

Leehter Yao

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

961
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of Power Dispatch With Load Scheduling for Domestic Fuel Cell-Based Combined Heat and Power System. IEEE Access, 2022, 10, 5968-5979.	4.2	5
2	A Hybrid Hand-Crafted and Deep Neural Spatio-Temporal EEG Features Clustering Framework for Precise Emotional Status Recognition. Sensors, 2022, 22, 5158.	3.8	5
3	Analysis and Improvement of Indoor Positioning Accuracy for UWB Sensors. Sensors, 2021, 21, 5731.	3.8	12
4	Discriminative information preservation: A general framework for unsupervised visual Domain Adaptation. Knowledge-Based Systems, 2021, 227, 107158.	7.1	5
5	Evolutionary Mahalanobis Distance-Based Oversampling for Multi-Class Imbalanced Data Classification. Sensors, 2021, 21, 6616.	3.8	7
6	Unsupervised Transfer Learning via Relative Distance Comparisons. IEEE Access, 2020, 8, 110290-110305.	4.2	5
7	A Subspace Based Transfer Joint Matching with Laplacian Regularization for Visual Domain Adaptation. Sensors, 2020, 20, 4367.	3.8	8
8	Linear Discriminant Analysis via Pseudo Labels: A Unified Framework for Visual Domain Adaptation. IEEE Access, 2020, 8, 200073-200090.	4.2	10
9	Dynamic Residential Energy Management for Real-Time Pricing. Energies, 2020, 13, 2562.	3.1	4
10	An Optimal Load Scheduling Approach Considering User Preference and Convenience Level for Smart Homes. , 2019, , .		2
11	Multi-Objective Optimization of Energy Saving Control for Air Conditioning System in Data Center. Energies, 2019, 12, 1474.	3.1	11
12	Optimal Purchase Strategy for Demand Bidding. IEEE Transactions on Power Systems, 2018, 33, 2754-2762.	6.5	28
13	Development of a modular single-phase grid-tie inverter system for fuel-cell power generation. 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, 112-123.	1.1	8
14	A Soft Curtailment of Wide-Area Central Air Conditioning Load. Energies, 2018, 11, 492.	3.1	5
15	Demand Bidding Optimization for an Aggregator with a Genetic Algorithm. Energies, 2018, 11, 2498.	3.1	19
16	On-Line Learning of Write Strategy for Ultra-Speed CD-RW Optical Recorder. Sensors, 2018, 18, 2070.	3.8	1
17	A Real-Time Charging Scheme for Demand Response in Electric Vehicle Parking Station. IEEE Transactions on Smart Grid, 2017, 8, 52-62.	9.0	220
18	An integrated IMU and UWB sensor based indoor positioning system. , 2017, , .		59

#	ARTICLE	IF	CITATIONS
19	Energy management optimization scheme for smart home considering different types of appliances. , 2017, , .		26
20	Optimal Charging and Discharging Scheduling for Electric Vehicles in a Parking Station with Photovoltaic System and Energy Storage System. Energies, 2017, 10, 550.	3.1	72
21	Self-Learning Fuzzy Controller-Based Energy Management for Smart Home. , 2016, , .		1
22	Real-Time Energy Management Optimization for Smart Household. , 2016, , .		20
23	Direct load control of central air conditioning systems using fuzzy optimization. , 2016, , .		12
24	A fuzzy logic based charging scheme for electric vehicle parking station. , 2016, , .		15
25	Observer Based Adaptive Fuzzy Controller with Modulated Membership Functions for Nonlinear System. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2016, 24, 137-159.	1.9	3
26	Internet of Things for Electric Vehicle: An Improved Decentralized Charging Scheme. , 2015, , .		27
27	Imputation of incomplete data using adaptive ellipsoids with linear regression. Journal of Intelligent and Fuzzy Systems, 2015, 29, 253-265.	1.4	3
28	Integrated power transformer diagnosis using hybrid fuzzy dissolved gas analysis. IEEJ Transactions on Electrical and Electronic Engineering, 2015, 10, 689-698.	1.4	7
29	Evolutionary Learning of Classifiers for Disk Discrimination. IEEE/ASME Transactions on Mechatronics, 2015, 20, 3194-3203.	5.8	2
30	Home Energy Management System Based on Photovoltaic System. , 2015, , .		22
31	Application of artificial intelligence technique for modelling elastic properties of 2D nanoscale material. Molecular Simulation, 2015, 41, 1143-1152.	2.0	7
32	LEARNING DECISION REGIONS BASED ON ADAPTIVE ELLIPSOIDS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2014, 22, 41-73.	1.9	3
33	Design of adaptive fuzzy controller with observer using modulated membership functions. , 2011, , .		0
34	An observer based adaptive PID controller. , 2011, , .		0
35	Fault diagnosis for power transformers based on Hybrid Fuzzy Dissolved Gas Analysis. , 2011, , .		1
36	Write strategy optimization for optical disc recording. , 2009, , .		0

