

# Walter Carballosa

## List of Publications by Year in descending order

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22  
papers

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citations

1478505

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h-index

1281871

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g-index

22  
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22  
docs citations

22  
times ranked

35  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Hyperbolicity Constant of Line Graphs. <i>Electronic Journal of Combinatorics</i> , 2011, 18, .	0.4	26
2	Regularity and planarity of token graphs. <i>Discussiones Mathematicae - Graph Theory</i> , 2017, 37, 573.	0.3	14
3	Hyperbolicity in the corona and join of graphs. <i>Aequationes Mathematicae</i> , 2015, 89, 1311-1327.	0.8	12
4	Gromov Hyperbolicity in Strong Product Graphs. <i>Electronic Journal of Combinatorics</i> , 2013, 20, .	0.4	11
5	Distortion of the Hyperbolicity Constant of a Graph. <i>Electronic Journal of Combinatorics</i> , 2012, 19, .	0.4	10
6	On the hyperbolicity of edge-chordal and path-chordal graphs. <i>Filomat</i> , 2016, 30, 2599-2607.	0.5	9
7	Relations between the general sum connectivity index and the line graph. <i>Journal of Mathematical Chemistry</i> , 2020, 58, 2273-2290.	1.5	6
8	Distortion of the hyperbolicity constant in minor graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2014, 46, 57-64.	0.4	5
9	Relations between some topological indices and the line graph. <i>Journal of Mathematical Chemistry</i> , 2020, 58, 632-646.	1.5	5
10	Gromov hyperbolicity and convex tessellation graph. <i>Acta Mathematica Hungarica</i> , 2017, 151, 24-34.	0.5	4
11	f-Polynomial on Some Graph Operations. <i>Mathematics</i> , 2019, 7, 1074.	2.2	4
12	Distinctive power of the alliance polynomial for regular graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2014, 46, 313-320.	0.4	3
13	Planarity and Hyperbolicity in Graphs. <i>Graphs and Combinatorics</i> , 2015, 31, 1311-1324.	0.4	3
14	Exact defensive alliances in graphs. <i>Applied Mathematical Sciences</i> , 0, 7, 3673-3679.	0.1	3
15	On the Differential Polynomial of a Graph. <i>Acta Mathematica Sinica, English Series</i> , 2019, 35, 338-354.	0.6	2
16	Alliance polynomial of regular graphs. <i>Discrete Applied Mathematics</i> , 2017, 225, 22-32.	0.9	1
17	Hyperbolicity of Direct Products of Graphs. <i>Symmetry</i> , 2018, 10, 279.	2.2	1
18	On the Hyperbolicity Constant in Graph Minors. <i>Bulletin of the Iranian Mathematical Society</i> , 2018, 44, 481-503.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Gromov Hyperbolicity in the Cartesian Sum of Graphs. Bulletin of the Iranian Mathematical Society, 2018, 44, 837-856.	1.0	1
20	Gromov hyperbolicity in lexicographic product graphs. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2019, 129, 1.	0.1	1
21	Characterization of the hyperbolicity in the lexicographic product. Electronic Notes in Discrete Mathematics, 2014, 46, 97-104.	0.4	0
22	Generating function: multiple orthogonal polynomials. Applied Mathematical Sciences, 2016, 10, 761-772.	0.1	0