Thuy Vi Tran

List of Publications by Year
in descending order

10 papers	128 citations	1478505 6 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	102 citing authors

#	Article	IF	Citations
1	H_2/H_∞ Robust Observed-State Feedback Control Based on Slack LMI-LQR for LCL-Filtered Inverters. IEEE Transactions on Industrial Electronics, 2023, 70, 4785-4798.	7.9	8
2	LMI-Based Model Predictive Current Control for an LCL-Filtered Grid-Connected Inverter under Unexpected Grid and System Uncertainties. Electronics (Switzerland), 2022, 11, 731.	3.1	8
3	Optimized Active Disturbance Rejection Control With Resonant Extended State Observer for Grid Voltage Sensorless *LCL*-Filtered Inverter. IEEE Transactions on Power Electronics, 2021, 36, 13317-13331.	7.9	29
4	Stability Assessment of Current Controller with Harmonic Compensator for LCL-Filtered Grid-Connected Inverter under Distorted Weak Grid. Applied Sciences (Switzerland), 2021, 11, 212.	2.5	4
5	Frequency Adaptive Grid Voltage Sensorless Control of *LCL*-Filtered Inverter Based on Extended Model Observer. IEEE Transactions on Industrial Electronics, 2020, 67, 7560-7573.	7.9	25
6	Grid Voltage Estimation Based on Integral Resonant Current Controller for LCL-Filtered Grid-Connected Inverter without AC Voltage Sensors. Electronics (Switzerland), 2020, 9, 2051.	3.1	0
7	A Voltage-sensorless Current Control of Grid-connected Inverter Using Frequency-adaptive Observer. IFAC-PapersOnLine, 2019, 52, 63-68.	0.9	0
8	Frequency Adaptive Current Control Scheme for Grid-connected Inverter without Grid Voltage Sensors Based on Gradient Steepest Descent Method. Energies, 2019, 12, 4266.	3.1	10
9	Frequency-Adaptive Current Controller Design Based on LQR State Feedback Control for a Grid-Connected Inverter under Distorted Grid. Energies, 2018, 11, 2674.	3.1	18
10	An LQR-Based Controller Design for an LCL-Filtered Grid-Connected Inverter in Discrete-Time State-Space under Distorted Grid Environment. Energies, 2018, 11, 2062.	3.1	26