

Kuang-Hsiung Tan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Squirrel Cage Induction Generator System Using Wavelet Petri Fuzzy Neural Network Control for Wind Power Applications. IEEE Transactions on Power Electronics, 2015, , 1-1.	7.9	36
3	Intelligent PV Power System With Unbalanced Current Compensation Using CFNN-AMF. IEEE Transactions on Power Electronics, 2019, 34, 8588-8598.	7.9	36
4	Active islanding detection method using α -axis disturbance signal injection with intelligent control. IET Generation, Transmission and Distribution, 2013, 7, 537-550.	2.5	33
5	Intelligent controlled three-phase squirrel-cage induction generator system using wavelet fuzzy neural network for wind power. IET Renewable Power Generation, 2013, 7, 552-564.	3.1	27
6	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
7	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
8	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
9	DC-Link Voltage Regulation Using RPFNN-AMF for Three-Phase Active Power Filter. IEEE Access, 2018, 6, 37454-37463.	4.2	17
10	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
11	Active islanding detection method using wavelet fuzzy neural network. , 2012, , .		15
12	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
13	Development of Intelligent Controlled Microgrid for Power Sharing and Load Shedding. IEEE Transactions on Power Electronics, 2022, 37, 7928-7940.	7.9	13
14	Intelligent control of doubly-fed induction generator systems using PIDNNs. Asian Journal of Control, 2012, 14, 768-783.	3.0	10
15	Squirrel-cage induction generator system using hybrid wavelet fuzzy neural network control for wind power applications. Neural Computing and Applications, 2015, 26, 911-928.	5.6	10
16	Intelligent-controlled doubly fed induction generator system using PFNN. Neural Computing and Applications, 2013, 22, 1695-1712.	5.6	9
17	Intelligent Controlled DSTATCOM for Power Quality Enhancement. Energies, 2022, 15, 4017.	3.1	8
18	Control of Doubly-Fed Induction Generator System Using PIDNNs. , 2010, , .		6

#	ARTICLE	IF	CITATIONS
19	Control of doubly-fed induction generator system using PFNN. , 2011, , .		6
20	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 Hsuch K'an, 2015, 38, 517-535.	1.1	6
21	DG System Using PFNN Controllers for Improving Islanding Detection and Power Control. Energies, 2019, 12, 506.	3.1	6
22	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 Hsuch K'an, 2018, 41, 269-285.	1.1	5
23	Virtual Synchronous Generator Using an Intelligent Controller for Virtual Inertia Estimation. Electronics (Switzerland), 2022, 11, 86.	3.1	5
24	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
25	Distributed Generator with Virtual Inertia Using Intelligent Controller for Grid-Connected Microgrid. , 2020, , .		2
26	Intelligent Controlled Distributed Generator System for P-Q Control and Islanding Detection. , 2018, , .		1
27	Squirrel-cage induction generator system using probabilistic fuzzy neural network for wind power applications. , 2015, , .		0
28	Design of Supervisor for Automated Manufacturing Systems Using Finite State Automata. Advanced Science Letters, 2012, 13, 339-342.	0.2	0