

Darko Dimitrov

List of Publications by Year in descending order

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Version: 2024-02-01

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567281

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33
docs citations

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times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano properties analysis via fourth multiplicative ABC indicator calculating. Arabian Journal of Chemistry, 2018, 11, 793-801.	4.9	177
2	On the Maximum ABC Index of Graphs With Prescribed Size and Without Pendent Vertices. IEEE Access, 2018, 6, 27604-27616.	4.2	101
3	The irregularity of graphs under graph operations. Discussiones Mathematicae - Graph Theory, 2014, 34, 263.	0.3	37
4	On structural properties of trees with minimal atom-bond connectivity index. Discrete Applied Mathematics, 2014, 172, 28-44.	0.9	35
5	Efficient computation of trees with minimal atom-bond connectivity index. Applied Mathematics and Computation, 2013, 224, 663-670.	2.2	34
6	Graphs with maximal irregularity. Filomat, 2014, 28, 1315-1322.	0.5	33
7	On structural properties of trees with minimal atom-bond connectivity index II: Bounds on B and B . Discrete Applied Mathematics, 2016, 204, 90-116.	0.9	29
8	On structural properties of trees with minimal atom-bond connectivity index III: Trees with pendent paths of length three. Applied Mathematics and Computation, 2016, 282, 276-290.	2.2	28
9	On the extremal graphs with respect to bond incident degree indices. Discrete Applied Mathematics, 2018, 238, 32-40.	0.9	28
10	Comparing the irregularity and the total irregularity of graphs. Ars Mathematica Contemporanea, 2015, 9, 45-50.	0.6	28
11	Bounds on the quality of the PCA bounding boxes. Computational Geometry: Theory and Applications, 2009, 42, 772-789.	0.5	27
12	Graphs with maximal χ_f irregularity. Discrete Applied Mathematics, 2018, 250, 57-64.	0.9	22
13	Toughness condition for a graph to be all fractional (g, f, n) -critical deleted. Filomat, 2019, 33, 2735-2746.	0.5	22
14	On the irregularity of some molecular structures. Canadian Journal of Chemistry, 2017, 95, 174-183.	1.1	19
15	Remarks on maximum atom-bond connectivity index with given graph parameters. Discrete Applied Mathematics, 2017, 222, 222-226.	0.9	16
16	On structural properties of trees with minimal atom-bond connectivity index IV: Solving a conjecture about the pendent paths of length three. Applied Mathematics and Computation, 2017, 313, 418-430.	2.2	15
17	Remarks on Multiplicative Atom-Bond Connectivity Index. IEEE Access, 2019, 7, 76806-76811.	4.2	15
18	Computer search for large trees with minimal ABC index. Applied Mathematics and Computation, 2018, 338, 221-230.	2.2	11

#	ARTICLE	TJ ETQq1 1 0.784314 rgBT /Overlock 10 TIF50 767	CITATIONS
19	extremal graphs for general sum-connectivity index with given cyclomatic number when	0.9	11
20	Some forbidden combinations of branches in minimal-ABC trees. Discrete Applied Mathematics, 2018, 236, 165-182.	0.9	10
21	Graph irregularity and its measures. Applied Mathematics and Computation, 2019, 357, 317-324.	2.2	10
22	Polychromatic colorings of rectangular partitions. Discrete Mathematics, 2009, 309, 2957-2960.	0.7	7
23	NONREGULAR GRAPHS WITH MINIMAL TOTAL IRREGULARITY. Bulletin of the Australian Mathematical Society, 2015, 92, 1-10.	0.5	7
24	On the Zagreb index inequality of graphs with prescribed vertex degrees. Discrete Applied Mathematics, 2011, 159, 852-858.	0.9	5
25	On the Zagreb indices equality. Discrete Applied Mathematics, 2012, 160, 1-8.	0.9	5
26	Remarks on the Graovac-Ghorbani index of bipartite graphs. Applied Mathematics and Computation, 2017, 293, 370-376.	2.2	5
27	The Minimal-ABC Trees With B_1 -Branches II. IEEE Access, 2018, 6, 66350-66366.	4.2	5
28	The minimal-ABC trees with B_1 -branches. PLoS ONE, 2018, 13, e0195153.	2.5	5
29	Maximum external Wiener index of graphs. Discrete Applied Mathematics, 2019, 257, 331-337.	0.9	4
30	The minimal-ABC trees with B_2 -branches. Computational and Applied Mathematics, 2020, 39, 1.	2.2	3
31	Linear time construction of a compressed Gray code. European Journal of Combinatorics, 2013, 34, 69-81.	0.8	2
32	Graph-based feasibility analysis of resource dispatching in NFV networks. Journal of Intelligent and Fuzzy Systems, 2018, 35, 4487-4494.	1.4	0
33	A solution of the conjecture about big vertices of minimal-ABC trees. Applied Mathematics and Computation, 2021, 397, 125818.	2.2	0