

Zhiwu Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

487
papers

10,540
citations

54
h-index

85
g-index

568
ext. papers

12,646
ext. citations

4.7
avg, IF

7.28
L-index

#	Paper	IF	Citations
487	Supervisory Control of Multiagent Discrete-Event Systems With Partial Observation 2022 , 6, 1867-1872		
486	Design of supervisors for linear marking specifications in labeled Petri nets. <i>Automatica</i> , 2022 , 136, 11003-11011	3.7	1
485	Robust liveness-enforcing supervisor for Petri nets with unreliable resources based on mixed integer programming. <i>Soft Computing</i> , 2022 , 26, 4019	3.5	1
484	Verification of Nonblockingness in Bounded Petri Nets With Min-Max Basis Reachability Graphs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-12	7.3	
483	Time based deadlock prevention for Petri nets. <i>Automatica</i> , 2022 , 137, 110119	5.7	1
482	Design of a combined system based on multi-objective optimization for point and interval forecasting of air pollution. <i>Expert Systems With Applications</i> , 2022 , 191, 116345	7.8	1
481	Non-Blockingness Verification of Bounded Petri Nets Using Basis Reachability Graphs 2022 , 6, 1220-1225		
480	Anomaly detection based on a granular Markov model. <i>Expert Systems With Applications</i> , 2022 , 187, 115748	7.4	1
479	Improved Meta-Heuristics for Solving Distributed Lot-Streaming Permutation Flow Shop Scheduling Problems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022 , 1-11	4.9	1
478	Language-based Opacity Verification and Enforcement in the Framework of Labeled Petri Nets.. <i>Science Progress</i> , 2022 , 105, 368504221075466	1.1	
477	Symbolic Verification of Current-State Opacity of Discrete Event Systems Using Petri Nets. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-14	7.3	0
476	A New MINLP Continuous Time Formulation for Scheduling Optimization of Oil Refinery with Unreliable CDUs. <i>Mathematical Problems in Engineering</i> , 2022 , 2022, 1-12	1.1	2
475	Performance balance oriented product structure optimization involving heterogeneous uncertainties in intelligent manufacturing with an industrial network. <i>Information Sciences</i> , 2022 , 598, 126-156	7.7	0
474	Design of Optimal Supervisors for the Enforcement of Nonlinear Constraints on Petri Nets. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022 , 1-13	4.9	0
473	Revisiting State Estimation and Weak Detectability of Discrete-Event Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022 , 1-13	4.9	
472	A Novel Control-Theory-Based Approach to Scheduling of High-Throughput Screening System for Enzymatic Assay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-12	7.3	0
471	An efficient density peak cluster algorithm for improving policy evaluation performance.. <i>Scientific Reports</i> , 2022 , 12, 5000	4.9	2

