

Haiyan Chen

List of Publications by Year in descending order

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25
papers

452
citations

1039406

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h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistance distance and the normalized Laplacian spectrum. <i>Discrete Applied Mathematics</i> , 2007, 155, 654-661.	0.5	234
2	Random walks and the effective resistance sum rules. <i>Discrete Applied Mathematics</i> , 2010, 158, 1691-1700.	0.5	34
3	Resistance distance local rules. <i>Journal of Mathematical Chemistry</i> , 2008, 44, 405-417.	0.7	28
4	On extremal bipartite unicyclic graphs. <i>Linear Algebra and Its Applications</i> , 2014, 444, 89-99.	0.4	24
5	On the Kirchhoff index of the complement of a bipartite graph. <i>Linear Algebra and Its Applications</i> , 2013, 439, 167-173.	0.4	17
6	The expected hitting times for finite Markov chains. <i>Linear Algebra and Its Applications</i> , 2008, 428, 2730-2749.	0.4	14
7	Hitting times for random walks on subdivision and triangulation graphs. <i>Linear and Multilinear Algebra</i> , 2018, 66, 117-130.	0.5	13
8	Resistance distances and Kirchhoff index of graphs with an involution. <i>Discrete Applied Mathematics</i> , 2016, 215, 185-196.	0.5	10
9	The normalized Laplacian spectra of the corona and edge corona of two graphs. <i>Linear and Multilinear Algebra</i> , 2017, 65, 582-592.	0.5	10
10	Two-point resistances in an Apollonian network. <i>Physical Review E</i> , 2017, 96, 062140.	0.8	9
11	Resistance distances and the Kirchhoff index in double graphs. <i>Journal of Applied Mathematics and Computing</i> , 2016, 50, 1-14.	1.2	8
12	Kekulé structures of square-hexagonal chains and the Hosoya index of caterpillar trees. <i>Discrete Mathematics</i> , 2016, 339, 506-510.	0.4	7
13	A connection between the Kekulé structures of pentagonal chains and the Hosoya index of caterpillar trees. <i>Discrete Applied Mathematics</i> , 2017, 232, 230-234.	0.5	7
14	Two-point resistances in a family of self-similar networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 523, 382-391.	1.2	7
15	Perfect matchings in random pentagonal chains. <i>Journal of Mathematical Chemistry</i> , 2017, 55, 1878-1886.	0.7	5
16	Resistance distances in the linear polyomino chain. <i>Journal of Applied Mathematics and Computing</i> , 2018, 57, 147-160.	1.2	5
17	The critical group of a clique-inserted graph. <i>Discrete Mathematics</i> , 2014, 319, 24-32.	0.4	4
18	On the Kirchhoff index of a graph and the matchings of the subdivision. <i>Discrete Applied Mathematics</i> , 2022, 310, 91-96.	0.5	4

#	ARTICLE	IF	CITATIONS
19	Dimer Coverings on Random Polyomino Chains. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 465-470.	0.7	3
20	The sandpile group of a polygon flower. Discrete Applied Mathematics, 2019, 270, 68-82.	0.5	3
21	Resistance Distances in Vertex-Face Graphs. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2018, 73, 105-112.	0.7	2
22	The Sandpile Group of a Family of Nearly Complete Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44, 625-637.	0.4	2
23	Resistance Distances and Kirchhoff Index in Generalised Join Graphs. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 207-215.	0.7	1
24	Spanning trees and recurrent configurations of a graph. Applied Mathematics and Computation, 2017, 314, 25-30.	1.4	1
25	The Sandpile Group of Polygon Rings and Twisted Polygon Rings. Graphs and Combinatorics, 2022, 38, .	0.2	0