

# Dan You

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1959069/dan-you-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
21	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
20	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
19	A Siphon-Based Deadlock Prevention Strategy for S3PR. <i>IEEE Access</i> , <b>2019</b> , 7, 86863-86873	3.5	34
18	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
17	A Survey of Network Attacks on Cyber-Physical Systems. <i>IEEE Access</i> , <b>2020</b> , 8, 44219-44227	3.5	22
16	Synthesis of Monitor-Based Liveness-Enforcing Supervisors for $S^3$ PR With $\xi$ -Resources. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 967-975	7.3	22
15	A Deadlock Prevention Policy for a Class of Multithreaded Software. <i>IEEE Access</i> , <b>2020</b> , 8, 16676-16688	3.5	19
14	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
13	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
12	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
11	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
10	New reachability trees for unbounded Petri nets <b>2015</b> ,		7
9	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
8	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
7	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
6	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

5	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
4	Complete enumeration of minimal siphons in ordinary Petri nets based on problem partitioning <b>2015</b> ,		2
3	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
2	A new linear constraint transformation approach for Petri nets with uncontrollable transitions <b>2016</b> ,		1
1	Liveness Enforcement for a Class of Petri Nets via Resource Allocation <b>2018</b> ,		1