470	Prediction of Air Pollution Interval Based on Data Preprocessing and Multi-Objective Dragonfly Optimization Algorithm. <i>Frontiers in Ecology and Evolution</i> , 2022 , 10,	3.7	3
469	A Framework for the Analysis of Supervised Discrete Event Systems Under Attack. <i>Lecture Notes in Control and Information Sciences - Proceedings</i> , 2022 , 529-546	0.2	0
468	Granular models as networks of associations of information granules: A development scheme via augmented principle of justifiable granularity. <i>Applied Soft Computing Journal</i> , 2021 , 108062	7.5	1
467	A combined forecasting system based on multi-objective optimization and feature extraction strategy for hourly PM2.5 concentration. <i>Applied Soft Computing Journal</i> , 2021 , 114, 108034	7.5	1
466	A Design of Granular Classifier Based on Granular Data Descriptors.. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	1
465	. <i>IEEE Access</i> , 2021 , 9, 168068-168079	3.5	2
464	Extended Insertion Functions for Opacity Enforcement in Discrete Event Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	2
463	Horizontal Federated Learning of Takagi-Sugeno Fuzzy Rule-based Models. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	0
462	Kullback-Leibler Divergence-Based Fuzzy C-Means Clustering Incorporating Morphological Reconstruction and Wavelet Frames for Image Segmentation. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	3
461	An Efficient Method of Deadlock Detection and Recovery for Flexible Manufacturing Systems by Resource Flow Graphs. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 1-12	4.9	1
460	Scheduling of Single-Arm Cluster Tools with Residency Time Constraints and Chamber Cleaning Operations. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9193	2.6	0
459	Energy-efficient scheduling of flexible job shops with complex processes: A case study for the aerospace industry complex components in China. <i>Journal of Industrial Information Integration</i> , 2021 , 100293	7	3
458	Performance Evaluation of Combining with Medical and Old-Age Care in Pension Institutions of China: A Two-Stage Data Envelopment Analysis. <i>Risk Management and Healthcare Policy</i> , 2021 , 14, 4211-4222	2.8	2
457	A scientometric review of research on traffic forecasting in transportation. <i>IET Intelligent Transport Systems</i> , 2021 , 15, 1-16	2.4	9
456	Neural network forecasting of the flow regimens of viscous fluids in a 3D reactor. <i>Advances in Mechanical Engineering</i> , 2021 , 13, 168781402199952	1.2	3
455	Residual-driven Fuzzy C-Means Clustering for Image Segmentation. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 876-889	7	17
454	Granular computing: An augmented scheme of degranulation through a modified partition matrix. <i>Fuzzy Sets and Systems</i> , 2021 ,	3.7	1
453	Augmentation of the reconstruction performance of Fuzzy C-Means with an optimized fuzzification factor vector. <i>Knowledge-Based Systems</i> , 2021 , 222, 106951	7.3	3

452	Two-additive fuzzy measure-based information integration approach to product design alternative evaluation. <i>Journal of Industrial Information Integration</i> , 2021 , 25, 100247	7	1
451	Interval state estimation-based robust model predictive control for linear parameter varying systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7026-7052	3.6	3
450	Marking Estimation in Petri Nets Using Hierarchical Basis Reachability Graphs. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 810-817	5.9	3
449	An Edge-Based Distributed Decision-Making Method for Product Design Scheme Evaluation. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1375-1385	11.9	15
448	Optimizing the prototypes with a novel data weighting algorithm for enhancing the classification performance of fuzzy clustering. <i>Fuzzy Sets and Systems</i> , 2021 , 413, 29-41	3.7	5
447	A New Integrated Approach for Risk Evaluation and Classification With Dynamic Expert Weights. <i>IEEE Transactions on Reliability</i> , 2021 , 70, 163-174	4.6	14
446	A Development of Granular Input Space in System Modeling. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1639-1650	10.2	11
445	Short-Term Traffic Flow Forecasting Using Ensemble Approach Based on Deep Belief Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-14	6.1	5
444	RCTL: New Temporal Logic for Improved Formal Verification of Reconfigurable Discrete-Event Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 18, 1392-1405	4.9	1
443	On Mapping of Reconfigurable Hierarchical Tasks to MP-SoC-Oriented Architectures Under Real-Time and Energy Constraints. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2021 , 45, 207-220	1.9	
442	An Efficient Fault Diagnosis Approach Based on Integer Linear Programming for Labeled Petri Nets. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 2393-2398	5.9	3
441	An efficient policy evaluation engine for XACML policy management. <i>Information Sciences</i> , 2021 , 547, 1105-1121	7.7	1
440	Output feedback MPC for uncertain delayed system and control of a wind tunnel system. <i>Information Sciences</i> , 2021 , 556, 273-287	7.7	0
439	Real-Time Scheduling Based on Nonblocking Supervisory Control of State-Tree Structures. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4230-4237	5.9	3
438	A stacking-based ensemble learning method for earthquake casualty prediction. <i>Applied Soft Computing Journal</i> , 2021 , 101, 107038	7.5	17
437	Scheme selection of design for disassembly (DFD) based on sustainability: A novel hybrid of interval 2-tuple linguistic intuitionistic fuzzy numbers and regret theory. <i>Journal of Cleaner Production</i> , 2021 , 281, 124724	10.3	19
436	. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 3608-3623	5.9	4
435	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4347-4358	7.3	

