

# Sun-Yuan Hsieh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9453539/publications.pdf>

Version: 2024-02-01

190  
papers

3,741  
citations

81743

39  
h-index

174990

52  
g-index

194  
all docs

194  
docs citations

194  
times ranked

746  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault-free Hamiltonian cycles in faulty arrangement graphs. IEEE Transactions on Parallel and Distributed Systems, 1999, 10, 223-237.	4.0	128
2	Extraconnectivity of $k$ -ary $n$ -cube networks. Theoretical Computer Science, 2012, 443, 63-69.	0.5	102
3	Hamiltonian-laceability of star graphs. Networks, 2000, 36, 225-232.	1.6	97
4	Conditional Diagnosability of Augmented Cubes under the PMC Model. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 46-60.	3.7	89
5	On 3-Extra Connectivity and 3-Extra Edge Connectivity of Folded Hypercubes. IEEE Transactions on Computers, 2014, 63, 1594-1600.	2.4	87
6	The Conditional Diagnosability of $k$ -Ary $n$ -Cubes under the Comparison Diagnosis Model. IEEE Transactions on Computers, 2013, 62, 839-843.	2.4	83
7	Utilization-prediction-aware virtual machine consolidation approach for energy-efficient cloud data centers. Journal of Parallel and Distributed Computing, 2020, 139, 99-109.	2.7	83
8	Constructing edge-disjoint spanning trees in locally twisted cubes. Theoretical Computer Science, 2009, 410, 926-932.	0.5	81
9	Extraconnectivities of hypercube-like networks. Journal of Computer and System Sciences, 2013, 79, 669-688.	0.9	81
10	Structural Properties and Conditional Diagnosability of Star Graphs by Using the PMC Model. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3002-3011.	4.0	68
11	The Extra, Restricted Connectivity and Conditional Diagnosability of Split-Star Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 533-545.	4.0	64
12	Strong Diagnosability and Conditional Diagnosability of Augmented Cubes Under the Comparison Diagnosis Model. IEEE Transactions on Reliability, 2012, 61, 140-148.	3.5	60
13	Hamiltonian path embedding and pancyclicity on the Mobius cube with faulty nodes and faulty edges. IEEE Transactions on Computers, 2006, 55, 854-863.	2.4	59
14	Edge-fault-tolerant hamiltonicity of locally twisted cubes under conditional edge faults. Journal of Combinatorial Optimization, 2010, 19, 16-30.	0.8	58
15	A Dynamic Data Placement Strategy for Hadoop in Heterogeneous Environments. Big Data Research, 2014, 1, 14-22.	2.6	58
16	Longest fault-free paths in star graphs with edge faults. IEEE Transactions on Computers, 2001, 50, 960-971.	2.4	57
17	Pancyclicity on Möbius cubes with maximal edge faults. Parallel Computing, 2004, 30, 407-421.	1.3	57
18	Relating Extra Connectivity and Extra Conditional Diagnosability in Regular Networks. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 1086-1097.	3.7	55

