

# Tuyen Nguyen

## List of Publications by Year in descending order

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42  
papers

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citations

933447

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h-index

888059

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all docs

42  
docs citations

42  
times ranked

631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation Strategies to Reduce Common-Mode Voltage for Indirect Matrix Converters. IEEE Transactions on Industrial Electronics, 2012, 59, 129-140.	7.9	115
2	A New SVM Method for an Indirect Matrix Converter With Common-Mode Voltage Reduction. IEEE Transactions on Industrial Informatics, 2014, 10, 61-72.	11.3	107
3	Dual Three-Phase Indirect Matrix Converter With Carrier-Based PWM Method. IEEE Transactions on Power Electronics, 2014, 29, 569-581.	7.9	71
4	Development of a Three-to-Five-Phase Indirect Matrix Converter With Carrier-Based PWM Based on Space-Vector Modulation Analysis. IEEE Transactions on Industrial Electronics, 2016, 63, 13-24.	7.9	61
5	Hydroformylation of olefins over rhodium supported metal-organic framework catalysts of different structure. Microporous and Mesoporous Materials, 2013, 177, 135-142.	4.4	42
6	An adaptive carrier-based PWM method for four-switch three-phase inverter. , 2009, , .		26
7	Harmonics Rejection in Stand-Alone Doubly-Fed Induction Generators With Nonlinear Loads. IEEE Transactions on Energy Conversion, 2016, 31, 815-817.	5.2	24
8	A new dihydrofurocoumarin from the fruits of <i>Pandanus tectorius</i> Parkinson ex Du Roi. Natural Product Research, 2016, 30, 2389-2395.	1.8	23
9	Carrier Phase-Shift PWM to Reduce Common-Mode Voltage for Three-Level T-Type NPC Inverters. Journal of Power Electronics, 2014, 14, 1197-1207.	1.5	18
10	Selective harmonic elimination for cascaded multilevel inverters using Grey Wolf Optimizer algorithm. , 2015, , .		18
11	Space Vector Modulation for an Indirect Matrix Converter with Improved Input Power Factor. Energies, 2017, 10, 588.	3.1	14
12	Carrier-based PWM technique for three-to-five phase indirect matrix converters. , 2011, , .		12
13	Adaptive virtual impedance control scheme to eliminate reactive power sharing errors in islanded microgrid. , 2016, , .		11
14	A Carrier-Based Pulse Width Modulation Method for Indirect Matrix Converters. Journal of Power Electronics, 2012, 12, 448-457.	1.5	11
15	Design and Implementation of 150 W AC/DC LED Driver with Unity Power Factor, Low THD, and Dimming Capability. Electronics (Switzerland), 2020, 9, 52.	3.1	10
16	An approach of sparse matrix converter using Z-source network. , 2010, , .		9
17	New $\hat{1}\pm$ -pinene isomerization catalysts. Catalysis in Industry, 2011, 3, 319-330.	0.7	9
18	Generalized carrier-based PWM method for indirect matrix converters. , 2012, , .		9

#	ARTICLE	IF	CITATIONS
19	Improved large mesoporous ordered molecular sievesâ€™ Stabilization and acid/base functionalization. Catalysis Today, 2010, 152, 54-60.	4.4	7
20	Carrier-based PWM method for four-leg very sparse matrix converter. , 2011, , .		7
21	Wideband Unit-cell for Linearly Polarized X-band Transmitarray Applications. , 2018, , .		6
22	Simplified Space-Vector Modulation Strategy for Indirect Matrix Converter With Common-Mode Voltage and Harmonic Distortion Reduction. IEEE Access, 2020, 8, 218489-218498.	4.2	6
23	Multilevel indirect matrix converter with carrier-based pulse width modulation. , 2014, , .		5
24	A modulation strategy to eliminate CMV for matrix converters with input power factor compensation. , 2016, , .		5
25	The carrier - based PWM method to reduce common-mode voltage for three - level T - type neutral point clamp inverter. , 2014, , .		4
26	Model predictive current control for T-type NPC inverter using new on-line inductance estimation method. , 2016, , .		4
27	Carrier-based PWM strategy for post-fault reconfigured 3-level NPC inverter under imbalanced dc-link voltages. , 2016, , .		4
28	A New Decentralized Space Vector PWM Method for Multilevel Single-Phase Full Bridge Converters. Energies, 2022, 15, 1010.	3.1	4
29	A SVM method for five-leg indirect matrix converters with open-end winding load. , 2015, , .		3
30	Development and implementation of smart street lighting system based on LoRa Technology. Science & Technology Development Journal - Engineering and Technology, 2020, 2, 193-206.	0.1	3
31	Predictive voltage controller for T-type NPC inverter. , 2016, , .		2
32	Dynamic voltage restorer-multilevel inverter based on predictive voltage controller. , 2016, , .		2
33	Three-vector modulation scheme to improve output performance for five-leg indirect matrix converter fed open-end load. , 2016, , .		2
34	Development of generalised relationship between active and rotating vectors in matrix converters. Electronics Letters, 2019, 55, 339-341.	1.0	2
35	Control and Monitor of Single-Stage Single-Phase T-type Grid-connected Inverter based on IoT. , 2021, , .		2
36	The control strategy for a four-leg indirect matrix converter with unbalanced load. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
37	New space vector PWM method based on virtual flux vector for T-NPC inverter. , 2014, , .		1
38	SVPWM method for dual indirect matrix converter with zero-common mode voltage. , 2016, , .		1
39	The modified space vector PWM method for three-phase voltage source inverter with AC decoupling circuit. , 2014, , .		0
40	Carrier-based PWM modulation for indirect matrix converter fed open-end winding load. , 2016, , .		0
41	Improvement of power converter configuration in heliostat system. , 2016, , .		0
42	SVPWM Method for Multilevel Indirect Matrix Converter with Eliminate Common Mode Voltage. Applied Sciences (Switzerland), 2019, 9, 1342.	2.5	0