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Electric Power System  
Power Quality  
Renewable Energy  
Smart Grid  
Hydrogen Society

	All	Since 2014
Citations	128	119
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TITLE	CITED BY	YEAR
<p><a href="#">PV-active power filter combination supplies power to nonlinear load and compensates utility current</a></p> <p>ND Tuyen, G Fujita IEEE power and energy technology systems journal 2 (1), 32-42</p>	41	2015
<p><a href="#">Adaptive notch filter solution under unbalanced and/or distorted point of common coupling voltage for three-phase four-wire shunt active power filter with sinusoidal utility ...</a></p> <p>ND Dinh, ND Tuyen, G Fujita, T Funabashi IET Generation, Transmission &amp; Distribution 9 (13), 1580-1596</p>	19	2015
<p><a href="#">Negative-sequence current injection of dispersed generation for islanding detection and unbalanced fault ride-through</a></p> <p>ND Tuyen, G Fujita 2011 46th International Universities' Power Engineering Conference (UPEC), 1-6</p>	13	2011
<p><a href="#">Dual-active-bridge series resonant converter: A new control strategy using phase-shifting combined frequency modulation</a></p> <p>N Duy-Dinh, ND Tuyen, F Goto, F Toshihisa 2015 IEEE Energy Conversion Congress and Exposition (ECCE), 1215-1222</p>	7	2015
<p><a href="#">Adaptive notch filter for synchronization and islanding detection using negative-sequence impedance measurement</a></p> <p>ND Tuyen, G Fujita, T Funabashi, M Nomura IEEEJ Transactions on Electrical and Electronic Engineering 7 (3), 240-250</p>	6	2012
<p><a href="#">New modulation strategy combining phase shift and frequency variation for dual-active-bridge converter</a></p> <p>DD Nguyen, DT Nguyen, G Fujita IEEEJ Journal of Industry Applications 6 (2), 140-150</p>	5	2017
<p><a href="#">Analysis of transient-to-island mode of power electronic interface with conventional dq-current controller and proposed droop-based controller</a></p> <p>ND Tuyen, G Fujita, T Funabashi, M Nomura Electrical Engineering 99 (1), 47-57</p>	4	2017
<p><a href="#">Optimal placement and sizing of SVC by using various meta-heuristic optimization methods</a></p> <p>KP Nguyen, G Fujita, ND Tuyen, VN Dieu, T Funabashi The 2nd IEEE Conference on Power Engineering and Renewable Energy (ICPERE ...</p>	4	2014
<p><a href="#">Modelling a SOFC power unit using natural gas fed directly</a></p> <p>ND Tuyen, G Fujita Advances in natural gas technology</p>	4	2012

TITLE	CITED BY	YEAR
<a href="#">Load following characteristics and operating temperature control of SOFC simulation</a> ND Tuyen, G Fujita, R Yokoyama, K Koyanagi, T Funabashi, M Nomura 2009 Transmission & Distribution Conference & Exposition: Asia and Pacific, 1-4	4	2009
<a href="#">Observer-based nonlinear control for frequency modulated dual-active-bridge converter</a> ND Dinh, NM Linh, ND Tuyen, G Fujita 2016 IEEE Energy Conversion Congress and Exposition (ECCE), 1-8	3	2016
<a href="#">Islanding detection method based on injecting perturbation signal and rate of change of output power in DC grid-connected photovoltaic system</a> T Tran, D Nguyen, G Fujita Energies 11 (5), 1313	2	2018
<a href="#">Notch adaptive filter solution under unbalanced and/or distorted PCC voltage for 3-phase 3-wire shunt active power filter</a> ND Tuyen, G Fujita, MNB Muhtazaruddin Electrical Engineering 98 (3), 321-332	2	2016
<a href="#">Rapid and sensitive detection of clenbuterol using a fluorescence nanosensor based on diazo coupling mechanism</a> TTH Tran, TMH Do, MH Hoang, DT Nguyen, QT Le, DN Nguyen, TT Ngo Advances in Natural Sciences: Nanoscience and Nanotechnology 6 (2), 025007	2	2015
<a href="#">Investigation of ZVS condition for dual-active-bridge converter using dual-phase-shift modulation</a> ND Dinh, ND Tuyen, G Fujita, MNB Muhtazaruddin 2014 IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC), 1-6	2	2014
<a href="#">3-Phase 4-wire Shunt APF under non-ideal PCC voltage using Adaptive Notch Filter</a> ND Tuyen, G Fujita, MNB Muhtazaruddin 2014 IEEE PES General Meeting  Conference & Exposition, 1-5	2	2014
<a href="#">Optimal distributed generation and capacitor coordination for power loss minimization</a> MNB Muhtazaruddin, ND Tuyen, G Fujita, JJB Jamian 2014 IEEE PES T&D Conference and Exposition, 1-5	2	2014
<a href="#">An integrated function of photovoltaic generator supplying to nonlinear load: Active power filter</a> ND Tuyen, G Fujita, T Funabashi, M Nomura 2013 48th International Universities' Power Engineering Conference (UPEC), 1-6	2	2013
<a href="#">Applying Adaptive Notch Filter in <math>\alpha\beta</math>-coordinate to improve 3-phase 4-wire shunt APF performance under non-ideal PCC voltage</a> ND Tuyen, ND Dinh, G Fujita, T Funabashi 2015 IEEE Power & Energy Society General Meeting, 1-5	1	2015
<a href="#">Shunt Active Power Filter for 3-phase 3-wire nonlinear load under unbalanced and distorted PCC voltage using Notch Adaptive Filter</a> ND Tuyen, G Fujita, MNB Muhtazaruddin, T Funabashi 2014 IEEE PES T&D Conference and Exposition, 1-5	1	2014