#	ARTICLE	IF	CITATIONS
19	Panconnectivity and edge-pancyclicity of 3-ary N-cubes. Journal of Supercomputing, 2007, 42, 225-233.	2.4	54
20	Strong Diagnosability and Conditional Diagnosability of Multiprocessor Systems and Folded Hypercubes. IEEE Transactions on Computers, 2013, 62, 1472-1477.	2.4	54
21	Diagnosability of Two-Matching Composition Networks under the $MM^{\ast}$ Model. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 246-255.	3.7	53
22	The Extra Connectivity, Extra Conditional Diagnosability, and $\gamma$ -Diagnosability of Arrangement Graphs. IEEE Transactions on Reliability, 2016, 65, 1248-1262.	3.5	52
23	Strongly Diagnosable Product Networks Under the Comparison Diagnosis Model. IEEE Transactions on Computers, 2008, 57, 721-732.	2.4	51
24	Longest fault-free paths in star graphs with vertex faults. Theoretical Computer Science, 2001, 262, 215-227.	0.5	50
25	Embedding longest fault-free paths onto star graphs with more vertex faults. Theoretical Computer Science, 2005, 337, 370-378.	0.5	49
26	Pancyclicity of Restricted Hypercube-Like Networks under the Conditional Fault Model. SIAM Journal on Discrete Mathematics, 2010, 23, 2100-2119.	0.4	49
27	Conditional Edge-Fault Hamiltonicity of Matching Composition Networks. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 581-592.	4.0	48
28	Fault-tolerant cycle embedding in the hypercube with more both faulty vertices and faulty edges. Parallel Computing, 2006, 32, 84-91.	1.3	46
29	Conditional Diagnosability of $(n, k)$ -Star Networks Under the Comparison Diagnosis Model. IEEE Transactions on Reliability, 2015, 64, 132-143.	3.5	46
30	Dynamic programming on distance-hereditary graphs. Lecture Notes in Computer Science, 1997, , 344-353.	1.0	45
31	The Relationship Between $g$ -Restricted Connectivity and $g$ -Good-Neighbor Fault Diagnosability of General Regular Networks. IEEE Transactions on Reliability, 2018, 67, 285-296.	3.5	44
32	Hamiltonian-connectivity and strongly Hamiltonian-laceability of folded hypercubes. Computers and Mathematics With Applications, 2007, 53, 1040-1044.	1.4	43
33	Edge-bipancyclicity of a hypercube with faulty vertices and edges. Discrete Applied Mathematics, 2008, 156, 1802-1808.	0.5	43
34	Conditional Diagnosability of $k$ -Ary $n$ -Cubes under the PMC Model. ACM Transactions on Design Automation of Electronic Systems, 2012, 17, 1-14.	1.9	43
35	Pancyclicity and bipancyclicity of conditional faulty folded hypercubes. Information Sciences, 2010, 180, 2904-2914.	4.0	42
36	Strongly Diagnosable Systems under the Comparison Diagnosis Model. IEEE Transactions on Computers, 2008, 57, 1720-1725.	2.4	41

#	ARTICLE	IF	CITATIONS
37	Conditional edge-fault Hamiltonicity of augmented cubes. Information Sciences, 2010, 180, 2596-2617.	4.0	41
38	The Strong Diagnosability of Regular Networks and Product Networks under the PMC Model. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 367-378.	4.0	40
39	Panconnectivity and edge-pancyclicity of $k$ -ary $n$ -cubes. Networks, 2009, 54, 1-11.	1.6	40
40	Extra edge connectivity of hypercube-like networks. International Journal of Parallel, Emergent and Distributed Systems, 2013, 28, 123-133.	0.7	40
41	1-vertex-fault-tolerant cycles embedding on folded hypercubes. Discrete Applied Mathematics, 2009, 157, 3094-3098.	0.5	38
42	Cycle embedding of augmented cubes. Applied Mathematics and Computation, 2007, 191, 314-319.	1.4	35
43	Some edge-fault-tolerant properties of the folded hypercube. Networks, 2008, 51, 92-101.	1.6	35
44	$h$ -restricted connectivity of locally twisted cubes. Discrete Applied Mathematics, 2017, 217, 330-339.	0.5	35
45	$(t,k)$ -Diagnosis for Component-Composition Graphs under the $MM^*$ Model. IEEE Transactions on Computers, 2011, 60, 1704-1717.	2.4	33
46	$\{2,3\}$ -Restricted connectivity of locally twisted cubes. Theoretical Computer Science, 2016, 615, 78-90.	0.5	33
47	Fault-tolerant path embedding in folded hypercubes with both node and edge faults. Theoretical Computer Science, 2013, 475, 82-91.	0.5	32
48	The $t$ -Diagnosability for Regular Networks. IEEE Transactions on Computers, 2016, 65, 3157-3170.	2.4	32
49	The relationship between extra connectivity and conditional diagnosability of regular graphs under the PMC model. Journal of Computer and System Sciences, 2018, 95, 1-18.	0.9	32
50	Determining the Diagnosability of $(1,2)$ -Matching Composition Networks and Its Applications. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 353-362.	3.7	31
51	Embedding Cycles and Paths in Product Networks and Their Applications to Multiprocessor Systems. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1081-1089.	4.0	30
52	Conditional Diagnosability of $(n,k)$ -Star Graphs Under the PMC Model. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 207-216.	3.7	29
53	Fault-Tolerant Embedding of Pairwise Independent Hamiltonian Paths on a Faulty Hypercube with Edge Faults. Theory of Computing Systems, 2009, 45, 407-425.	0.7	25
54	Heterogeneous Job Allocation Scheduler for Hadoop MapReduce Using Dynamic Grouping Integrated Neighboring Search. IEEE Transactions on Cloud Computing, 2020, 8, 193-206.	3.1	25

