

Yujun Yang

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

602
citations

840119

11
h-index

610482

24
g-index

38
all docs

38
docs citations

38
times ranked

196
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistance distance and Kirchhoff index in circulant graphs. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 330-339.	1.0	98
2	Kirchhoff index of linear hexagonal chains. <i>International Journal of Quantum Chemistry</i> , 2008, 108, 503-512.	1.0	85
3	Kirchhoff index of composite graphs. <i>Discrete Applied Mathematics</i> , 2009, 157, 2918-2927.	0.5	68
4	A recursion formula for resistance distances and its applications. <i>Discrete Applied Mathematics</i> , 2013, 161, 2702-2715.	0.5	65
5	Resistance distance-based graph invariants of subdivisions and triangulations of graphs. <i>Discrete Applied Mathematics</i> , 2015, 181, 260-274.	0.5	36
6	The Kirchhoff index of subdivisions of graphs. <i>Discrete Applied Mathematics</i> , 2014, 171, 153-157.	0.5	35
7	Some rules on resistance distance with applications. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 445203.	0.7	28
8	Comparison theorems on resistance distances and Kirchhoff indices of S and T -isomers. <i>Discrete Applied Mathematics</i> , 2014, 175, 87-93.	0.5	22
9	New Nordhaus-Gaddum-type results for the Kirchhoff index. <i>Journal of Mathematical Chemistry</i> , 2011, 49, 1587-1598.	0.7	16
10	Resistance distances in composite graphs. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 375203.	0.7	13
11	Graph invertibility and median eigenvalues. <i>Linear Algebra and Its Applications</i> , 2017, 513, 304-323.	0.4	13
12	A characterization of non-isometric binary words. <i>European Journal of Combinatorics</i> , 2019, 78, 121-133.	0.5	13
13	Two-point resistances and random walks on stellated regular graphs. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 075201.	0.7	11
14	Relations Between Resistance Distances of a Graph and its Complement or its Contraction. <i>Croatica Chemica Acta</i> , 2014, 87, 61-68.	0.1	9
15	Inverses of Bipartite Graphs. <i>Combinatorica</i> , 2018, 38, 1251-1263.	0.6	9
16	On a new cyclicity measure of graphs – The global cyclicity index. <i>Discrete Applied Mathematics</i> , 2014, 172, 88-97.	0.5	8
17	A Note on the Kirchhoff and Additive Degree-Kirchhoff Indices of Graphs. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015, 70, 459-463.	0.7	8
18	HOMO-LUMO gaps for sub-graphenic and sub-buckytubic species. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20150183.	1.0	8

#	ARTICLE	IF	CITATIONS
19	Bounds for the Kirchhoff Index of Bipartite Graphs. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-9.	0.4	6
20	Some spectral invariants of the neighborhood corona of graphs. <i>Discrete Applied Mathematics</i> , 2018, 247, 300-308.	0.5	6
21	The minimal Kirchhoff index of graphs with a given number of cut vertices. <i>Filomat</i> , 2016, 30, 3451-3463.	0.2	6
22	Eigenvalues of the resistance-distance matrix of complete multipartite graphs. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 296.	0.5	5
23	Solution to a conjecture on a Nordhaus-Gaddum type result for the Kirchhoff index. <i>Applied Mathematics and Computation</i> , 2018, 332, 241-249.	1.4	5
24	The Global Cyclicity Index of Benzenoid Chains. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	0.9	4
25	The self-concatenation of isometric strings is isometric. <i>Discrete Mathematics</i> , 2017, 340, 1844-1850.	0.4	4
26	Circular embeddability of isometric words. <i>Discrete Mathematics</i> , 2020, 343, 112024.	0.4	4
27	Some Bounds for the Kirchhoff Index of Graphs. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-7.	0.3	3
28	Infinite families of 2-isometric and not 3-isometric binary words. <i>Theoretical Computer Science</i> , 2017, 696, 1-10.	0.5	3
29	Resistance Distances and Kirchhoff Indices Under Graph Operations. <i>IEEE Access</i> , 2020, 8, 95650-95656.	2.6	3
30	Nordhaus-Gaddum-type results for resistance distance-based graph invariants. <i>Discussiones Mathematicae - Graph Theory</i> , 2016, 36, 695.	0.2	2
31	A Relation Between Moore-Penrose Inverses of Hermitian Matrices and Its Application in Electrical Networks. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	1
32	Close-to-zero eigenvalues of the rooted product of graphs. <i>Journal of Mathematical Chemistry</i> , 2021, 59, 1526.	0.7	1
33	Resistance Distances in Linear Polyacene Graphs. <i>Frontiers in Physics</i> , 2021, 8, .	1.0	1
34	Computing the Kirchhoff Index of Some xyz-Transformations of Regular Molecular Graphs. <i>Lecture Notes in Computer Science</i> , 2014, , 173-183.	1.0	1
35	Analysis of irregularity measures of zigzag, rhombic, and honeycomb benzenoid systems. <i>Open Physics</i> , 2020, 18, 1146-1153.	0.8	1
36	A Note on Resistance Distances of Graphs. <i>Frontiers in Physics</i> , 2022, 10, .	1.0	1

#	ARTICLE	IF	CITATIONS
37	Unicyclic Graphs with the Fourth Extremal Wiener Indices. <i>Journal of Chemistry</i> , 2020, 2020, 1-8.	0.9	0