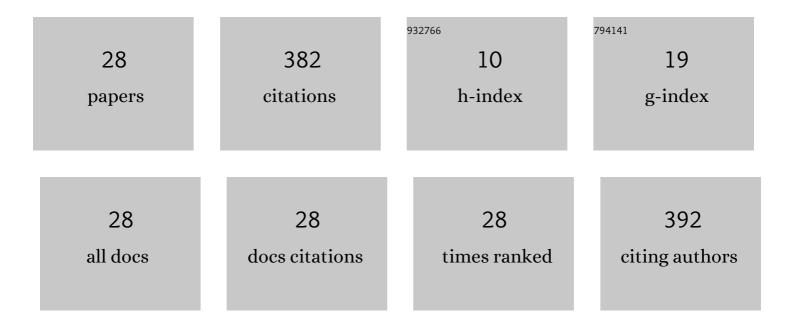
Bo Yang

List of Publications by Year in descending order

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| # | 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 |

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| # | 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 | rg <mark>A</mark> T /Overlo |

28 Traffic light control for a single intersection based on wireless sensor network. , 2009, , .

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