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37	A Two-Way Direct Control of Central Air-Conditioning Load Via the Internet. IEEE Transactions on Power Delivery, 2009, 24, 240-248.	4.3	55
38	Design of Adaptive Fuzzy PID Controller for Nonlinear System. , 2009, , .		4
39	Automatic Diagnostic System of Electrical Equipment Using Infrared Thermography. , 2009, , .		77
40	Adaptive Fuzzy Control with Modulated Membership Function Applies to Path Tracking Based on Location System. , 2009, , .		1
41	Position Calculating and Path Tracking of Three Dimensional Location System Based on Different Wave Velocities. , 2009, , .		7
42	A Fuzzy Classifier with Directed Initialization Adaptive Learning of Norm Inducing Matrix. , 2009, , .		0
43	Fuzzy Classification of Incomplete Data with Adaptive Volume. , 2009, , .		1
44	Robust Type-2 Fuzzy Control of an Automatic Guided Vehicle for Wall-Following. , 2009, , .		8
45	Fuzzy Adaptive Controller with Modulated Membership Function for a MIMO Uncertain Nonlinear System. , 2009, , .		0
46	Write Strategy Learning for Optical Dye Recording. IEEE/ASME Transactions on Mechatronics, 2009, 14, 555-563.	5.8	4
47	Learning of Hybrid Fuzzy Controller for the Optical Data Storage Device. IEEE/ASME Transactions on Mechatronics, 2008, 13, 3-13.	5.8	23
48	Optimization of two-way direct load control based on fuzzy linear programming. , 2008, , .		1
49	A Fuzzy Classifier with Adaptive Learning of Norm Inducing Matrix. , 2007, , .		1
50	An Evolutionary Fuzzy Classifier with Adaptive Ellipsoids. , 2006, , .		1
51	Automatic Learning of Hybrid Fuzzy Controller for the Optical Data Storage Device. , 2006, , .		0
52	An Iterative Deepening Genetic Algorithm for Scheduling of Direct Load Control. IEEE Transactions on Power Systems, 2005, 20, 1414-1421.	6.5	95
53	Genetic algorithm based identification of nonlinear systems by sparse Volterra filters. IEEE Transactions on Signal Processing, 1999, 47, 3433-3435.	5.3	24
54	Fuzzy control of belt conveyor in the manufacturing process. , 0, , .		2

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55	Scheduling of direct load control by a recursive genetic algorithm. , 0, , .		2
56	Track seeking hybrid fuzzy controller for the compact disc player. , 0, , .		0
57	Learning of fuzzy decision regions using genetic algorithm. , 0, , .		0
58	An automatic hardness measuring method using Hough transform and fuzzy c-means algorithm. , 0, , .		0
59	Design of a self tuning fuzzy PID controller by the accumulated genetic algorithm. , 0, , .		2
60	Modeling of fuzzy systems by ellipsoidal partitions of input/output space. , 0, , .		0
61	Genetic Programming Based Multichannel Identification of Nonlinear Systems by Volterra Filters. , 0, , .		0