

Kuang-Hsiung Tan

List of Publications by Year in descending order

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28
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citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Intelligent Controlled Microgrid for Power Sharing and Load Shedding. IEEE Transactions on Power Electronics, 2022, 37, 7928-7940.	7.9	13
2	Virtual Synchronous Generator Using an Intelligent Controller for Virtual Inertia Estimation. Electronics (Switzerland), 2022, 11, 86.	3.1	5
3	Intelligent Controlled DSTATCOM for Power Quality Enhancement. Energies, 2022, 15, 4017.	3.1	8
4	Seamless Switching and Grid Reconnection of Microgrid Using Petri Recurrent Wavelet Fuzzy Neural Network. IEEE Transactions on Power Electronics, 2021, 36, 11847-11861.	7.9	19
5	Intelligent Control of Microgrid With Virtual Inertia Using Recurrent Probabilistic Wavelet Fuzzy Neural Network. IEEE Transactions on Power Electronics, 2020, 35, 7451-7464.	7.9	46
6	Distributed Generator with Virtual Inertia Using Intelligent Controller for Grid-Connected Microgrid. , 2020, , .		2
7	Improved LVRT Performance of PV Power Plant Using Recurrent Wavelet Fuzzy Neural Network Control for Weak Grid Conditions. IEEE Access, 2020, 8, 69346-69358.	4.2	23
8	DG System Using PFNN Controllers for Improving Islanding Detection and Power Control. Energies, 2019, 12, 506.	3.1	6
9	Intelligent PV Power System With Unbalanced Current Compensation Using CFNN-AMF. IEEE Transactions on Power Electronics, 2019, 34, 8588-8598.	7.9	36
10	Intelligent Controlled Distributed Generator System for P-Q Control and Islanding Detection. , 2018, , .		1
11	A Distribution Static Compensator Using a CFNN-AMF Controller for Power Quality Improvement and DC-Link Voltage Regulation. Energies, 2018, 11, 1996.	3.1	16
12	Intelligent controlled shunt active power filter for voltage and current harmonic compensation in microgrid system. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2018, 41, 269-285.	1.1	5
13	DC-Link Voltage Regulation Using RPFNN-AMF for Three-Phase Active Power Filter. IEEE Access, 2018, 6, 37454-37463.	4.2	17
14	A Three-Phase Four-Leg Inverter-Based Active Power Filter for Unbalanced Current Compensation Using a Petri Probabilistic Fuzzy Neural Network. Energies, 2017, 10, 2005.	3.1	20
15	Comparative study of low-frequency noise in 0.18 μm and 0.35 μm gate-length nMOSFETs with gate area of 1.1 μm^2 . Microelectronics Reliability, 2016, 60, 10-15.	1.7	2
16	Improved differential evolution-based Elman neural network controller for squirrel-cage induction generator system. IET Renewable Power Generation, 2016, 10, 988-1001.	3.1	14
17	Active islanding detection method via current injection disturbance using Elman neural network. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2015, 38, 517-535.	1.1	6
18	Squirrel-cage induction generator system using probabilistic fuzzy neural network for wind power applications. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Squirrel-cage induction generator system using hybrid wavelet fuzzy neural network control for wind power applications. <i>Neural Computing and Applications</i> , 2015, 26, 911-928.	5.6	10
20	Squirrel Cage Induction Generator System Using Wavelet Petri Fuzzy Neural Network Control for Wind Power Applications. <i>IEEE Transactions on Power Electronics</i> , 2015, , 1-1.	7.9	36
21	Intelligent controlled three-phase squirrel-cage induction generator system using wavelet fuzzy neural network for wind power. <i>IET Renewable Power Generation</i> , 2013, 7, 552-564.	3.1	27
22	Intelligent-controlled doubly fed induction generator system using PFNN. <i>Neural Computing and Applications</i> , 2013, 22, 1695-1712.	5.6	9
23	Active islanding detection method using <i><i>d</i></i> axis disturbance signal injection with intelligent control. <i>IET Generation, Transmission and Distribution</i> , 2013, 7, 537-550.	2.5	33
24	Active islanding detection method using wavelet fuzzy neural network. , 2012, , .		15
25	Intelligent control of doubly-fed induction generator systems using PIDNNs. <i>Asian Journal of Control</i> , 2012, 14, 768-783.	3.0	10
26	Design of Supervisor for Automated Manufacturing Systems Using Finite State Automata. <i>Advanced Science Letters</i> , 2012, 13, 339-342.	0.2	0
27	Control of doubly-fed induction generator system using PFNN. , 2011, , .		6
28	Control of Doubly-Fed Induction Generator System Using PIDNNs. , 2010, , .		6