434	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1612-1629	7.3	6
433	Time-Varying Tube-based Output Feedback Robust MPC for T-S Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	1
432	Efficient Scheduling of Periodic, Aperiodic, and Sporadic Real-Time Tasks with Deadline Constraints. <i>Communications in Computer and Information Science</i> , 2021 , 25-43	0.3	
431	Construction and Evaluation of Information Granules: From the Perspective of Clustering. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-14	7.3	0
430	Adaptive Deadlock Control for a Class of Petri Nets With Unreliable Resources. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	2
429	Design of Optimal Control Sequences in Petri Nets Using Basis Marking Analysis. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	1
428	Tube-Based Output Feedback Robust MPC for LPV Systems With Scaled Terminal Constraint Sets. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	1
427	Anomaly detection via a combination model in time series data. <i>Applied Intelligence</i> , 2021 , 51, 4874-4887	4.9	5
426	Critical Observability of Discrete-Event Systems in a Petri Net Framework. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	1
425	Observers for a class of timed automata based on elapsed time graphs. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	0
424	Wind Power Curve Modeling with Hybrid Copula and Grey Wolf Optimization. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 1-1	8.2	0
423	On Optimal Supervisor Design for Discrete-Event Systems Modeled With Petri Nets via Constraint Simplification. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15	7.3	0
422	Group consensus via pinning control for a class of heterogeneous multi-agent systems with input constraints. <i>Information Sciences</i> , 2021 , 542, 247-262	7.7	46
421	A clustering approach to approximate the timed reachability graph for a class of time Petri nets. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	
420	Closed-Loop Deadlock-Free Supervision for GMECs in Time Petri Net Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	6
419	On Parametrizing Feasible Reconfigurable Systems Under Real-Time, Energy, and Resource Sharing Constraints. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 18, 1492-1504	4.9	
418	Model abstraction for discrete-event systems by binary linear programming with applications to manufacturing systems. <i>Science Progress</i> , 2021 , 104, 368504211030833	1.1	1
417	Supervisory control of discrete-event systems under external attacks. <i>Information Sciences</i> , 2021 , 562, 398-413	7.7	3

416	Optimal road grade design based on stochastic speed trajectories for minimising transportation energy consumption. <i>IET Intelligent Transport Systems</i> , 2021 , 15, 1414	2.4	1
415	Development of Granular Fuzzy Relation Equations Based on a Subset of Data. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 1416-1427	7	2
414	Modeling and Analysis of Rumor Propagation in Social Networks. <i>Information Sciences</i> , 2021 ,	7.7	11
413	Marking diagnosability verification in labeled Petri nets. <i>Automatica</i> , 2021 , 131, 109713	5.7	2
412	An anomaly detection framework for time series data: An interval-based approach. <i>Knowledge-Based Systems</i> , 2021 , 228, 107153	7.3	4
411	Diagnosability enforcement in labeled Petri nets using supervisory control. <i>Automatica</i> , 2021 , 131, 109736	7.6	0
410	Designing of higher order information granules through clustering heterogeneous granular data. <i>Applied Soft Computing Journal</i> , 2021 , 112, 107820	7.5	1
409	Verification and enforcement of strong infinite- and k-step opacity using state recognizers. <i>Automatica</i> , 2021 , 133, 109838	5.7	4
408	A randomization mechanism for realizing granular models in distributed system modeling. <i>Knowledge-Based Systems</i> , 2021 , 232, 107376	7.3	1
407	Fuzzy Relational Matrix Factorization and Its Granular Characterization in Data Description. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	0
406	Deadlock Control and Fault Detection and Treatment in Reconfigurable Manufacturing Systems Using Colored Resource-Oriented Petri Nets Based on Neural Network. <i>IEEE Access</i> , 2021 , 9, 84932-84947	7.5	5
405	A Development of Hierarchically Structured Granular Models Realized through Allocation of Information Granularity. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	2
404	Intelligent Colored Token Petri Nets for Modeling, Control, and Validation of Dynamic Changes in Reconfigurable Manufacturing Systems. <i>Processes</i> , 2020 , 8, 358	2.9	16
403	A novel hybrid air quality early-warning system based on phase-space reconstruction and multi-objective optimization: A case study in China. <i>Journal of Cleaner Production</i> , 2020 , 260, 121027	10.3	24
402	A design of information granule-based under-sampling method in imbalanced data classification. <i>Soft Computing</i> , 2020 , 24, 17333-17347	3.5	9
401	State-based fault diagnosis of discrete-event systems with partially observable outputs. <i>Information Sciences</i> , 2020 , 529, 87-100	7.7	5
400	Many-objective optimization for scheduling of crude oil operations based on NSGA-III with consideration of energy efficiency. <i>Swarm and Evolutionary Computation</i> , 2020 , 57, 100714	9.8	10
399	Closing-Down Optimization for Single-Arm Cluster Tools Subject to Wafer Residency Time Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-16	7.3	5

