

Weihua Yang

List of Publications by Year in descending order

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docs citations

65
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Fault Diagnosis Capability Analysis of Highly Connected Graphs. Computer Journal, 2023, 66, 221-228.	2.4	1
2	The Component Diagnosability of Hypercubes with Large-Scale Faulty Nodes. Computer Journal, 2022, 65, 1129-1143.	2.4	16
3	Construction of several classes of maximum codes. Discrete Mathematics, Algorithms and Applications, 2022, 14, .	0.6	0
4	The Sufficient Conditions of $(\hat{\Gamma}(G) \hat{\alpha}^2) - (F)$ -Fault-Tolerant Maximal Local-(Edge-)Connectivity of Connected Graphs. Journal of Interconnection Networks, 2022, 22, .	1.0	0
5	A stability theorem for maximal C_{2k+1} $\{C_{2k+1}\}$ -free graphs. Journal of Graph Theory, 2022, 101, 274-287.	0.9	1
6	Charging Path Optimization in Mobile Networks. IEEE/ACM Transactions on Networking, 2022, 30, 2262-2273.	3.8	3
7	A survey on book-embedding of planar graphs. Frontiers of Mathematics in China, 2022, 17, 255-273.	0.7	0
8	Edge fault-tolerance analysis of maximally edge-connected graphs and super edge-connected graphs. Journal of Computer and System Sciences, 2021, 115, 64-72.	1.2	3
9	Reliability analysis of the augmented cubes in terms of the extra edge-connectivity and the component edge-connectivity. Journal of Parallel and Distributed Computing, 2021, 147, 124-131.	4.1	25
10	The g -Extra Edge-Connectivity of Balanced Hypercubes. Journal of Interconnection Networks, 2021, 21, .	1.0	4
11	Contractible Edges in 3-Connected Cubic Graphs. Parallel Processing Letters, 2021, 31, 2150014.	0.6	0
12	Maintaining Constrained Path Problem for Directed Acyclic Graphs. Journal of Interconnection Networks, 2021, 21, .	1.0	0
13	Component connectivity of Cayley graphs generated by transposition trees. International Journal of Parallel, Emergent and Distributed Systems, 2020, 35, 103-110.	1.0	12
14	Embedding planar 5-graphs in three pages. Discrete Applied Mathematics, 2020, 282, 108-121.	0.9	8
15	How to Contract a Vertex Transitive 5-Connected Graph. Discrete Dynamics in Nature and Society, 2020, 2020, 1-10.	0.9	0
16	Fault-Tolerant Maximal Local-Edge-Connectivity of Augmented Cubes. Parallel Processing Letters, 2020, 30, 2040001.	0.6	3
17	Reliability Analysis of the Generalized Exchanged Hypercube. Parallel Processing Letters, 2020, 30, 2050009.	0.6	1
18	Reliability analysis of subsystem in dual cubes. Theoretical Computer Science, 2020, 816, 249-259.	0.9	13

#	ARTICLE	IF	CITATIONS
37	Edge disjoint paths in hypercubes and folded hypercubes with conditional faults. Applied Mathematics and Computation, 2017, 294, 96-101.	2.2	36
38	Component connectivity of hypercubes. Theoretical Computer Science, 2016, 640, 115-118.	0.9	65
39	On Cyclic Edge-Connectivity and Super-Cyclic Edge-Connectivity of Double-Orbit Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 13-27.	0.9	2
40	The g -extra conditional diagnosability and sequential t/k -diagnosability of hypercubes. International Journal of Computer Mathematics, 2016, 93, 482-497.	1.8	92
41	Hamiltonian cycles in spanning subgraphs of line graphs. Discrete Applied Mathematics, 2016, 209, 287-295.	0.9	1
42	A Note on Edge-Disjoint Hamilton Cycles in Line Graphs. Graphs and Combinatorics, 2016, 32, 741-744.	0.4	8
43	Properties of Chip-Firing Games on Complete Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2015, 38, 1463-1469.	0.9	0
44	Edge-fault-tolerant bipancyclicity of Cayley graphs generated by transposition-generating trees. International Journal of Computer Mathematics, 2015, 92, 1345-1352.	1.8	1
45	Reliability Evaluation of BC Networks in Terms of the Extra Vertex- and Edge-Connectivity. IEEE Transactions on Computers, 2014, 63, 2540-2548.	3.4	69
46	Reliability analysis of bijective connection networks in terms of the extra edge-connectivity. Information Sciences, 2014, 279, 374-382.	6.9	32
47	Collapsible Graphs and Hamiltonicity of Line Graphs. Graphs and Combinatorics, 2014, 30, 501-510.	0.4	2
48	On reliability of the folded hypercubes in terms of the extra edge-connectivity. Information Sciences, 2014, 272, 238-243.	6.9	27
49	Bounding the size of the subgraph induced by m vertices and extra edge-connectivity of hypercubes. Discrete Applied Mathematics, 2013, 161, 2753-2757.	0.9	45
50	On the t -diagnosability of BC networks. Applied Mathematics and Computation, 2013, 225, 366-371.	2.2	24
51	The contractible subgraph of 5-connected graphs. Czechoslovak Mathematical Journal, 2013, 63, 671-677.	0.3	0
52	Every 3-connected essentially 10-connected line graph is Hamilton-connected. Discrete Mathematics, 2012, 312, 3670-3674.	0.7	4
53	Generalized measures of fault tolerance in hypercube networks. Applied Mathematics Letters, 2012, 25, 1335-1339.	2.7	28
54	Hamiltonicity of 3-connected line graphs. Applied Mathematics Letters, 2012, 25, 1835-1838.	2.7	3

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55	Fault-tolerant Hamiltonian laceability of Cayley graphs generated by transposition trees. Discrete Mathematics, 2012, 312, 3087-3095.	0.7	13
56	Collapsible graphs and Hamiltonian connectedness of line graphs. Discrete Applied Mathematics, 2012, 160, 1837-1844.	0.9	6
57	On super 2-restricted and 3-restricted edge-connected vertex transitive graphs. Discrete Mathematics, 2011, 311, 2683-2689.	0.7	9
58	A kind of conditional vertex connectivity of Cayley graphs generated by 2-trees. Information Sciences, 2011, 181, 4300-4308.	6.9	34
59	On the edge-connectivity of graphs with two orbits of the same size. Discrete Mathematics, 2011, 311, 1768-1777.	0.7	2
60	A kind of conditional fault tolerance of n -star graphs. Information Processing Letters, 2010, 110, 1007-1011.	0.6	33
61	A kind of conditional fault tolerance of alternating group graphs. Information Processing Letters, 2010, 110, 998-1002.	0.6	44
62	Conditional connectivity of Cayley graphs generated by transposition trees. Information Processing Letters, 2010, 110, 1027-1030.	0.6	80
63	Extraconnectivity of hypercubes. Applied Mathematics Letters, 2009, 22, 887-891.	2.7	99
64	Embedding connected double-loop networks with even cardinality in books. Applied Mathematics Letters, 2009, 22, 1458-1461.	2.7	3
65	A Note on Oct1+-Minor-Free Graphs and Oct2+-Minor-Free Graphs. Journal of Interconnection Networks, 0, , .	1.0	0