Jung-Heum Park

List of Publications by Year
in descending order

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45 papers	832 citations	623188 14 h-index	525886 27 g-index
48 all docs	48 docs citations	48 times ranked	154 citing authors

#	Article	IF	Citations
1	Torus-like graphs and their paired many-to-many disjoint path covers. Discrete Applied Mathematics, 2021, 289, 64-77.	0.5	7
2	A sufficient condition for the unpaired k-disjoint path coverability of interval graphs. Journal of Supercomputing, 2021, 77, 6871-6888.	2.4	2
3	Characterization of interval graphs that are unpaired 2-disjoint path coverable. Theoretical Computer Science, 2020, 821, 71-86.	0.5	2
4	Disjoint path covers joining prescribed source and sink sets in interval graphs. Theoretical Computer Science, 2019, 776, 125-137.	0.5	5
5	Fault-tolerant embedding of starlike trees into restricted hypercube-like graphs. Journal of Computer and System Sciences, 2019, 105, 104-115.	0.9	2
6	A linear-time algorithm for finding a one-to-many 3-disjoint path cover in the cube of a connected graph. Information Processing Letters, 2019, 142, 57-63.	0.4	5
7	Paired Many-to-Many 3-Disjoint Path Covers in Bipartite Toroidal Grids. Journal of Computing Science and Engineering, 2018, 12, 115-126.	0.3	4
8	A linear-time algorithm for finding a paired 2-disjoint path cover in the cube of a connected graph. Discrete Applied Mathematics, 2017, 218, 98-112.	0.5	2
9	Disjoint path covers with path length constraints in restricted hypercube-like graphs. Journal of Computer and System Sciences, 2017, 89, 246-269.	0.9	3
10	Paired many-to-many disjoint path covers in restricted hypercube-like graphs. Theoretical Computer Science, 2016, 634, 24-34.	0.5	10
11	Unpaired many-to-many disjoint path covers in restricted hypercube-like graphs. Theoretical Computer Science, 2016, 617, 45-64.	0.5	10
12	Algorithms for finding disjoint path covers in unit interval graphs. Discrete Applied Mathematics, 2016, 205, 132-149.	0.5	4
13	Ore-type degree conditions for disjoint path covers in simple graphs. Discrete Mathematics, 2016, 339, 770-779.	0.4	12
14	The bicube: an interconnection of two hypercubes. International Journal of Computer Mathematics, 2015, 92, 29-40.	1.0	12
15	Many-to-many two-disjoint path covers in cylindrical and toroidal grids. Discrete Applied Mathematics, 2015, 185, 168-191.	0.5	16
16	Disjoint path covers in cubes of connected graphs. Discrete Mathematics, 2014, 325, 65-73.	0.4	12
17	Many-to-many two-disjoint path covers in restricted hypercube-like graphs. Theoretical Computer Science, 2014, 531, 26-36.	0.5	12
18	An approach to conditional diagnosability analysis under the PMC model and its application to torus networks. Theoretical Computer Science, 2014, 548, 98-116.	0.5	7

#	Article	IF	Citations
19	Strong matching preclusion under the conditional fault model. Discrete Applied Mathematics, 2013, 161, 1093-1105.	0.5	13
20	Paired Many-to-Many Disjoint Path Covers in Recursive Circulants $(G(2^m,4))$. IEEE Transactions on Computers, 2013, 62, 2468-2475.	2.4	21
21	Single-source three-disjoint path covers in cubes of connected graphs. Information Processing Letters, 2013, 113, 527-532.	0.4	14
22	Paired many-to-many disjoint path covers in faulty hypercubes. Theoretical Computer Science, 2013, 513, 1-24.	0.5	30
23	Paired 2-disjoint path covers and strongly Hamiltonian laceability of bipartite hypercube-like graphs. Information Sciences, 2013, 242, 103-112.	4.0	22
24	General-demand disjoint path covers in a graph with faulty elements. International Journal of Computer Mathematics, 2012, 89, 606-617.	1.0	11
25	Strong matching preclusion. Theoretical Computer Science, 2011, 412, 6409-6419.	0.5	50
26	Disjoint path covers in recursive circulants <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>G</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:msup><mml:mrow><mml:mn>2</mml:mn></mml:m with faulty elements. Theoretical Computer Science, 2011, 412, 4636-4649.	0.5	17
27	Conditional matching preclusion for hypercube-like interconnection networks. Theoretical Computer Science, 2009, 410, 2632-2640.	0.5	40
28	Many-to-Many Disjoint Path Covers in the Presence of Faulty Elements. IEEE Transactions on Computers, 2009, 58, 528-540.	2.4	60
29	Panconnectivity and edge-pancyclicity of faulty recursive circulant <mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	0.5	29
30	On the construction of paired many-to-many disjoint path covers in hypercube-like interconnection networks with faulty elements. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	0
31	Panconnectivity and pancyclicity of hypercube-like interconnection networks with faulty elements. Theoretical Computer Science, 2007, 377, 170-180.	0.5	96
32	Many-to-many disjoint path covers in hypercube-like interconnection networks with faulty elements. IEEE Transactions on Parallel and Distributed Systems, 2006, 17, 227-240.	4.0	91
33	Panconnectivity and Pancyclicity of Hypercube-Like Interconnection Networks with Faulty Elements. Lecture Notes in Computer Science, 2006, , 291-300.	1.0	0
34	Many-to-Many Disjoint Path Covers in a Graph with Faulty Elements. Lecture Notes in Computer Science, 2004, , 742-753.	1.0	7
35	Longest paths and cycles in faulty star graphs. Journal of Parallel and Distributed Computing, 2004, 64, 1286-1296.	2.7	9
36	One-to-Many Disjoint Path Covers in a Graph with Faulty Elements. Lecture Notes in Computer Science, 2004, , 392-401.	1.0	10

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37	Fault Hamiltonicity of Meshes with Two Wraparound Edges. Lecture Notes in Computer Science, 2004, , 412-421.	1.0	3
38	Recursive circulants and their embeddings among hypercubes. Theoretical Computer Science, 2000, 244, 35-62.	0.5	65
39	Dihamiltonian Decomposition of Regular Graphs with Degree Three. Lecture Notes in Computer Science, 1999, , 240-249.	1.0	3
40	Embedding trees in recursive circulants. Discrete Applied Mathematics, 1996, 69, 83-99.	0.5	25
41	An optimal algorithm for finding the edge visibility polygon under limited visibility. Information Processing Letters, 1995, 53, 359-365.	0.4	4
42	On the construction of regular minimal broadcast digraphs. Theoretical Computer Science, 1994, 124, 329-342.	0.5	3
43	On the number of guard edges of a polygon. Discrete and Computational Geometry, 1993, 10, 447-462.	0.4	3
44	Recursive circulant: a new topology for multicomputer networks (extended abstract). , 0, , .		32
45	Fault-Hamiltonicity of Hypercube-Like Interconnection Networks. , 0, , .		33