398	A guidance framework for synthesis of multi-core reconfigurable real-time systems. <i>Information Sciences</i> , 2020 , 539, 327-346	7.7	
397	Integrated Intelligent Green Scheduling of Predictive Maintenance for Complex Equipment based on Information Services. <i>IEEE Access</i> , 2020 , 8, 45797-45812	3.5	10
396	Data-driven product design toward intelligent manufacturing: A review. <i>International Journal of Advanced Robotic Systems</i> , 2020 , 17, 172988142091125	1.4	17
395	Sparse Regularization-Based Fuzzy C-Means Clustering Incorporating Morphological Grayscale Reconstruction and Wavelet Frames. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	14
394	A Weighted Fidelity and Regularization-Based Method for Mixed or Unknown Noise Removal from Images on Graphs. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	16
393	Adaptive Consensus of Two Coupled Heterogeneous Networked Systems With Bidirectional Actions. <i>IEEE Access</i> , 2020 , 8, 35832-35841	3.5	12
392	Fuel Minimization of the Electric Engine Cooling System With Active Grille Shutter by Iterative Quadratic Programming. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 2621-2635	6.8	4
391	Scheduling periodic and aperiodic tasks with time, energy harvesting and precedence constraints on multi-core systems. <i>Information Sciences</i> , 2020 , 520, 86-104	7.7	5
390	Strict Minimal Siphon-Based Colored Petri Net Supervisor Synthesis for Automated Manufacturing Systems With Unreliable Resources. <i>IEEE Access</i> , 2020 , 8, 22411-22424	3.5	16
389	Design of Supervisors for Active Diagnosis in Discrete Event Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 5159-5172	5.9	19
388	Current-state opacity modelling and verification in partially observed Petri nets. <i>Automatica</i> , 2020 , 116, 108907	5.7	10
387	Designing Distributed Fuzzy Rule-Based Models. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	5
386	Outlier Processing in Multimodal Emotion Recognition. <i>IEEE Access</i> , 2020 , 8, 55688-55701	3.5	4
385	Improved Multi-Core Real-Time Task Scheduling of Reconfigurable Systems With Energy Constraints. <i>IEEE Access</i> , 2020 , 8, 95698-95713	3.5	5
384	A Granular Approach to Interval Output Estimation for Rule-Based Fuzzy Models. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	4
383	A Reduced Computation of State Space to Enforce GMECs and Deadlock-Freeness on TPN Systems. <i>IFAC-PapersOnLine</i> , 2020 , 53, 166-172	0.7	
382	Stealthy Sensor Attacks for Plants Modeled by Labeled Petri Nets. <i>IFAC-PapersOnLine</i> , 2020 , 53, 14-20	0.7	3
381	Top-Down Nested Supervisory Control of State-Tree Structures Based on State Aggregations. <i>IFAC-PapersOnLine</i> , 2020 , 53, 11175-11180	0.7	1

