Jianchun Xing

List of Publications by Year
in descending order

18	239	1040056 9	940533 16
papers	citations	h-index	g-index

18	18	18	267
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Finite-time stability and stabilization of switched nonlinear systems with asynchronous switching. Applied Mathematics and Computation, 2018, 316, 229-244.	2.2	36
2	Device-free occupant activity recognition in smart offices using intrinsic Wi-Fi components. Building and Environment, 2020, 172, 106737.	6.9	28
3	From Signal to Image: Enabling Fine-Grained Gesture Recognition with Commercial Wi-Fi Devices. Sensors, 2018, 18, 3142.	3.8	25
4	Finite-Time Asynchronously Switched Control of Switched Systems with Sampled-Data Feedback. Circuits, Systems, and Signal Processing, 2014, 33, 3713-3738.	2.0	23
5	A novel sensors fault detection and self-correction method for HVAC systems using decentralized swarm intelligence algorithm. International Journal of Refrigeration, 2019, 106, 54-65.	3.4	18
6	A Particle Swarm Optimization Technique-Based Parametric Wavelet Thresholding Function for Signal Denoising. Circuits, Systems, and Signal Processing, 2017, 36, 247-269.	2.0	16
7	Optimal Sensor Placement for Latticed Shell Structure Based on an Improved Particle Swarm Optimization Algorithm. Mathematical Problems in Engineering, 2014, 2014, 1-12.	1.1	15
8	A decentralized sensor fault detection and self-repair method for HVAC systems. Building Services Engineering Research and Technology, 2018, 39, 667-678.	1.8	15
9	Finite-time quantised feedback asynchronously switched control of sampled-data switched linear systems. International Journal of Systems Science, 2016, 47, 3320-3335.	5.5	11
10	Optimal control based regression test selection for service-oriented workflow applications. Journal of Systems and Software, 2017, 124, 274-288.	4.5	9
11	A new finite-time average consensus protocol with boundedness of convergence time for multi-robot systems. International Journal of Advanced Robotic Systems, 2017, 14, 172988141773769.	2.1	7
12	A fully distributed voting strategy for AHU fault detection and diagnosis based on a decentralized structure. Energy Reports, 2022, 8, 390-404.	5.1	7
13	Test Case Prioritization for Service-Oriented Workflow Applications: A Perspective of Modification Impact Analysis. IEEE Access, 2020, 8, 101260-101273.	4.2	6
14	Enabling non-intrusive occupant activity modeling using WiFi signals and a generative adversarial network. Energy and Buildings, 2021, 249, 111228.	6.7	6
15	Enabling efficient WiFi-based occupant behavior recognition using insufficient samples. Building and Environment, 2022, 212, 108806.	6.9	6
16	Measuring Data-Aware Process Consistency Based on Activity Constraint Graphs. IEEE Access, 2018, 6, 21005-21019.	4.2	5
17	Measuring Business Process Consistency Across Different Abstraction Levels. IEEE Transactions on Network and Service Management, 2019, 16, 294-307.	4.9	3
18	BPEL Similarity â€" A Metric Based on Activity Constraint Graphs. Lecture Notes in Business Information Processing, 2013, , 39-55.	1.0	3