Bo Yang

List of Publications by Year
in descending order

28	382	932766	794141
28	**382**	**10**	**19**
papers	citations	h-index	g-index
28	**28**	**28**	**392**
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of A Priori Map in Dynamic Background Removal for Indoor Human Perception Using a Thermopile Array. IEEE Sensors Journal, 2022, 22, 1154-1162.	2.4	1
2	Localization and tracking of closely-spaced human targets based on infrared sensors. Infrared Physics and Technology, 2022, 123, 104176.	1.3	2
3	A dual-typed and omnidirectional infrared perceptual network for indoor human tracking. Measurement Science and Technology, 2021, 32, 115124.	1.4	1
4	Dynamic Fuzzy Background Removal for Indoor Human Target Perception Based on Thermopile Array Sensor. IEEE Sensors Journal, 2020, 20, 67-76.	2.4	19
5	Traffic Flow Detection Using Thermopile Array Sensor. IEEE Sensors Journal, 2020, 20, 5155-5164.	2.4	10
6	6LoWPAN Protocol Based Infrared Sensor Network Human Target Locating System. , 2020, , .		3
7	High-resolution Thermopile Array Sensor-based System for Human Detection and Tracking in Indoor Environment. , 2020, , .		3
8	Human indoor location for binary infrared sensor tracking system: On improved credit and dynamic pruning algorithm. ISA Transactions, 2019, 94, 370-378.	3.1	6
9	A loading control strategy for electric load simulator based on new mapping approach and fuzzy inference in Cerebellar Model Articulation Controller. Measurement and Control, 2019, 52, 131-144.	0.9	9
10	Location ambiguity resolution and tracking method of human targets in wireless infrared sensor network. Infrared Physics and Technology, 2019, 96, 174-183.	1.3	5
11	Semiâ€fuzzy CMAC and PD hybrid controller with compressed memory and semiâ€regularisation for electric load simulator. IET Control Theory and Applications, 2019, 13, 3065-3074.	1.2	4
12	Adaptable Vehicle Detection and Speed Estimation for Changeable Urban Traffic With Anisotropic Magnetoresistive Sensors. IEEE Sensors Journal, 2017, 17, 2021-2028.	2.4	24
13	Multiple human location in a distributed binary pyroelectric infrared sensor network. Infrared Physics and Technology, 2017, 85, 216-224.	1.3	15
14	Credit-Based Multiple Human Location for Passive Binary Pyroelectric Infrared Sensor Tracking System: Free From Region Partition and Classifier. IEEE Sensors Journal, 2017, 17, 37-45.	2.4	22
15	ARINC664 bus function test and its fault injection based on Ethernet card. , 2017, , .		2
16	Application analysis of several improved cerebellar model articulation controllers for electric load simulator. , 2017, , .		0
17	Distributed Multi-Human Location Algorithm Using Naive Bayes Classifier for a Binary Pyroelectric Infrared Sensor Tracking System. IEEE Sensors Journal, 2016, 16, 216-223.	2.4	57
18	Vehicle Detection and Classification for Low-Speed Congested Traffic With Anisotropic Magnetoresistive Sensor. IEEE Sensors Journal, 2015, 15, 1132-1138.	2.4	85

#	Article	IF	Citations
19	A novel multi-human location method for distributed binary pyroelectric infrared sensor tracking system: Region partition using PNN and bearing-crossing location. Infrared Physics and Technology, 2015, 68, 35-43.	1.3	15
20	Robust Hybrid Control Based on PD and Novel CMAC With Improved Architecture and Learning Scheme for Electric Load Simulator. IEEE Transactions on Industrial Electronics, 2014, 61, 5271-5279.	5.2	33
21	A CMAC-PD compound torque controller with fast learning capacity and improved output smoothness for electric load simulator. International Journal of Control, Automation and Systems, 2014, 12, 805-812.	1.6	24
22	A Novel Parallel Control of Best Weight CMAC and PD for Electric Load Simulator. EPE Journal (European Power Electronics and Drives Journal), 2014, 24, 14-20.	0.7	6
23	FTA-based assessment methodology for adaptability of system under electromagnetic environment. , 2010, , .		0
24	Hybrid control based on a novel fast convergence and high precision CMAC for electric loading system. , 2009, , .		4
25	Thermal nondestructive testing technology of aircraft composite material. , 2009, , .		4
26	PC/104 and FPGA based automatic test research for airborne power distribution equipment. , 2009, , .		0
27	Sliding Mode Direct Force Control for Linear Drive System. EPE Journal (European Power Electronics) Tj ETQq1 1 0.784314 rgBT /Over	0.7	1
28	Traffic light control for a single intersection based on wireless sensor network. , 2009, , .		27