Martin BaÄa

List of Publications by Year
in descending order

92 papers	1,113 citations	516710 16 h-index	434195 31 g-index
96 all docs	96 docs citations	96 times ranked	323 citing authors

#	Article	IF	Citations
1	On irregular total labellings. Discrete Mathematics, 2007, 307, 1378-1388.	0.7	195
2	On topological indices of fullerenes. Applied Mathematics and Computation, 2015, 251, 154-161.	2.2	93
3	Local Antimagic Vertex Coloring of a Graph. Graphs and Combinatorics, 2017, 33, 275-285.	0.4	85
4	On topological indices of a carbon nanotube network. Canadian Journal of Chemistry, 2015, 93, 1157-1160.	1.1	59
5	Total edge irregularity strength of generalized prism. Applied Mathematics and Computation, 2014, 235, 168-173.	2.2	51
6	The metric dimension of the lexicographic product of graphs. Discrete Mathematics, 2013, 313, 1045-1051.	0.7	47
7	On Edge Irregular Total Labeling of Categorical Product of Two Cycles. Theory of Computing Systems, 2014, 54, 1-12.	1.1	46
8	On edge irregularity strength of graphs. Applied Mathematics and Computation, 2014, 243, 607-610.	2.2	39
9	On Magic Labellings of Convex Polytopes. Annals of Discrete Mathematics, 1992, 51, 13-16.	1.4	36
10	Computing the metric dimension of kayak paddles graph and cycles with chord. Proyecciones, 2020, 39, 287-300.	0.3	31
11	Edge-antimagic graphs. Discrete Mathematics, 2007, 307, 1232-1244.	0.7	22
12	On super <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mrow><mml:mo>(</mml:mo><mml:mi>a</mml:mi><mml:mo>,</mml:mo><mml:mi>d</mml:mi><mml:mo>)</mml:mo></mml total labeling of disconnected graphs. Discrete Mathematics, 2009, 309, 4909-4915.	0.7	19
13	On Total Edge Irregularity Strength of Generalized Web Graphs and Related Graphs. Mathematics in Computer Science, 2015, 9, 161-167.	0.4	19
14	Vertex-antimagic total labelings of graphs. Discussiones Mathematicae - Graph Theory, 2003, 23, 67.	0.3	19
15	On magic labelings of honeycomb. Discrete Mathematics, 1992, 105, 305-311.	0.7	18
16	Note on edge irregular reflexive labelings of graphs. AKCE International Journal of Graphs and Combinatorics, 2019, 16, 145-157.	0.7	16
17	On fractional metric dimension of comb product graphs. Statistics, Optimization and Information Computing, 2018, 6, .	0.7	16
18	Super d-antimagic labelings of disconnected plane graphs. Acta Mathematica Sinica, English Series, 2010, 26, 2283-2294.	0.6	14

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19	On Edge Irregular Reflexive Labellings for the Generalized Friendship Graphs. Mathematics, 2017, 5, 67.	2.2	14
20	Labelings of plane graphs containing Hamilton path. Acta Mathematica Sinica, English Series, 2011, 27, 701-714.	0.6	13
21	A Survey of Irregularity Strength. Electronic Notes in Discrete Mathematics, 2015, 48, 19-26.	0.4	13
22	On H-irregularity strength of graphs. Discussiones Mathematicae - Graph Theory, 2017, 37, 1067.	0.3	12
23	On d-antimagic labelings of plane graphs. Electronic Journal of Graph Theory and Applications, 2013, 1, 28-39.	0.2	12
24	On super $(a,1)$ total labelings of regular graphs. Discrete Mathematics, 2010, 310, 1408-1412.	0.7	11
25	Entire Labeling of Plane Graphs. Applied Mathematics and Information Sciences, 2015, 9, 263-267.	0.5	11
26	Strong labelings of linear forests. Acta Mathematica Sinica, English Series, 2009, 25, 1951-1964.	0.6	10
27	Modular irregularity strength of graphs. Electronic Journal of Graph Theory and Applications, 2020, 8, 435.	0.2	10
28	The Irregularity and Modular Irregularity Strength of Fan Graphs. Symmetry, 2021, 13, 605.	2.2	9
29	On super edge-antimagic total labelings of mK_n. Discrete Mathematics, 2008, 308, 5032-5037.	0.7	8
30	Total Irregularity Strength of Three Families of Graphs. Mathematics in Computer Science, 2015, 9, 229-237.	0.4	8
31	Local Antimagic Chromatic Number for Copies of Graphs. Mathematics, 2021, 9, 1230.	2.2	8
32	Vertex-Magic Total Labelings Of Generalized Petersen Graphs. International Journal of Computer Mathematics, 2002, 79, 1259-1263.	1.8	7
33	Antimagic Labelings of Join Graphs. Mathematics in Computer Science, 2015, 9, 139-143.	0.4	7
34	Wheels are Cycle-Antimagic. Electronic Notes in Discrete Mathematics, 2015, 48, 11-18.	0.4	7
35	On vertex and edge H-irregularity strengths of graphs. Discrete Mathematics, Algorithms and Applications, 2016, 08, 1650070.	0.6	7
36	On the partition dimension of two-component graphs. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2017, 127, 755-767.	0.1	7

