Wojciech Jarzyna

List of Publications by Year
in descending order

		1307594	1125743
24 papers	259 citations	7 h-index	13 g-index
24 all docs	24 docs citations	24 times ranked	199 citing authors

#	ARTICLE	IF	CITATIONS
1	Active suppression of nonlinear composite beam vibrations by selected control algorithms. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 2237-2248.	3.3	67
2	A Hybrid 7-Level Inverter Using Low-Voltage Devices and Operation With Single DC-Link. IEEE Transactions on Power Electronics, 2019, 34, 9844-9853.	7.9	59
3	A Fault-Tolerant Five-Level Inverter Topology With Reduced Component Count for OEIM Drives. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 961-969.	5.4	24
4	Synchronization of voltage frequency converters with the grid in the presence of notching. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2015, 34, 657-673.	0.9	16
5	Modelling and Simulation of 3 Blade Helicopter's Rotor Model. Acta Physica Polonica A, 2014, 125, 1380-1384.	0.5	10
6	Extending the Linear Modulation Range to Full Base Speed Independent of Load Power Factor for a Multilevel Inverter Fed IM Drive. IEEE Transactions on Industrial Electronics, 2020, 67, 9143-9152.	7.9	10
7	The comparison of Polish grid codes to certain European standards and resultant differences for WPP requirements. , 2013, , .		9
8	A Twelve Concentric Multilevel Twenty-Four Sided Polygonal Voltage Space Vector Structure for Variable Speed Drives. IEEE Transactions on Power Electronics, 2019, 34, 9906-9915.	7.9	8
9	A Very High Resolution 30-Sided Space Vector Generation From a Single DC-Link for Induction Motor Drives. IEEE Transactions on Industrial Electronics, 2022, 69, 160-168.	7.9	7
10	A Multilevel Inverter for Instantaneous Voltage Balancing of Single Sourced Stacked DC-Link Capacitors for an Induction Motor Load. IEEE Transactions on Power Electronics, 2022, 37, 10633-10641.	7.9	7
11	The impact of converter's synchronization during FRT voltage recovery in two-phase short circuits. , 2015, , .		5
12	Reduction of voltage and power oscillation in the two-phase shorting of a grid inverter. , 2017, , .		5
13	A Thirteen Level Twenty-Four Sided Polygonal Voltage Space Vector Structure for Drives. , 2018, , .		5
14	A Hybrid Seven Level Inverter Topology Formed by Cascading T-Type and Active Neutral Point Clamped Inverter for Induction Motor Drives. , 2018, , .		5
15	Generation of 42-sided polygonal Voltage Space Vector Structure for suppression of lower order harmonics in IM Drive Applications. , 2020, , .		4
16	A Multilevel 30-Sided Space Vector Structure With Congruent Triangles and Timing Calculation Using Only Sampled Reference Voltages. IEEE Transactions on Industrial Electronics, 2021, 68, 7884-7894.	7.9	4
17	Modified repetitive control based on comb filters for harmonics control in grid-connected applications. Electric Power Systems Research, 2021, 200, 107412.	3.6	4
18	A Fault-Tolerant 24-Sided Voltage Space Vector Structure for Open-End Winding Induction Motor Drive. IEEE Transactions on Power Electronics, 2022, 37, 10738-10746.	7.9	4

#	Article	IF	Citations
19	COLD STORAGE-SUPPORTED AIR CONDITIONING SYSTEM IN URBAN TRANSPORT VEHICLES. Journal of Ecological Engineering, 2016, 17, 120-127.	1.1	3
20	State control with LQR algorithms applied in vibration damping of cantilever beam. , 2012, , .		2
21	Evaluation of Suppression Methods Used for Reduction of Vibrations of the Active Composite Beam. Advances in Intelligent and Soft Computing, 2012, , 709-716.	0.2	1
22	Application of Model Reference Adaptive System in Natural Frequency Identification of an Active Beam Composite Structure. , 2014, , .		0
23	Short-Circuit Current Surge Following the Use of a Synchronous Compensator in Island Operation of a Static Inverter. , 2018, , .		0
24	A Fifteen Concentric 30-sided Polygonal Space Vector Structure Using a Single DC-link for OEIM drive. , 2020, , .		0