

# Dan You

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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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.

22  
papers

378  
citations

11  
h-index

19  
g-index

26  
ext. papers

465  
ext. citations

4.8  
avg, IF

4.26  
L-index

#	Paper	IF	Citations
22	Computation of Minimal Siphons in Petri Nets Using Problem Partitioning Approaches. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2022</b> , 9, 329-338	7	2
21	Supervisory Control of Petri Nets in the Presence of Replacement Attacks. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	6
20	A Liveness-Enforcing Supervisor Tolerant to Sensor-Reading Modification Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-14	7.3	4
19	Computation of an emptiable minimal siphon in a subclass of Petri nets using mixed-integer programming. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2020</b> , 1-8	7	12
18	A Survey of Network Attacks on Cyber-Physical Systems. <i>IEEE Access</i> , <b>2020</b> , 8, 44219-44227	3.5	22
17	A Deadlock Prevention Policy for a Class of Multithreaded Software. <i>IEEE Access</i> , <b>2020</b> , 8, 16676-16688	3.5	19
16	Heuristic Scheduling of Batch Production Processes Based on Petri Nets and Iterated Greedy Algorithms. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2020</b> , 1-11	4.9	19
15	A Siphon-Based Deadlock Prevention Strategy for S3PR. <i>IEEE Access</i> , <b>2019</b> , 7, 86863-86873	3.5	34
14	Verification of Fault-predictability in Labeled Petri Nets Using Predictor Graphs. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 4353-4360	5.9	15
13	Supervisory control of a class of Petri nets with unobservable and uncontrollable transitions. <i>Information Sciences</i> , <b>2019</b> , 501, 635-654	7.7	7
12	An Approach for Enumerating Minimal Siphons in a Subclass of Petri Nets. <i>IEEE Access</i> , <b>2018</b> , 6, 4255-4265	3.5	36
11	A Novel Approach for Constraint Transformation in Petri Nets With Uncontrollable Transitions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1403-1410	7.3	44
10	An Algorithm of Recognizing Unbounded Petri Nets With Semilinear Reachability Sets and Constructing Their Reachability Trees. <i>IEEE Access</i> , <b>2018</b> , 6, 43732-43742	3.5	2
9	Liveness Enforcement for a Class of Petri Nets via Resource Allocation <b>2018</b> ,		1
8	A Resource Allocation Approach for Enforcing Liveness on a Class of Petri Nets. <i>IEEE Access</i> , <b>2018</b> , 6, 48577-48587	3.5	3
7	A Necessary and Sufficient Condition for a Resource Subset to Generate a Strict Minimal Siphon in S4PR. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 4173-4179	5.9	84
6	Computation of an Optimal Transformed Linear Constraint in a Class of Petri Nets With Uncontrollable Transitions. <i>IEEE Access</i> , <b>2017</b> , 5, 6780-6790	3.5	8

5	Characterization of Admissible Marking Sets in Petri Nets with Uncontrollable Transitions. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 1953-1958	5.9	27
4	A new linear constraint transformation approach for Petri nets with uncontrollable transitions <b>2016</b> ,		1
3	Synthesis of Monitor-Based Liveness-Enforcing Supervisors for $\text{rm}\{S\}^{\{3\}}$ PR With $\{\boldsymbol{\xi}\}$ -Resources. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 967-975	7.3	22
2	Complete enumeration of minimal siphons in ordinary Petri nets based on problem partitioning <b>2015</b> ,		2
1	New reachability trees for unbounded Petri nets <b>2015</b> ,		7