#	ARTICLE	IF	CITATIONS
55	A DNA-based solution to the graph isomorphism problem using Adleman's Lipton model with stickers. Applied Mathematics and Computation, 2008, 197, 672-686.	1.4	23
56	Fault-Tolerant Hamiltonicity of Augmented Cubes under the Conditional Fault Model. Lecture Notes in Computer Science, 2009, , 673-683.	1.0	23
57	Fault-free mutually independent Hamiltonian cycles in hypercubes with faulty edges. Journal of Combinatorial Optimization, 2006, 13, 153-162.	0.8	21
58	A DNA-based graph encoding scheme with its applications to graph isomorphism problems. Applied Mathematics and Computation, 2008, 203, 502-512.	1.4	21
59	Construction independent spanning trees on locally twisted cubes in parallel. Journal of Combinatorial Optimization, 2017, 33, 956-967.	0.8	20
60	A note on cycle embedding in folded hypercubes with faulty elements. Information Processing Letters, 2008, 108, 81.	0.4	19
61	Efficiency Network Construction of Advanced Metering Infrastructure Using Zigbee. IEEE Transactions on Mobile Computing, 2019, 18, 801-813.	3.9	19
62	Extended Fault-Tolerant Cycle Embedding in Faulty Hypercubes. IEEE Transactions on Reliability, 2009, 58, 702-710.	3.5	18
63	Novel Scheduling Algorithms for Efficient Deployment of MapReduce Applications in Heterogeneous Computing Environments. IEEE Transactions on Cloud Computing, 2018, 6, 1080-1095.	3.1	18
64	eDRAM: Effective early disease risk assessment with matrix factorization on a large-scale medical database: A case study on rheumatoid arthritis. PLoS ONE, 2018, 13, e0207579.	1.1	18
65	A further result on fault-free cycles in faulty folded hypercubes. Information Processing Letters, 2009, 110, 41-43.	0.4	17
66	Optimal fault-tolerant Hamiltonicity of star graphs with conditional edge faults. Journal of Supercomputing, 2009, 49, 354-372.	2.4	17
67	A Scalable Comparison-Based Diagnosis Algorithm for Hypercube-Like Networks. IEEE Transactions on Reliability, 2013, 62, 789-799.	3.5	17
68	Amortized efficiency of constructing multiple independent spanning trees on bubble-sort networks. Journal of Combinatorial Optimization, 2019, 38, 972-986.	0.8	17
69	Efficient Gray-Code-Based Range Encoding Schemes for Packet Classification in TCAM. IEEE/ACM Transactions on Networking, 2013, 21, 1201-1214.	2.6	16
70	Plasma proteome plus site-specific N-glycoprofiling for hepatobiliary carcinomas. Journal of Pathology: Clinical Research, 2019, 5, 199-212.	1.3	16
71	Conditional Diagnosability of Alternating Group Networks Under the PMC Model. IEEE/ACM Transactions on Networking, 2020, 28, 1968-1980.	2.6	16
72	Conditional (t,k)-Diagnosis in Graphs by Using the Comparison Diagnosis Model. IEEE Transactions on Computers, 2014, , 1-1.	2.4	15