380	Observer-based output feedback robust MPC via zonotopic set-membership state estimation for LPV systems with bounded disturbances and noises. <i>Journal of the Franklin Institute</i> , 2020 , 357, 7368-7398	4.8	5
379	Optimal Petri-Net Controller for Avoiding Collisions in a Class of Automated Guided Vehicle Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 4526-4537	6.1	10
378	Integrated intelligent green scheduling of sustainable flexible workshop with edge computing considering uncertain machine state. <i>Journal of Cleaner Production</i> , 2020 , 246, 119070	10.3	22
377	. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 17, 361-374	4.9	3
376	An adaptive Lagrangian relaxation-based algorithm for a coordinated water supply and wastewater collection network design problem. <i>Information Sciences</i> , 2020 , 512, 1335-1359	7.7	76
375	A Convexity Approach to Dynamic Output Feedback Robust MPC for LPV Systems with Bounded Disturbances. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 1378-1391	2.9	2
374	An observer-based output feedback robust MPC approach for constrained LPV systems with bounded disturbance and noise. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1512-1533	3.6	7
373	An integrated decision-making method for product design scheme evaluation based on cloud model and EEG data. <i>Advanced Engineering Informatics</i> , 2020 , 43, 101028	7.4	21
372	Development and Analysis of Neural Networks Realized in the Presence of Granular Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3606-3619	10.3	7
371	Computation of Admissible Marking Sets in Weighted Synchronization-Free Petri Nets by Dynamic Programming. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 2662-2669	5.9	3
370	Single Controller-Based Colored Petri Nets for Deadlock Control in Automated Manufacturing Systems. <i>Processes</i> , 2020 , 8, 21	2.9	14
369	Fuzzy associative memories with autoencoding mechanisms. <i>Knowledge-Based Systems</i> , 2020 , 191, 105090	7.3	6
368	Nonblocking Supervisory Control of State-Tree Structures With Conditional-Preemption Matrices. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3744-3756	11.9	20
367	Multiobjective Bike Repositioning in Bike-Sharing Systems via a Modified Artificial Bee Colony Algorithm. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 17, 909-920	4.9	27
366	A Two-Stage Approach for Constructing Type-2 Information Granules. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
365	An XGBoost-based casualty prediction method for terrorist attacks. <i>Complex & Intelligent Systems</i> , 2020 , 6, 721-740	7.1	18
364	A region-based approach for state estimation of timed automata under no event observation 2020 ,		1
363	Path planning for automated guided vehicle systems with time constraints using timed Petri nets. <i>Measurement and Control</i> , 2020 , 53, 2030-2040	1.5	2

362	Residual-sparse Fuzzy C-Means Clustering Incorporating Morphological Reconstruction and Wavelet frame. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	5
361	G-image Segmentation: Similarity-preserving Fuzzy C-Means with Spatial Information Constraint in Wavelet Space. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	6
360	Modeling and Scheduling Methods for Batch Production Systems Based on Petri Nets and Heuristic Search. <i>IEEE Access</i> , 2020 , 8, 163458-163471	3.5	1
359	Automatic Supervisory Controller for Deadlock Control in Reconfigurable Manufacturing Systems with Dynamic Changes. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5270	2.6	7
358	Interval-Valued Intuitionistic Uncertain Linguistic Cloud Petri Net and Its Application to Risk Assessment for Subway Fire Accident. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 1-15	4.9	21
357	Colored Resource-Oriented Petri Net Based Ladder Diagrams for PLC Implementation in Reconfigurable Manufacturing Systems. <i>IEEE Access</i> , 2020 , 8, 217573-217591	3.5	7
356	An Extended Object Constraint Language for Adaptive Discrete Event Systems With Application to Reconfigurable Wireless Sensor Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3562-3576	7.3	2
355	On Methodology for the Verification of Reconfigurable Timed Net Condition/Event Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3577-3591	7.3	8
354	Fuzzy Grey Choquet Integral for Evaluation of Multicriteria Decision Making Problems With Interactive and Qualitative Indices. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-14	7.3	43
353	Neural Network-Based Distributed Cooperative Learning Control for Multiagent Systems via Event-Triggered Communication. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 407-419	10.3	20
352	Marking Estimation in a Class of Time Labeled Petri Nets. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 493-506	5.9	9
351	Reconfiguration Control of Dynamic Reconfigurable Discrete Event Systems Based on NCESs. <i>IEEE Transactions on Control Systems Technology</i> , 2020 , 28, 857-868	4.8	2
350	Performance Optimization of Reconfigurable Real-Time Wireless Sensor Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2623-2637	7.3	3
349	On Hierarchical Construction of the State Space of an Automated Manufacturing System Modeled With Petri Nets. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3613-3627	7.3	3
348	Dual-objective program and improved artificial bee colony for the optimization of energy-conscious milling parameters subject to multiple constraints. <i>Journal of Cleaner Production</i> , 2020 , 245, 118714	10.3	53
347	Improved Fuzzy Bayesian Network-Based Risk Analysis With Interval-Valued Fuzzy Sets and DB Evidence Theory. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2063-2077	8.3	69
346	An Approach to Improve Permissiveness of Supervisors for GMECs in Time Petri Net Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 237-251	5.9	29
345	Wavelet Frame-Based Fuzzy C-Means Clustering for Segmenting Images on Graphs. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3938-3949	10.2	30

