

Zhongxun Zhu

List of Publications by Year in descending order

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21
papers

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1307594

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1125743

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21
all docs

21
docs citations

21
times ranked

181
citing authors

#	ARTICLE	IF	CITATIONS
1	On the number of spanning trees and normalized Laplacian of linear octagonalâ€quadrilateral networks. International Journal of Quantum Chemistry, 2019, 119, e25971.	2.0	73
2	On the general sum-connectivity index of tricyclic graphs. Journal of Applied Mathematics and Computing, 2016, 51, 177-188.	2.5	16
3	The number of independent sets in unicyclic graphs with a given diameter. Discrete Applied Mathematics, 2009, 157, 1387-1395.	0.9	14
4	Tricyclic graphs with maximum Merrifieldâ€Simmons index. Discrete Applied Mathematics, 2010, 158, 204-212.	0.9	12
5	A novel approach for bandwidth allocation among soft QoS traffic in wireless networks. Transactions on Emerging Telecommunications Technologies, 2014, 25, 479-484.	3.9	8
6	The number of independent sets of tricyclic graphs. Applied Mathematics Letters, 2012, 25, 1327-1334.	2.7	8
7	The number of independent sets of unicyclic graphs with given matching number. Discrete Applied Mathematics, 2012, 160, 108-115.	0.9	8
8	On the Normalized Laplacian and the Number of Spanning Trees of Linear Heptagonal Networks. Mathematics, 2019, 7, 314.	2.2	8
9	Extremal graphs with diameter 2 for two indices on resistance-distance. Discrete Mathematics, 2019, 342, 487-497.	0.7	5
10	An optimal solution to resource allocation among soft QoS trafficâ€in wireless network. International Journal of Communication Systems, 2014, 27, 2642-2657.	2.5	4
11	Some transformations on multiplicative eccentricity resistance-distance and their applications. Applied Mathematics and Computation, 2018, 323, 75-85.	2.2	4
12	The extremal structures of k -uniform unicyclic hypergraphs on Wiener index. International Journal of Quantum Chemistry, 2020, 120, e26091.	2.0	4
13	On the signless Laplacian Estrada index of uniform hypergraphs. International Journal of Quantum Chemistry, 2021, 121, e26579.	2.0	4
14	On the Distance and Distance Signless Laplacian Spectral Radii of Tricyclic Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 2587-2604.	0.9	2
15	Maximal Estrada index of unicyclic graphs with perfect matching. Journal of Applied Mathematics and Computing, 2017, 54, 381-393.	2.5	1
16	The Extremal Cacti on Multiplicative Degree-Kirchhoff Index. Mathematics, 2019, 7, 83.	2.2	1
17	Some Properties on Resistance Distance Spectral Radius. Bulletin of the Iranian Mathematical Society, 2020, 46, 137-147.	1.0	0
18	On the Boundary of Incidence Energy and Its Extremum Structure of Tricycle Graphs. Frontiers in Physics, 2020, 8, .	2.1	0

#	ARTICLE	IF	CITATIONS
19	Some Bounds for the Incidence Q-Spectral Radius of Uniform Hypergraphs. <i>Graphs and Combinatorics</i> , 2021, 37, 2065.	0.4	0
20	Some properties on α -least eigenvalue of uniform hypergraphs and their applications. <i>Computational and Applied Mathematics</i> , 2022, 41, .	2.2	0
21	The Extremal Structures of r -Uniform Unicyclic Hypergraphs on the Signless Laplacian Estrada Index. <i>Mathematics</i> , 2022, 10, 941.	2.2	0