#	ARTICLE	IF	CITATIONS
73	On vertex ranking of a starlike graph. Information Processing Letters, 2002, 82, 131-135.	0.4	14
74	The Hamiltonian problem on distance-hereditary graphs. Discrete Applied Mathematics, 2006, 154, 508-524.	0.5	14
75	The $k$ -degree Cayley graph and its topological properties. Networks, 2006, 47, 26-36.	1.6	14
76	On the partial terminal Steiner tree problem. Journal of Supercomputing, 2007, 41, 41-52.	2.4	14
77	Fault-Tolerant Bipancyclicity of Faulty Hypercubes Under the Generalized Conditional-Fault Model. IEEE Transactions on Communications, 2011, 59, 3400-3409.	4.9	14
78	Approximating the selected-internal Steiner tree. Theoretical Computer Science, 2007, 381, 288-291.	0.5	13
79	Multiprefix Trie: A New Data Structure for Designing Dynamic Router-Tables. IEEE Transactions on Computers, 2011, 60, 693-706.	2.4	13
80	A Classified Multisuffix Trie for IP Lookup and Update. IEEE Transactions on Computers, 2012, 61, 726-731.	2.4	13
81	Conditional edge-fault hamiltonian-connectivity of restricted hypercube-like networks. Information and Computation, 2016, 251, 314-334.	0.5	13
82	A Faster Implementation of a Parallel Tree Contraction Scheme and Its Application on Distance-Hereditary Graphs. Journal of Algorithms, 2000, 35, 50-81.	0.9	12
83	Pancyclicity of Matching Composition Networks under the Conditional Fault Model. IEEE Transactions on Computers, 2012, 61, 278-183.	2.4	12
84	The internal Steiner tree problem: Hardness and approximations. Journal of Complexity, 2013, 29, 27-43.	0.7	12
85	EFFICIENT PARALLEL ALGORITHMS ON DISTANCE HEREDITARY GRAPHS. Parallel Processing Letters, 1999, 09, 43-52.	0.4	11
86	$k$ -Diagnosability of regular graphs under the PMC model. ACM Transactions on Design Automation of Electronic Systems, 2013, 18, 1-13.	1.9	11
87	Approximability and inapproximability of the star $p$ -hub center problem with parameterized triangle inequality. Journal of Computer and System Sciences, 2018, 92, 92-112.	0.9	11
88	A Pessimistic Fault Diagnosability of Large-Scale Connected Networks via Extra Connectivity. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 415-428.	4.0	11
89	Edge-bipancyclicity of star graphs with faulty elements. Theoretical Computer Science, 2011, 412, 6938-6947.	0.5	10
90	Conditional Edge-Fault Hamiltonicity of Cartesian Product Graphs. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1951-1960.	4.0	10

#	ARTICLE	IF	CITATIONS
91	Approximation Algorithms for the Star $k$ -Hub Center Problem in Metric Graphs. Lecture Notes in Computer Science, 2016, , 222-234.	1.0	10
92	A Survey of Hub Location Problems. Journal of Interconnection Networks, 2019, 19, 1940005.	0.6	10
93	Constructing Independent Spanning Trees on Pancake Networks. IEEE Access, 2020, 8, 3427-3433.	2.6	10
94	Top-Down Construction of Independent Spanning Trees in Alternating Group Networks. IEEE Access, 2020, 8, 112333-112347.	2.6	10
95	$R_3$ -connectivity of folded hypercubes. Discrete Applied Mathematics, 2020, 285, 261-273.	0.5	10
96	The Construction of Multiple Independent Spanning Trees on Burnt Pancake Networks. IEEE Access, 2021, 9, 16679-16691.	2.6	10
97	Embed longest rings onto star graphs with vertex faults. , 0, , .		9
98	Characterization of Efficiently Parallel Solvable Problems on Distance-Hereditary Graphs. SIAM Journal on Discrete Mathematics, 2002, 15, 488-518.	0.4	9
99	Component-Composition Graphs: $(t,k)$ -Diagnosability and Its Application. IEEE Transactions on Computers, 2013, 62, 1097-1110.	2.4	9
100	Matching Cut in Graphs with Large Minimum Degree. Algorithmica, 2021, 83, 1238-1255.	1.0	9
101	An efficient parallel strategy for the two-fixed-endpoint Hamiltonian path problem on distance-hereditary graphs. Journal of Parallel and Distributed Computing, 2004, 64, 662-685.	2.7	8
102	A Multi-Index Hybrid Trie for Lookup and Updates. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2486-2498.	4.0	8
103	Approximation algorithms for the $p$ -hub center routing problem in parameterized metric graphs. Theoretical Computer Science, 2020, 806, 271-280.	0.5	8
104	Efficient Algorithms for the Hamiltonian Problem on Distance-Hereditary Graphs. Lecture Notes in Computer Science, 2002, , 77-86.	1.0	7
105	Finding a maximum-density path in a tree under the weight and length constraints. Information Processing Letters, 2008, 105, 202-205.	0.4	7
106	The Approximability of the $p$ -hub Center Problem with Parameterized Triangle Inequality. Lecture Notes in Computer Science, 2017, , 112-123.	1.0	7
107	Conditional $(t,k)$ -Diagnosis in Regular and Irregular Graphs Under the Comparison Diagnosis Model. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 351-356.	3.7	7
108	A Novel Scheme for Improving the Reliability in Smart Grid Neighborhood Area Networks. IEEE Access, 2019, 7, 129942-129954.	2.6	7

