

Yuttana Kumsuwan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A High-Performance Grid-Tied Three-Level T-Type Converter for Off-Board Battery Chargers Under AC-Side Voltage Distortions and Unbalances. , 2022, , .		3
2	PWM Techniques for a 13-Level Asymmetrical Dual Inverter Configuration Without the Overcharging of Floating Capacitor. , 2020, , .		1
3	Single-Phase Cascaded Inverter to Reduce Common Mode Current in Standalone PV System Using A Modified Phase-shifted Carrier-Based PWM. , 2018, , .		0
4	Grid Synchronization of Doubly-Fed Induction Generator System Using Current Vector Control. , 2018, , .		0
5	Carrier-Based Space Vector Pulsewidth Modulation Strategy for a Bidirectional Single-Phase Three-leg Active Power Decoupling Converter. , 2018, , .		1
6	Discontinuous SVM Technique for Three-Leg VSI Fed Balanced/Unbalanced Two-Phase Loads. , 2018, , .		2
7	Reduction of Power Losses Based on Generalized Two-level PWM Algorithm for a Nine-switch VSI. , 2018, , .		0
8	A Carrier-Based Phase-Shift Space Vector Modulation Strategy for a Nine-Switch Inverter. IEEE Transactions on Power Electronics, 2017, 32, 3425-3441.	7.9	41
9	A CB-SVPWM control strategy for neutral-poin voltage balancing in three-level NPC inverters. , 2017, , .		2
10	Grid-flux-oriented control and synchronization for a doubly-fed induction generator system. , 2017, , .		1
11	Analysis of power losses for a nine-switch inverter in common-frequency mode application. , 2017, , .		1
12	Discontinuous gate-drive signals for a three-phase three-switch unidirectional delta-type rectifier based on 2L-SVM analysis of a Vienna rectifier. , 2017, , .		1
13	Static series-connected compensator with load-side connected shunt converter based on single-phase VSI for voltage sag mitigation. , 2016, , .		0
14	Novel modulation strategy based on generalized two-level PWM theory for nine-switch inverter with reduction of switching commutation. , 2016, , .		5
15	A comparative study of vector control strategies for rotor-side converter of DFIG wind energy systems. , 2016, , .		8
16	A control strategy for a matrix converter based on Venturini method under unbalanced input voltage conditions. , 2016, , .		3
17	Implementation of ripple correlation control MPPT for single-phase VSI grid-connected PV systems. , 2015, , .		6
18	Elevator Energy Regenerative Unit (EERU) for energy saving in a Permanent Magnet Motor Elevator system. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Dual low pass filter-based voltage sag detection for voltage sag compensator under distorted grid voltages. , 2014, , .		0
20	A space vector modulation strategy for three-level operation based on dual two-level voltage source inverters. , 2014, , .		5
21	A Carrier-Based Unbalanced PWM Method for Four-Leg Voltage Source Inverter Fed Unsymmetrical Two-Phase Induction Motor. IEEE Transactions on Industrial Electronics, 2013, 60, 2031-2041.	7.9	41
22	Phase-shifted PWM strategy of a seven-level single-phase current source inverter for grid-connection systems. , 2013, , .		6
23	Control of single-phase cascaded H-bridge multilevel inverter with modified MPPT for grid-connected photovoltaic systems. , 2013, , .		19
24	Implementation of shunt active power filter using source voltage and source current detection. , 2008, , .		10