Zhiyang Jia

List of Publications by Year
in descending order

23 papers	309 citations	1307594 7 h-index	888059 17 g-index
23 all docs	23 docs citations	23 times ranked	128 citing authors

#	Article	IF	Citations
1	Multimodal emotion recognition based on feature selection and extreme learning machine in video clips. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 1903-1917.	4.9	9
2	General Fuzzy C-Means Clustering Strategy: Using Objective Function to Control Fuzziness of Clustering Results. IEEE Transactions on Fuzzy Systems, 2022, 30, 3601-3616.	9.8	5
3	Dynamic performance prediction in flexible production lines with two geometric machines. International Journal of Production Research, 2022, 60, 4006-4024.	7.5	4
4	Decomposition and Aggregation-Based Real-Time Analysis of Assembly Systems With Geometric Machines and Small Batch-Based Production Tasks. IEEE Transactions on Automation Science and Engineering, 2021, 18, 988-999.	5.2	3
5	Order-Reduced Dynamic Decoupling Approach for Performance Evaluation of Multitype and Small-Batch-Based Serial Lines With Adjustments and Resets. IEEE Systems Journal, 2021, 15, 3902-3912.	4.6	6
6	Closed Bernoulli lines with finite buffers: real-time performance analysis, completion time bottleneck and carrier control. International Journal of Control, 2021, 94, 1994-2007.	1.9	8
7	Facial Expression Recognition Using Hybrid Features of Pixel and Geometry. IEEE Access, 2021, 9, 18876-18889.	4.2	34
8	Multi-type products and dedicated buffers-based flexible production process analysis of serial Bernoulli lines. Computers and Industrial Engineering, 2021, 154, 107167.	6.3	6
9	Second order Takagi-Sugeno fuzzy model with domain adaptation for nonlinear regression. Information Sciences, 2021, 570, 34-51.	6.9	6
10	General fuzzy C-means clustering algorithm using Minkowski metric. Signal Processing, 2021, 188, 108161.	3.7	14
11	Decision-Making Model to Portfolio Selection Using Analytic Hierarchy Process (AHP) With Expert Knowledge. IEEE Access, 2021, 9, 76875-76893.	4.2	3
12	Multi-Batch Production Scheduling for Distributed Serial Lines with Unreliable Machines and Finite Buffers. , 2021, , .		0
13	Real-Time Performance Analysis of Batch-Based Serial Flexible Production Lines With Geometric Machines. , 2019, , .		3
14	Serial production lines with geometric machines and finite production runs: performance analysis and system-theoretic properties. International Journal of Production Research, 2019, 57, 2247-2262.	7.5	22
15	Real-time performance evaluation and improvement of assembly systems with Bernoulli machines and finite production runs. International Journal of Production Research, 2019, 57, 5749-5766.	7.5	6
16	Real-Time Performance Analysis of Industrial Serial Production Systems with Flexible Manufacturing. , 2018, , .		5
17	Transient Performance Analysis of Closed Production Lines With Bernoulli Machines, Finite Buffers, and Carriers. IEEE Robotics and Automation Letters, 2017, 2, 1893-1900.	5.1	18
18	Performance evaluation in finite production run-based serial lines with geometric machines. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
19	Performance analysis for serial production lines with Bernoulli Machines and Real-time WIP-based Machine switch-on/off control. International Journal of Production Research, 2016, 54, 6285-6301.	7.5	67
20	Finite Production Run-Based Serial Lines With Bernoulli Machines: Performance Analysis, Bottleneck, and Case Study. IEEE Transactions on Automation Science and Engineering, 2016, 13, 134-148.	5.2	46
21	Performance Analysis of Assembly Systems With Bernoulli Machines and Finite Buffers During Transients. IEEE Transactions on Automation Science and Engineering, 2016, 13, 1018-1032.	5.2	36
22	Transient Performance Evaluation of Assembly Systems with Bernoulli MachinesÃ•. IFAC-PapersOnLine, 2015, 48, 88-93.	0.9	3
23	Analysis and improvement of batch-based production lines with Bernoulli machines. , 2014, , .		1