#	ARTICLE	IF	CITATIONS
109	Vulnerability of super extra edge-connected graphs. Journal of Computer and System Sciences, 2020, 108, 1-9.	0.9	7
110	Constructing Independent Spanning Trees on Transposition Networks. IEEE Access, 2020, 8, 147122-147132.	2.6	7
111	A Complete Fault Tolerant Method for Extra Fault Diagnosability of Alternating Group Graphs. IEEE Transactions on Reliability, 2021, 70, 957-969.	3.5	7
112	Constructing Independent Spanning Trees on Generalized Recursive Circulant Graphs. IEEE Access, 2021, 9, 74028-74037.	2.6	7
113	Real-time energy data compression strategy for reducing data traffic based on smart grid AMI networks. Journal of Supercomputing, 2021, 77, 10097-10116.	2.4	7
114	An improved algorithm for the Steiner tree problem with bounded edge-length. Journal of Computer and System Sciences, 2022, 123, 20-36.	0.9	7
115	Cycle Embedding on Twisted Cubes. , 2006, , .		6
116	Embedding cycles and paths in a k-ary n-cube. , 2007, , .		6
117	Fault-Tolerant Cycle Embedding in Cartesian Product Graphs: Edge-Pancyclicity and Edge-Bipancyclicity with Faulty Edges. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2997-3011.	4.0	6
118	Two Algorithms for Constructing Independent Spanning Trees in $(n, k)$ -Star Graphs. IEEE Access, 2020, 8, 175932-175947.	2.6	6
119	An $O(\log_3 N)$ Algorithm for Reliability Assessment of 3-Ary $n$ -Cubes Based on $h$ -Extra Edge Connectivity. IEEE Transactions on Reliability, 2022, 71, 1230-1240.	3.5	6
120	Finding a Weight-Constrained Maximum-Density Subtree in a Tree. Lecture Notes in Computer Science, 2005, , 944-953.	1.0	6
121	An efficient parallel algorithm for the efficient domination problem on distance-hereditary graphs. IEEE Transactions on Parallel and Distributed Systems, 2002, 13, 985-993.	4.0	5
122	A New Branch and Bound Method for the Protein Folding Problem Under the 2D-HP Model. IEEE Transactions on Nanobioscience, 2011, 10, 69-75.	2.2	5
123	On the Complexity of the Star $p$ -hub Center Problem with Parameterized Triangle Inequality. Lecture Notes in Computer Science, 2017, , 152-163.	1.0	5
124	An improved approximation algorithm for the partial-terminal Steiner tree problem with edge cost 1 or 2. Journal of Discrete Algorithms, 2015, 35, 62-71.	0.7	4
125	Improving the Search Mechanism for Unstructured Peer-to-Peer Networks Using the Statistical Matrix Form. IEEE Access, 2015, 3, 926-941.	2.6	4
126	An Improved Approximation Ratio to the Partial-Terminal Steiner Tree Problem. IEEE Transactions on Computers, 2015, 64, 274-279.	2.4	4



