radial MTDC networks. <i>Electric Power Systems Research</i> , 2020 , 179, 106051	3.5	3
60	Hybrid Multimodule DC-DC Converters for Ultrafast Electric Vehicle Chargers. <i>Energies</i> , 2020 , 13, 4949	3.1	3
59	Thermal conductivity of irradiated porous silicon down to the oxide limit investigated by Raman thermometry and scanning thermal microscopy. <i>Journal of Applied Physics</i> , 2020 , 128, 175109	2.5	3
58	Multimodule DC-DC Converters for High-Voltage High-Power Renewable Energy Sources 2019 ,		3
57	A bidirectional non-isolated hybrid modular DCDC converter with zero-voltage switching. <i>Electric Power Systems Research</i> , 2019 , 167, 277-289	3.5	3
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