344	Containment of rumor spread in complex social networks. <i>Information Sciences</i> , 2020 , 506, 113-130	7.7	63
343	Multistage Impact Energy Distribution for Whole Vehicles in High-Speed Train Collisions: Modeling and Solution Methodology. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2486-2499	11.9	26
342	. <i>IEEE Access</i> , 2019 , 7, 17760-17771	3.5	6
341	A Novel Hybrid Fuzzy Grey TOPSIS Method: Supplier Evaluation of a Collaborative Manufacturing Enterprise. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3770	2.6	29
340	On Algebraic Identification of Critical States for Deadlock Control in Automated Manufacturing Systems Modeled With Petri Nets. <i>IEEE Access</i> , 2019 , 7, 121332-121349	3.5	26
339	Bicriterion scheduling with a negotiable common due window and resource-dependent processing times. <i>Information Sciences</i> , 2019 , 478, 258-274	7.7	8
338	Selection of take-back pattern of vehicle reverse logistics in China via Grey-DEMATEL and Fuzzy-VIKOR combined method. <i>Journal of Cleaner Production</i> , 2019 , 220, 1088-1100	10.3	47
337	A multi-objective supplier selection and order allocation through incremental discount in a fuzzy environment. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 1435-1455	1.6	40
336	. <i>IEEE Access</i> , 2019 , 7, 21006-21019	3.5	19
335	. <i>IEEE Access</i> , 2019 , 7, 55090-55107	3.5	2
334	Synthesis of Supervisory Control With Partial Observation on Normal State-Tree Structures. <i>IEEE Transactions on Automation Science and Engineering</i> , 2019 , 16, 984-997	4.9	19
333	Some Remarks on State Estimation and Fault Diagnosis of Labeled Time Petri Net Systems With Unobservable Transitions. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 5253-5259	5.9	7
332	Neural Network-Based Cooperative Identification for a Class of Unknown Nonlinear Systems via Event-Triggered Communication. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	0
331	Enhancements of rule-based models through refinements of Fuzzy C-Means. <i>Knowledge-Based Systems</i> , 2019 , 170, 43-60	7.3	8
330	An integrated approach for multi-objective optimisation and MCDM of energy internet under uncertainty. <i>Future Generation Computer Systems</i> , 2019 , 97, 90-104	7.5	7
329	An improved approach for marking optimization of timed weighted marked graphs. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2019 , 29, 127-143	1	3
328	On Reconfiguration Theory of Discrete-Event Systems: From Initial Specification Until Final Deployment. <i>IEEE Access</i> , 2019 , 7, 18219-18233	3.5	6
327	On Feasibility of Multichannel Reconfigurable Wireless Sensor Networks Under Real-Time and Energy Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-16	7.3	5

326	Most permissive liveness-enforcing Petri net supervisors for discrete event systems via linear monitors. <i>ISA Transactions</i> , 2019 , 92, 145-154	5.5	4
325	Analysis of Trabecular Bone Mechanics Using Machine Learning. <i>Evolutionary Bioinformatics</i> , 2019 , 15, 1176934318825084	1.9	4
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