#	ARTICLE	IF	CITATIONS
127	Edge-fault-tolerant pancyclicity and bipancyclicity of Cartesian product graphs with faulty edges. Journal of Computer and System Sciences, 2016, 82, 767-781.	0.9	4
128	Detecting exact breakpoints of deletions with diversity in hepatitis B viral genomic DNA from next-generation sequencing data. Methods, 2017, 129, 24-32.	1.9	4
129	Characterization of Diagnosabilities on the Bounded PMC Model. Computer Journal, 2020, 63, 1397-1405.	1.5	4
130	A Personalized Music Recommender System Using User Contents, Music Contents and Preference Ratings. Vietnam Journal of Computer Science, 2020, 07, 77-92.	1.0	4
131	Better Adaptive Malicious Users Detection Algorithm in Human Contact Networks. IEEE Transactions on Computers, 2022, 71, 2968-2981.	2.4	4
132	1-Vertex-Hamiltonian-Laceability of Hypercubes with Maximal Edge Faults. Journal of Interconnection Networks, 2005, 06, 407-415.	0.6	3
133	Super Fault-Tolerant Hamiltonicity of Product Networks. , 2010, , .		3
134	Hamiltonicity of Product Networks with Faulty Elements. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2318-2331.	4.0	3
135	Multi-Inherited Search Tree for Dynamic IP Router-Tables. IEEE Transactions on Computers, 2017, 66, 114-126.	2.4	3
136	Classifying Protein Specific Residue Structures Based on Graph Mining. IEEE Access, 2018, 6, 55828-55837.	2.6	3
137	A Swap-Based Heuristic Algorithm for the Maximum $k$ -Plex Problem. IEEE Access, 2019, 7, 110267-110278.	2.6	3
138	Strong Reliability of Star Graphs Interconnection Networks. IEEE Transactions on Reliability, 2022, 71, 1241-1254.	3.5	3
139	On the Internal Steiner Tree Problem. , 2007, , 274-283.		3
140	Cycle and Path Embedding on 5-ary N-cubes. RAIRO - Theoretical Informatics and Applications, 2009, 43, 133-144.	0.5	3
141	A Fast $f(r,k+1)/k$ -Diagnosis for Interconnection Networks Under MM* Model. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1593-1604.	4.0	3
142	An Efficient Parallel Strategy for Computing $k$ -Terminal Reliability and Finding Most Vital Edges in 2-Trees and Partial 2-Trees. Journal of Parallel and Distributed Computing, 1998, 51, 89-113.	2.7	2
143	A simple and fast parallel coloring algorithm for distance-hereditary graphs. IEEE Transactions on Parallel and Distributed Systems, 2003, 14, 1201-1208.	4.0	2
144	Path and Cycle Embedding of 3-ary N-cubes. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
145	Finding maximal leaf-agreement isomorphic descendent subtrees from phylogenetic trees with different species. <i>Theoretical Computer Science</i> , 2007, 370, 299-308.	0.5	2
146	Random and Conditional $(t, \hat{A}k)$ -Diagnosis of Hypercubes. <i>Algorithmica</i> , 2017, 79, 625-644.	1.0	2
147	Recursive and parallel constructions of independent spanning trees in alternating group networks. <i>International Journal of Computer Mathematics: Computer Systems Theory</i> , 2020, 5, 234-262.	0.7	2
148	A Novel Measurement for Network Reliability. <i>IEEE Transactions on Computers</i> , 2021, 70, 1719-1731.	2.4	2
149	An Analysis on the Reliability of the Alternating Group Graph. <i>IEEE Transactions on Reliability</i> , 2021, , 1-14.	3.5	2
150	Matching Cut in Graphs with Large Minimum Degree. <i>Lecture Notes in Computer Science</i> , 2019, , 301-312.	1.0	2
151	An Efficient Approximation Algorithm for the Steiner Tree Problem. <i>Lecture Notes in Computer Science</i> , 2020, , 238-251.	1.0	2
152	Distribution Key Scheme for Secure Group Management in VANET Using Polynomial Interpolation. <i>Communications in Computer and Information Science</i> , 2021, , 3-14.	0.4	2
153	FFNLFD: Fault Diagnosis of Multiprocessor Systems at Local Node with Fault-Free Neighbors under PMC Model and MM* Model. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021, , 1-1.	4.0	2
154	Dynamic Parallel Flow Algorithms With Centralized Scheduling for Load Balancing in Cloud Data Center Networks. <i>IEEE Transactions on Cloud Computing</i> , 2023, 11, 1050-1064.	3.1	2
155	Pathogenicity Prediction of Single Amino Acid Variants with Machine Learning Model Based on Protein Structural Energies. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, PP, 1-1.	1.9	2
156	Hardness and approximation for the star p-Hub Routing Cost Problem in metric graphs. <i>Theoretical Computer Science</i> , 2022, 922, 13-24.	0.5	2
157	The $k$ -valent graph: a new family of Cayley graphs for interconnection networks. , 2004, , .		1
158	Conditional edge-fault-tolerant Hamiltonian cycle embedding of star graphs. , 2007, , .		1
159	An efficient strategy for generating all descendant subtree patterns from phylogenetic trees with its implementation. <i>Applied Mathematics and Computation</i> , 2007, 193, 408-418.	1.4	1
160	A faster parallel connectivity algorithm on cographs. <i>Applied Mathematics Letters</i> , 2007, 20, 341-344.	1.5	1
161	On the Partial-Terminal Steiner Tree Problem. <i>Parallel Architectures, Algorithms and Networks (I-SPAN)</i> , Proceedings of the International Symposium on, 2008, , .	0.0	1
162	The weight-constrained maximum-density subtree problem and related problems in trees. <i>Journal of Supercomputing</i> , 2010, 54, 366-380.	2.4	1

