

Carlos A Alfaro

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

106
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1477746

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1372195

10
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22
all docs

22
docs citations

22
times ranked

47
citing authors

#	ARTICLE	IF	CITATIONS
1	On the sandpile group of the cone of a graph. <i>Linear Algebra and Its Applications</i> , 2012, 436, 1154-1176.	0.4	23
2	Graphs with two trivial critical ideals. <i>Discrete Applied Mathematics</i> , 2014, 167, 33-44.	0.5	11
3	Dimension reduction in principal component analysis for trees. <i>Computational Statistics and Data Analysis</i> , 2014, 74, 157-179.	0.7	11
4	Critical ideals of signed graphs with twin vertices. <i>Advances in Applied Mathematics</i> , 2017, 86, 99-131.	0.4	9
5	Small clique number graphs with three trivial critical ideals. <i>Special Matrices</i> , 2018, 6, 122-154.	0.2	8
6	Critical ideals, minimum rank and zero forcing number. <i>Applied Mathematics and Computation</i> , 2019, 358, 305-313.	1.4	7
7	Digraphs with at most one trivial critical ideal. <i>Linear and Multilinear Algebra</i> , 2018, 66, 2036-2048.	0.5	6
8	Distance ideals of graphs. <i>Linear Algebra and Its Applications</i> , 2020, 584, 127-144.	0.4	5
9	Graphs with real algebraic co-rank at most two. <i>Linear Algebra and Its Applications</i> , 2018, 556, 100-107.	0.4	4
10	The assignment problem revisited. <i>Optimization Letters</i> , 2022, 16, 1531-1548.	0.9	4
11	The Crossing Number of the Cone of a Graph. <i>SIAM Journal on Discrete Mathematics</i> , 2018, 32, 2080-2093.	0.4	3
12	On transversal and 2-packing numbers in uniform linear systems. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2020, 17, 335-341.	0.4	3
13	Enumeration of cospectral and coinvariant graphs. <i>Applied Mathematics and Computation</i> , 2021, 408, 126348.	1.4	3
14	Graphs with few trivial critical ideals. <i>Electronic Notes in Discrete Mathematics</i> , 2015, 50, 391-396.	0.4	2
15	On graphs with 2 trivial distance ideals. <i>Linear Algebra and Its Applications</i> , 2020, 597, 69-85.	0.4	2
16	The structure of sandpile groups of outerplanar graphs. <i>Applied Mathematics and Computation</i> , 2021, 395, 125861.	1.4	2
17	The Characterization of Graphs Whose Sandpile Group has Fixed Number of Generators. <i>Trends in Mathematics</i> , 2021, , 567-573.	0.1	1
18	Graphs with few trivial characteristic ideals. <i>Linear Algebra and Its Applications</i> , 2021, 615, 155-174.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Codeterminantal graphs. <i>Linear Algebra and Its Applications</i> , 2022, 650, 1-25.	0.4	1
20	Outperforming Several Heuristics for the Multidimensional Assignment Problem. , 2018, , .		0
21	The Crossing Number of the Cone of a Graph. <i>Lecture Notes in Computer Science</i> , 2016, , 427-438.	1.0	0