Leehter Yao

List of Publications by Year
in descending order

61 papers	**943** citations	932766 **10** h-index	552369 **26** g-index
62 all docs	**62** docs citations	**62** times ranked	**961** citing authors

#	Article	IF	Citations
1	A Real-Time Charging Scheme for Demand Response in Electric Vehicle Parking Station. IEEE Transactions on Smart Grid, 2017, 8, 52-62.	6.2	220
2	An Iterative Deepening Genetic Algorithm for Scheduling of Direct Load Control. IEEE Transactions on Power Systems, 2005, 20, 1414-1421.	4.6	95
3	Automatic Diagnostic System of Electrical Equipment Using Infrared Thermography. , 2009, , .		77
4	Optimal Charging and Discharging Scheduling for Electric Vehicles in a Parking Station with Photovoltaic System and Energy Storage System. Energies, 2017, 10, 550.	1.6	72
5	An integrated IMU and UWB sensor based indoor positioning system. , 2017, , .		59
6	A Two-Way Direct Control of Central Air-Conditioning Load Via the Internet. IEEE Transactions on Power Delivery, 2009, 24, 240-248.	2.9	55
7	Optimal Purchase Strategy for Demand Bidding. IEEE Transactions on Power Systems, 2018, 33, 2754-2762.	4.6	28
8	Internet of Things for Electric Vehicle: An Improved Decentralized Charging Scheme. , 2015, , .		27
9	Energy management optimization scheme for smart home considering different types of appliances. , 2017, , .		26
10	Genetic algorithm based identification of nonlinear systems by sparse Volterra filters. IEEE Transactions on Signal Processing, 1999, 47, 3433-3435.	3.2	24
11	Learning of Hybrid Fuzzy Controller for the Optical Data Storage Device. IEEE/ASME Transactions on Mechatronics, 2008, 13, 3-13.	3.7	23
12	Home Energy Management System Based on Photovoltaic System. , 2015, , .		22
13	Real-Time Energy Management Optimization for Smart Household. , 2016, , .		20
14	Demand Bidding Optimization for an Aggregator with a Genetic Algorithm. Energies, 2018, 11, 2498.	1.6	19
15	A fuzzy logic based charging scheme for electric vechicle parking station. , 2016, , .		15
16	Direct load control of central air conditioning systems using fuzzy optimization. , 2016, , .		12
17	Analysis and Improvement of Indoor Positioning Accuracy for UWB Sensors. Sensors, 2021, 21, 5731.	2.1	12
18	Multi-Objective Optimization of Energy Saving Control for Air Conditioning System in Data Center. Energies, 2019, 12, 1474.	1.6	11

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19	Linear Discriminant Analysis via Pseudo Labels: A Unified Framework for Visual Domain Adaptation. IEEE Access, 2020, 8, 200073-200090.	2.6	10
20	Robust Type-2 Fuzzy Control of an Automatic Guided Vehicle for Wall-Following. , 2009, , .		8
21	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 Hsuch K'an, 2018, 41, 112-123.	0.6	8
22	A Subspace Based Transfer Joint Matching with Laplacian Regularization for Visual Domain Adaptation. Sensors, 2020, 20, 4367.	2.1	8
23	Position Calculating and Path Tracking of Three Dimensional Location System Based on Different Wave Velocities. , 2009, , .		7
24	Integrated power transformer diagnosis using hybrid fuzzy dissolved gas analysis. IEEJ Transactions on Electrical and Electronic Engineering, 2015, 10, 689-698.	0.8	7
25	Application of artificial intelligence technique for modelling elastic properties of 2D nanoscale material. Molecular Simulation, 2015, 41, 1143-1152.	0.9	7
26	Evolutionary Mahalanobis Distance-Based Oversampling for Multi-Class Imbalanced Data Classification. Sensors, 2021, 21, 6616.	2.1	7
27	A Soft Curtailment of Wide-Area Central Air Conditioning Load. Energies, 2018, 11, 492.	1.6	5
28	Unsupervised Transfer Learning via Relative Distance Comparisons. IEEE Access, 2020, 8, 110290-110305.	2.6	5
29	Discriminative information preservation: A general framework for unsupervised visual Domain Adaptation. Knowledge-Based Systems, 2021, 227, 107158.	4.0	5
30	Optimization of Power Dispatch With Load Scheduling for Domestic Fuel Cell-Based Combined Heat and Power System. IEEE Access, 2022, 10, 5968-5979.	2.6	5
31	A Hybrid Hand-Crafted and Deep Neural Spatio-Temporal EEG Features Clustering Framework for Precise Emotional Status Recognition. Sensors, 2022, 22, 5158.	2.1	5
32	Design of Adaptive Fuzzy PID Controller for Nonlinear System. , 2009, , .		4
33	Write Strategy Learning for Optical Dye Recording. IEEE/ASME Transactions on Mechatronics, 2009, 14, 555-563.	3.7	4
34	Dynamic Residential Energy Management for Real-Time Pricing. Energies, 2020, 13, 2562.	1.6	4
35	LEARNING DECISION REGIONS BASED ON ADAPTIVE ELLIPSOIDS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2014, 22, 41-73.	0.9	3
36	Imputation of incomplete data using adaptive ellipsoids with linear regression. Journal of Intelligent and Fuzzy Systems, 2015, 29, 253-265.	0.8	3