#	ARTICLE	IF	CITATIONS
163	Improved Precise Fault Diagnosis Algorithm for Hypercube-Like Systems Based on the Comparison Diagnosis Model. Journal of Interconnection Networks, 2016, 16, 1650009.	0.6	1
164	Automatically locating unnamed windows and inner frames for web regression testing. , 2017, , .		1
165	Determining the Conditional Diagnosability of k-Ary n-Cubes Under the MM* Model. Lecture Notes in Computer Science, 2011, , 78-88.	1.0	1
166	Novel Algorithm for Improved Protein Classification Using Graph Similarity. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 3135-3143.	1.9	1
167	On the Approximability of the Single Allocation p-Hub Center Problem with Parameterized Triangle Inequality. Algorithmica, 2022, 84, 1993-2027.	1.0	1
168	Pancyclicity on Mobius cubes with edge faults. , 2004, , .		0
169	Efficiently parallelizable problems on a class of decomposable graphs. Journal of Computer and System Sciences, 2005, 70, 140-156.	0.9	0
170	Cycle Embedding on the M&#168;obius Cube with Both Faulty Nodes and Faulty Edges. , 0, , .		0
171	Longest Fault-Free Paths in Hypercubes with both Faulty Nodes and Edges. , 2007, , .		0
172	Fault-free Hamiltonian cycles in locally twisted cubes under conditional edge faults. , 2007, , .		0
173	The interval-merging problem. Information Sciences, 2007, 177, 519-524.	4.0	0
174	An efficient parallel strategy for the perfect domination problem on distance-hereditary graphs. Journal of Supercomputing, 2007, 39, 39-57.	2.4	0
175	A new approach for cycle embedding in faulty hypercubes. , 2008, , .		0
176	On parallel recognition of cographs. Theoretical Computer Science, 2011, 412, 686-694.	0.5	0
177	Weight-constrained and density-constrained paths in a tree: Enumerating, counting, and k-maximum density paths. Discrete Applied Mathematics, 2015, 180, 126-134.	0.5	0
178	The Crossing Number of Join Product of kth Power of Path Pm with Isolated Vertices and Path Pn. , 2016, , .		0
179	Guest Editorial: Special Section on Emerging Topics in the Design of High Performance Internet Routers. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 177-178.	3.2	0
180	Approximation Algorithms for the p-Hub Center Routing Problem in Parameterized Metric Graphs. Lecture Notes in Computer Science, 2018, , 115-127.	1.0	0

#	ARTICLE	IF	CITATIONS
181	Multilevel length-based classified index table for IP lookups and updates. Journal of Computer and System Sciences, 2020, 112, 66-84.	0.9	0
182	A Novel Branch-and-Bound Algorithm for the Protein Folding Problem in the 3D HP Model. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 455-462.	1.9	0
183	Fault-Free Pairwise Independent Hamiltonian Paths on Faulty Hypercubes. Lecture Notes in Computer Science, 2006, , 373-379.	1.0	0
184	Fault-Free Cycles in Conditional Faulty Folded Hypercubes. Lecture Notes in Computer Science, 2009, , 439-448.	1.0	0
185	Constructing Independent Spanning Trees in Alternating Group Networks. Lecture Notes in Computer Science, 2020, , 198-209.	1.0	0
186	A Novel Improved Algorithm for Protein Classification Through a Graph Similarity Approach. Lecture Notes in Computer Science, 2020, , 251-261.	1.0	0
187	A Survey for Conditional Diagnosability of Alternating Group Networks. Lecture Notes in Computer Science, 2020, , 640-651.	1.0	0
188	Fault Diagnosability of Networks With Fault-Free Block at Local Vertex Under MM* Model. IEEE Transactions on Reliability, 2023, 72, 372-383.	3.5	0
189	Novel scheme for reducing communication data traffic in advanced metering infrastructure networks. Journal of Supercomputing, 2022, 78, 8219-8246.	2.4	0
190	Strategies for Reducing Traffic Volume and Security on Smart Grid. , 2021, , .		0