

Shiying Wang

List of Publications by Year in descending order

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58
all docs

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#	ARTICLE	IF	CITATIONS
1	The Matching Preclusion of Enhanced Hypercubes. <i>Computer Journal</i> , 2022, 65, 1874-1890.	1.5	1
2	Reliability analysis of godan graphs. <i>Discrete Applied Mathematics</i> , 2022, 307, 180-190.	0.5	3
3	The diagnosability of M�bius cubes for the g-extra condition. <i>Theoretical Computer Science</i> , 2022, 908, 76-88.	0.5	5
4	Connectivity and diagnosability of center k-ary n-cubes. <i>Discrete Applied Mathematics</i> , 2021, 294, 98-107.	0.5	1
5	A short note on strong local diagnosability property of exchanged hypercubes under the comparison model. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2020, 35, 9-15.	0.7	1
6	Diagnosability of arrangement graphs with missing edges under the MM* model. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2020, 35, 69-80.	0.7	4
7	Diagnosability of expanded k -ary n -cubes with missing edges under the comparison model. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2020, 35, 16-28.	0.7	2
8	Vertex-Disjoint Paths in a 3-Ary n -Cube with Faulty Vertices. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-14.	0.6	0
9	The g-Extra Conditional Diagnosability of Graphs in Terms of g-Extra Connectivity. <i>Parallel Processing Letters</i> , 2020, 30, 2040006.	0.4	4
10	The Diagnosability of Wheel Networks with Missing Edges under the Comparison Model. <i>Mathematics</i> , 2020, 8, 1818.	1.1	5
11	The 2-good-neighbour diagnosability of modified bubble-sort graphs under the PMC and MM* model. <i>Systems Science and Control Engineering</i> , 2020, 8, 258-264.	1.8	2
12	Connectivity and Diagnosability of Leaf-Sort Graphs. <i>Parallel Processing Letters</i> , 2020, 30, 2040004.	0.4	0
13	Connectivity and Nature Diagnosability of Leaf-Sort Graphs. <i>Journal of Interconnection Networks</i> , 2020, 20, 2050011.	0.6	1
14	The strong connectivity of bubble-sort star graphs. <i>Computer Journal</i> , 2019, 62, 715-729.	1.5	7
15	The h -Extra Connectivity and Diagnosability of Locally Twisted Cubes. <i>IEEE Access</i> , 2019, 7, 102113-102118.	2.6	8
16	The r -Restricted Connectivity of Hyper Petersen Graphs. <i>IEEE Access</i> , 2019, 7, 109539-109543.	2.6	5
17	The g-Good-Neighbor Diagnosability of Bubble-Sort Graphs under Preparata, Metzke, and Chien's (PMC) Model and Maeng and Malek's (MM)* Model. <i>Information (Switzerland)</i> , 2019, 10, 21.	1.7	2
18	Diagnosability of Bubble-Sort Star Graphs with Missing Edges. <i>Journal of Interconnection Networks</i> , 2019, 19, 1950002.	0.6	3

#	ARTICLE	IF	CITATIONS
19	The g-good-neighbor and g-extra diagnosability of networks. Theoretical Computer Science, 2019, 773, 107-114.	0.5	26
20	The h-extra connectivity of k-ary n-cubes. Theoretical Computer Science, 2019, 784, 21-45.	0.5	22
21	Edge Fault Tolerance of Cartesian Product Graphs on Super Restricted Edge Connectivity. Computer Journal, 2018, 61, 761-772.	1.5	7
22	The 1-good-neighbor connectivity and diagnosability of Cayley graphs generated by complete graphs. Discrete Applied Mathematics, 2018, 246, 108-118.	0.5	18
23	The Edge Connectivity of Expanded k -Ary n -Cubes. Discrete Dynamics in Nature and Society, 2018, 2018, 1-7.	0.5	1
24	A Note on the Nature Diagnosability of Alternating Group Graphs Under the PMC Model and MM^* Model. Journal of Interconnection Networks, 2018, 18, 1850005.	0.6	4
25	g-Good-Neighbor Diagnosability of Arrangement Graphs under the PMC Model and MM^* Model. Information (Switzerland), 2018, 9, 275.	1.7	6
26	The g-extra connectivity and diagnosability of crossed cubes. Applied Mathematics and Computation, 2018, 336, 60-66.	1.4	38
27	The 2-Extra Diagnosability of Alternating Group Graphs under the PMC Model and MM^* Model. American Journal of Computational Mathematics, 2018, 08, 42-54.	0.2	8
28	The 1-good-neighbor diagnosability of Cayley graphs generated by transposition trees under the PMC model and MM^* model. International Journal of Computer Mathematics, 2017, 94, 620-631.	1.0	47
29	The 2-good-neighbor (2-extra) diagnosability of alternating group graph networks under the PMC model and MM^* model. Applied Mathematics and Computation, 2017, 305, 241-250.	1.4	43
30	The Tightly Super 2-extra Connectivity and 2-extra Diagnosability of Locally Twisted Cubes. Journal of Interconnection Networks, 2017, 17, 1750006.	0.6	18
31	The g-good-neighbor diagnosability of locally twisted cubes. Theoretical Computer Science, 2017, 697, 91-97.	0.5	21
32	g-good-neighbor conditional diagnosability of star graph networks under PMC model and MM^* model. Frontiers of Mathematics in China, 2017, 12, 1221-1234.	0.4	12
33	On g-extra conditional diagnosability of hypercubes and folded hypercubes. Theoretical Computer Science, 2017, 704, 62-73.	0.5	29
34	The 2-good-neighbor connectivity and 2-good-neighbor diagnosability of bubble-sort star graph networks. Discrete Applied Mathematics, 2017, 217, 691-706.	0.5	40
35	The connectivity and nature diagnosability of expanded k -ary n -cubes. RAIRO - Theoretical Informatics and Applications, 2017, 51, 71-89.	0.5	8
36	The 1-Good-Neighbor Diagnosability of Alternating Group Graph Networks Under the PMC Model and MM^* Model. Recent Patents on Computer Science, 2017, 10, .	0.5	3

