

# Jianchun Xing

## List of Publications by Year in descending order

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times ranked

267  
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#	ARTICLE	IF	CITATIONS
1	A fully distributed voting strategy for AHU fault detection and diagnosis based on a decentralized structure. <i>Energy Reports</i> , 2022, 8, 390-404.	5.1	7
2	Enabling efficient WiFi-based occupant behavior recognition using insufficient samples. <i>Building and Environment</i> , 2022, 212, 108806.	6.9	6
3	Enabling non-intrusive occupant activity modeling using WiFi signals and a generative adversarial network. <i>Energy and Buildings</i> , 2021, 249, 111228.	6.7	6
4	Test Case Prioritization for Service-Oriented Workflow Applications: A Perspective of Modification Impact Analysis. <i>IEEE Access</i> , 2020, 8, 101260-101273.	4.2	6
5	Device-free occupant activity recognition in smart offices using intrinsic Wi-Fi components. <i>Building and Environment</i> , 2020, 172, 106737.	6.9	28
6	A novel sensors fault detection and self-correction method for HVAC systems using decentralized swarm intelligence algorithm. <i>International Journal of Refrigeration</i> , 2019, 106, 54-65.	3.4	18
7	Measuring Business Process Consistency Across Different Abstraction Levels. <i>IEEE Transactions on Network and Service Management</i> , 2019, 16, 294-307.	4.9	3
8	Measuring Data-Aware Process Consistency Based on Activity Constraint Graphs. <i>IEEE Access</i> , 2018, 6, 21005-21019.	4.2	5
9	Finite-time stability and stabilization of switched nonlinear systems with asynchronous switching. <i>Applied Mathematics and Computation</i> , 2018, 316, 229-244.	2.2	36
10	From Signal to Image: Enabling Fine-Grained Gesture Recognition with Commercial Wi-Fi Devices. <i>Sensors</i> , 2018, 18, 3142.	3.8	25
11	A decentralized sensor fault detection and self-repair method for HVAC systems. <i>Building Services Engineering Research and Technology</i> , 2018, 39, 667-678.	1.8	15
12	A Particle Swarm Optimization Technique-Based Parametric Wavelet Thresholding Function for Signal Denoising. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 247-269.	2.0	16
13	A new finite-time average consensus protocol with boundedness of convergence time for multi-robot systems. <i>International Journal of Advanced Robotic Systems</i> , 2017, 14, 172988141773769.	2.1	7
14	Optimal control based regression test selection for service-oriented workflow applications. <i>Journal of Systems and Software</i> , 2017, 124, 274-288.	4.5	9
15	Finite-time quantised feedback asynchronously switched control of sampled-data switched linear systems. <i>International Journal of Systems Science</i> , 2016, 47, 3320-3335.	5.5	11
16	Optimal Sensor Placement for Latticed Shell Structure Based on an Improved Particle Swarm Optimization Algorithm. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-12.	1.1	15
17	Finite-Time Asynchronously Switched Control of Switched Systems with Sampled-Data Feedback. <i>Circuits, Systems, and Signal Processing</i> , 2014, 33, 3713-3738.	2.0	23
18	BPEL Similarity "A Metric Based on Activity Constraint Graphs. <i>Lecture Notes in Business Information Processing</i> , 2013, , 39-55.	1.0	3