

Jianguo Qian

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

114
citations

1684188

5
h-index

1588992

8
g-index

39
all docs

39
docs citations

39
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	When does the list-coloring function of a graph equal its chromatic polynomial. Journal of Combinatorial Theory Series B, 2017, 122, 543-549.	1.0	16
2	On the number of Kekulé structures in capped zigzag nanotubes. Journal of Mathematical Chemistry, 2005, 38, 233-246.	1.5	13
3	Conjugated trees with minimum general Randić index. Discrete Applied Mathematics, 2009, 157, 1379-1386.	0.9	7
4	On the upper bound of the diameter of interchange graphs. Discrete Mathematics, 1999, 195, 277-285.	0.7	6
5	Dimer coverings on random multiple chains of planar honeycomb lattices. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P08002.	2.3	6
6	Sufficient conditions for Hamiltonian graphs in terms of (signless Laplacian) spectral radius. Linear and Multilinear Algebra, 2018, 66, 919-936.	1.0	6
7	Induced Matching Extendable Graph Powers. Graphs and Combinatorics, 2006, 22, 391-398.	0.4	5
8	Multi-hop all-to-all optical routings in Cartesian product networks. Information Processing Letters, 2008, 107, 252-256.	0.6	5
9	A generalization of Sperner's theorem and an application to graph orientations. Discrete Applied Mathematics, 2009, 157, 2170-2176.	0.9	5
10	Counting the cyclocized polyphenacenes. Journal of Computational Chemistry, 2010, 31, 2577-2584.	3.3	5
11	On the Rainbow Domination Number of Digraphs. Graphs and Combinatorics, 2016, 32, 1903-1913.	0.4	5
12	Eigenvalues and chromatic number of a signed graph. Linear Algebra and Its Applications, 2021, 619, 137-145.	0.9	4
13	Kekulé count in capped armchair nanotubes. Computational and Theoretical Chemistry, 2005, 725, 223-230.	1.5	3
14	On the dependence polynomial of a graph. European Journal of Combinatorics, 2007, 28, 337-346.	0.8	3
15	$L(p,q)$ -labeling and integer tension of a graph embedded on torus. Journal of Combinatorial Optimization, 2016, 31, 67-77.	1.3	3
16	Bounds on the domination number of a digraph. Journal of Combinatorial Optimization, 2018, 35, 64-74.	1.3	3
17	Alon's Tarsi Number and Modulo Alon's Tarsi Number of Signed Graphs. Graphs and Combinatorics, 2019, 35, 1051-1064.	0.4	3
18	Expanding and forwarding parameters of product graphs. Discrete Applied Mathematics, 2004, 136, 63-82.	0.9	2

#	ARTICLE	IF	CITATIONS
19	On f-fault tolerant arc-forwarding and optical indices of all-optical folded hypercubes. Information Processing Letters, 2009, 109, 828-831.	0.6	2
20	Enumerating tree-like polyphenyl isomers. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P12018.	2.3	2
21	Enumerating the total colorings of a polyhedron and application to polyhedral links. Journal of Mathematical Chemistry, 2012, 50, 1693-1705.	1.5	2
22	Bounds on the number of closed walks in a graph and its applications. Journal of Inequalities and Applications, 2014, 2014, .	1.1	2
23	Enumeration of unlabeled uniform hypergraphs. Discrete Mathematics, 2014, 326, 66-74.	0.7	2
24	L(p, q)-Labeling and Integer Flow on Planar Graphs. Computer Journal, 2013, 56, 785-792.	2.4	1
25	Monomer-dimer problem on random planar honeycomb lattice. Journal of Mathematical Physics, 2014, 55, 023304.	1.1	1
26	Enumerating stereo-isomers of tree-like polyinositols. Journal of Mathematical Chemistry, 2014, 52, 1581-1598.	1.5	1
27	Colorings versus list colorings of uniform hypergraphs. Journal of Graph Theory, 2020, 95, 384-397.	0.9	1
28	Degree complete graphs. Discrete Mathematics, 2006, 306, 533-537.	0.7	0
29	Graph colourings and solutions of systems of equations over finite fields. Discrete Mathematics, 2006, 306, 2257-2262.	0.7	0
30	Enumerating DNA polyhedral links. Journal of Mathematical Chemistry, 2013, 51, 1329-1342.	1.5	0
31	Laplacian Spectral Radius and Maximum Degree of Trees with Perfect Matchings. Graphs and Combinatorics, 2013, 29, 1249-1257.	0.4	0
32	Towards a Version of Ohba's Conjecture for Improper Colorings. Graphs and Combinatorics, 2017, 33, 489-501.	0.4	0
33	Inclusion-exclusion by ordering-free cancellation. Journal of Combinatorial Theory - Series A, 2019, 162, 1-9.	0.8	0
34	On the sum of the total domination numbers of a digraph and its converse. Quaestiones Mathematicae, 2019, 42, 47-57.	0.6	0
35	An Ore-type condition for the existence of two disjoint cycles. Information Processing Letters, 2020, 159-160, 105957.	0.6	0
36	Flow polynomials of a Signed Graph. Electronic Journal of Combinatorics, 2019, 26, .	0.4	0

#	ARTICLE	IF	CITATIONS
37	Degree sum condition for vertex-disjoint 5-cycles. <i>Discussiones Mathematicae - Graph Theory</i> , 2022, , .	0.3	0
38	Hamiltonian Cycles in 4-Connected Planar and Projective Planar Triangulations with Few 4-Separators. <i>SIAM Journal on Discrete Mathematics</i> , 2022, 36, 1496-1501.	0.8	0