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37	The Tightly Super 3-Extra Connectivity and Diagnosability of Locally Twisted Cubes. American Journal of Computational Mathematics, 2017, 07, 127-144.	0.2	7
38	A sufficient condition for graphs to be super k -restricted edge connected. Discussiones Mathematicae - Graph Theory, 2017, 37, 537.	0.2	4
39	The 2-good-neighbor diagnosability of Cayley graphs generated by transposition trees under the PMC model and MM \check{Z} model. Theoretical Computer Science, 2016, 628, 92-100.	0.5	45
40	The 2-Extra Connectivity and 2-Extra Diagnosability of Bubble-Sort Star Graph Networks. Computer Journal, 2016, 59, 1839-1856.	1.5	67
41	The g -good-neighbor conditional diagnosability of n -dimensional hypercubes under the MM \check{Z} model. Information Processing Letters, 2016, 116, 574-577.	0.4	58
42	Conditional fault tolerance in a class of Cayley graphs. International Journal of Computer Mathematics, 2016, 93, 67-82.	1.0	12
43	Some Properties of the (g, k) -Good-Neighbor ((g, k) -Extra) Diagnosability of a Multiprocessor System. American Journal of Computational Mathematics, 2016, 06, 259-266.	0.2	13
44	Sufficient Conditions for Maximally k -Isoperimetric Edge Connectivity of Graphs. International Journal of Foundations of Computer Science, 2015, 26, 583-598.	0.8	1
45	Diagnosability of Bubble-Sort Graph Networks under the Comparison Diagnosis Model. , 2015, , .		2
46	Strong matching preclusion for two-dimensional torus networks. International Journal of Computer Mathematics, 2015, 92, 473-485.	1.0	6
47	Degree conditions for graphs to be maximally k -restricted edge connected and super k -restricted edge connected. Discrete Applied Mathematics, 2015, 184, 258-263.	0.5	4
48	Unchanging the diameter of k -ary- n -cube networks with faulty vertices. International Journal of Computer Mathematics, 2015, 92, 15-28.	1.0	0
49	Strong matching preclusion for torus networks. Theoretical Computer Science, 2014, 520, 97-110.	0.5	8
50	Many-to-many disjoint path covers in k -ary n -cubes. Theoretical Computer Science, 2013, 491, 103-118.	0.5	23
51	Conditional connectivity of star graph networks under embedding restriction. Information Sciences, 2012, 199, 187-192.	4.0	27
52	Matching preclusion for k -ary n -cubes. Discrete Applied Mathematics, 2010, 158, 2066-2070.	0.5	55
53	Sufficient conditions for super k -restricted edge connected bipartite graphs to be super k -restricted edge connected. Discrete Applied Mathematics, 2009, 161, 191-199.	0.4	27
54	Sufficient conditions for bipartite graphs to be super k -restricted edge connected. Discrete Applied Mathematics, 2009, 161, 191-199.	0.4	11

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55	The Two-Good-Neighbor Connectivity and Diagnosability of the Augmented Three-Ary n -Cubes. Computer Journal, 0, , .	1.5	1
56	The r -Extra Diagnosability of Hyper Petersen Graphs. International Journal of Foundations of Computer Science, 0, , 1-12.	0.8	1
57	The Local Diagnosability of Folded Hypercubes with Conditional Faulty Edges Under the PMC Model. Journal of Interconnection Networks, 0, , .	0.6	0