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37	Computing Vertex-Based Eccentric Topological Descriptors of Zero-Divisor Graph Associated with Commutative Rings. Mathematical Problems in Engineering, 2020, 2020, 1-6.	1.1	7
38	On magic labelings of type (1,1,1) for the special class of plane graphs. Journal of the Franklin Institute, 1992, 329, 549-553.	3.4	6
39	Total Edge Irregularity Strength of Toroidal Fullerene. Mathematics in Computer Science, 2013, 7, 487-492.	0.4	6
40	Tree-Antimagicness of Disconnected Graphs. Mathematical Problems in Engineering, 2015, 2015, 1-4.	1.1	6
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55	ON -ANTIMAGICNESS OF DISCONNECTED GRAPHS. Bulletin of the Australian Mathematical Society, 2016, 94, 201-207.	0.5	3
56	On -irregularity strength of ladders and fan graphs. AKCE International Journal of Graphs and Combinatorics, 2020, 17, 213-219.	0.7	3
57	Antimagic Valuations for the Special Class of Plane Graphs. Lecture Notes in Computer Science, 2005, , 58-64.	1.3	3
58	Labelings of a certain class of convex polytopes. Journal of the Franklin Institute, 1992, 329, 539-547.	3.4	2
59	Two constructions of H-antimagic graphs. AKCE International Journal of Graphs and Combinatorics, 2017, 14, 42-47.	0.7	2
60	On entire face irregularity strength of disjoint union of plane graphs. Applied Mathematics and Computation, 2017, 307, 232-238.	2.2	2
61	On H-antimagicness of Cartesian product of graphs. Turkish Journal of Mathematics, 2018, 42, 339-348.	0.7	2
62	On Consecutive labeling of plane graphs. Journal of the Franklin Institute, 1991, 328, 249-253.	3.4	1
63	On (a, b)-consecutive petersen graphs. Acta Mathematicae Applicatae Sinica, 1998, 14, 265-270.	0.7	1
64	Super Face Antimagic Labelings of Union of Antiprisms. Mathematics in Computer Science, 2013, 7, 245-253.	0.4	1
65	On 3-total edge product cordial labeling of a carbon nanotube network. AKCE International Journal of Graphs and Combinatorics, 2019, 16, 310-318.	0.7	1
66	Vertex irregular reflexive labeling of prisms and wheels. AKCE International Journal of Graphs and Combinatorics, 2020, 17, 51-59.	0.7	1
67	Rainbow 2-connectivity of edge-comb product of a cycle and a Hamiltonian graph. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2020, 130, 1.	0.1	1
68	H-Irregularity Strengths of Plane Graphs. Symmetry, 2021, 13, 229.	2.2	1
69	On H-antimagic decomposition of toroidal grids and triangulations. AKCE International Journal of Graphs and Combinatorics, 2020, 17, 761-770.	0.7	1
70	On Topological Indices of Multi-Walled Carbon Nanotubes. Journal of Computational and Theoretical Nanoscience, 2015, 12, 5705-5710.	0.4	1
71	On H-irregularity strengths of G-amalgamation of graphs. Electronic Journal of Graph Theory and Applications, 2017, 5, 325-334.	0.2	1
72	On edge H-irregularity strengths of some graphs. Discussiones Mathematicae - Graph Theory, 2019, , .	0.3	1

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73	Ladders and fan graphs are cycle-antimagic. , 0, , 1-14.	1.0	1
74	On cycle-irregularity strength of ladders and fan graphs. Electronic Journal of Graph Theory and Applications, 2020, 8, 181-194.	0.2	1
75	On total H-irregularity strength of the disjoint union of graphs. Discussiones Mathematicae - Graph Theory, 2020, 40, 181.	0.3	1
76	On Local Antimagic Vertex Coloring for Complete Full t-ary Trees. Fundamenta Informaticae, 2022, 185, 99-113.	0.4	1
77	In memoriam Emeritus Professor Mirka Miller 09-05-1949 : 02-01-2016. AKCE International Journal of Graphs and Combinatorics, 2016, 13, 210-211.	0.7	0
78	Face labelings of Klein-bottle fullerenes. Acta Mathematicae Applicatae Sinica, 2017, 33, 277-286.	0.7	0
79	Colourings of graphs by labellings. Electronic Notes in Discrete Mathematics, 2017, 60, 25-31.	0.4	0
80	Entire H-irregularity Strength of Plane Graphs. Lecture Notes in Computer Science, 2018, , 3-12.	1.3	0
81	Local Face Antimagic Evaluations and Coloring of Plane Graphs. Fundamenta Informaticae, 2020, 174, 103-119.	0.4	0
82	Local Inclusive Distance Vertex Irregular Graphs. Mathematics, 2021, 9, 1673.	2.2	0
83	On the Total Edge Irregularity Strength of Disjoint Union of Graphs. Acta Mechanica Slovaca, 2015, 19, 60-65.	0.1	0
84	On total edge product cordial labeling of fullerenes. Electronic Journal of Graph Theory and Applications, 2018, 6, 238-249.	0.2	0
85	Vertex-Antimagic Total Labelings. Developments in Mathematics, 2019, , 159-203.	0.4	0
86	Vertex-Magic Total Labelings. Developments in Mathematics, 2019, , 89-116.	0.4	0
87	Edge-Antimagic Total Labelings. Developments in Mathematics, 2019, , 205-271.	0.4	0
88	Graceful and Antimagic Labelings. Developments in Mathematics, 2019, , 273-297.	0.4	0
89	Edge-Magic Total Labelings. Developments in Mathematics, 2019, , 117-157.	0.4	0
90	Magic and Supermagic Graphs. Developments in Mathematics, 2019, , 5-88.	0.4	0

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91	Computation of edge C_4-irregularity strength of Cartesian product of graphs. Journal of Discrete Mathematical Sciences and Cryptography, 0, , 1-8.	0.8	0
92	Total Irregularity Strengths of a Disjoint Union of (4,6)-Fullerene Graphs. Polycyclic Aromatic Compounds, 0, , 1-19.	2.6	0