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37	Observer Based Adaptive Fuzzy Controller with Modulated Membership Functions for Nonlinear System. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2016, 24, 137-159.	0.9	3
38	Fuzzy control of belt conveyor in the manufacturing process. , 0, , .		2
39	Scheduling of direct load control by a recursive genetic algorithm. , 0, , .		2
40	Design of a self tuning fuzzy PID controller by the accumulated genetic algorithm. , 0, , .		2
41	Evolutionary Learning of Classifiers for Disk Discrimination. IEEE/ASME Transactions on Mechatronics, 2015, 20, 3194-3203.	3.7	2
42	An Optimal Load Scheduling Approach Considering User Preference and Convenience Level for Smart Homes. , 2019, , .		2
43	An Evolutionary Fuzzy Classifier with Adaptive Ellipsoids. , 2006, , .		1
44	A Fuzzy Classifier with Adaptive Learning of Norm Inducing Matrix. , 2007, , .		1
45	Optimization of two-way direct load control based on fuzzy linear programming. , 2008, , .		1
46	Adaptive Fuzzy Control with Modulated Membership Function Applies to Path Tracking Based on Location System. , 2009, , .		1
47	Fuzzy Classification of Incomplete Data with Adaptive Volume. , 2009, , .		1
48	Fault diagnosis for power transformers based on Hybrid Fuzzy Dissolved Gas Analysis. , 2011, , .		1
49	Self-Learning Fuzzy Controller-Based Energy Management for Smart Home. , 2016, , .		1
50	On-Line Learning of Write Strategy for Ultra-Speed CD-RW Optical Recorder. Sensors, 2018, 18, 2070.	2.1	1
51	Track seeking hybrid fuzzy controller for the compact disc player. , 0, , .		0
52	Learning of fuzzy decision regions using genetic algorithm. , 0, , .		0
53	An automatic hardness measuring method using Hough transform and fuzzy c-means algorithm. , 0, , .		0
54	Modeling of fuzzy systems by ellipsoidal partitions of input/output space. , 0, , .		0

#	Article	IF	Citations
55	Automatic Learning of Hybrid Fuzzy Controller for the Optical Data Storage Device. , 2006, , .		0
56	Genetic Programming Based Multichannel Identification of Nonlinear Systems by Volterra Filters. , 0, , .		0
57	Write strategy optimization for optical disc recording. , 2009, , .		0
58	A Fuzzy Classifier with Directed Initialization Adaptive Learning of Norm Inducing Matrix. , 2009, , .		0
59	Fuzzy Adaptive Controller with Modulated Membership Function for a MIMO Uncertain Nonlinear System. , 2009, , .		0
60	Design of adaptive fuzzy controller with observer using modulated membership functions. , 2011, , .		0
61	An observer based adaptive PID controller. , 2011, , .		0