

Dan You

List of Publications by Year in descending order

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686830

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26
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	A Necessary and Sufficient Condition for a Resource Subset to Generate a Strict Minimal Siphon in S4PR. IEEE Transactions on Automatic Control, 2017, 62, 4173-4179.	3.6	92
2	Heuristic Scheduling of Batch Production Processes Based on Petri Nets and Iterated Greedy Algorithms. IEEE Transactions on Automation Science and Engineering, 2022, 19, 251-261.	3.4	81
3	A Survey of Network Attacks on Cyber-Physical Systems. IEEE Access, 2020, 8, 44219-44227.	2.6	65
4	A Novel Approach for Constraint Transformation in Petri Nets With Uncontrollable Transitions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1403-1410.	5.9	50
5	A Siphon-Based Deadlock Prevention Strategy for $S^{³}$ PR. IEEE Access, 2019, 7, 86863-86873.	2.6	44
6	An Approach for Enumerating Minimal Siphons in a Subclass of Petri Nets. IEEE Access, 2018, 6, 4255-4265.	2.6	38
7	Characterization of Admissible Marking Sets in Petri Nets with Uncontrollable Transitions. IEEE Transactions on Automatic Control, 2016, 61, 1953-1958.	3.6	33
8	Synthesis of Monitor-Based Liveness-Enforcing Supervisors for $m\{S\}^{\{3\}}$ PR With ξ -Resources. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 967-975.	5.9	25
9	Verification of Fault-predictability in Labeled Petri Nets Using Predictor Graphs. IEEE Transactions on Automatic Control, 2019, 64, 4353-4360.	3.6	20
10	A Deadlock Prevention Policy for a Class of Multithreaded Software. IEEE Access, 2020, 8, 16676-16688.	2.6	19
11	Computation of an emptiable minimal siphon in a subclass of Petri nets using mixed-integer programming. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 219-226.	8.5	17
12	Supervisory Control of Petri Nets in the Presence of Replacement Attacks. IEEE Transactions on Automatic Control, 2022, 67, 1466-1473.	3.6	16
13	Supervisory control of a class of Petri nets with unobservable and uncontrollable transitions. Information Sciences, 2019, 501, 635-654.	4.0	13
14	A Liveness-Enforcing Supervisor Tolerant to Sensor-Reading Modification Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2398-2411.	5.9	13
15	New reachability trees for unbounded Petri nets. , 2015, , .		9
16	Computation of an Optimal Transformed Linear Constraint in a Class of Petri Nets With Uncontrollable Transitions. IEEE Access, 2017, 5, 6780-6790.	2.6	9
17	A Refined Siphon-Based Deadlock Prevention Policy for a Class of Petri Nets. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 191-203.	5.9	6
18	A Resource Allocation Approach for Enforcing Liveness on a Class of Petri Nets. IEEE Access, 2018, 6, 48577-48587.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Complete enumeration of minimal siphons in ordinary Petri nets based on problem partitioning. , 2015, , .		4
20	Computation of Minimal Siphons in Petri Nets Using Problem Partitioning Approaches. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 329-338.	8.5	3
21	An Algorithm of Recognizing Unbounded Petri Nets With Semilinear Reachability Sets and Constructing Their Reachability Trees. IEEE Access, 2018, 6, 43732-43742.	2.6	2
22	Controllability of complex siphons for deadlock prevention in Systems of Simple Sequential Processes with Resources. , 2015, , .		1
23	A new linear constraint transformation approach for Petri nets with uncontrollable transitions. , 2016, , .		1
24	Liveness Enforcement for a Class of Petri Nets via Resource Allocation. , 2018, , .		1
25	Monitor-based liveness-enforcing petri net supervisors for flexible manufacturing systems. , 2014, , .		0
26	An algorithm for linear constraint transformation in Petri nets. , 2016, , .		0