RosÃ¡rio Fernandes

List of Publications by Year
in descending order

42 papers	**150** citations	1478505 **6** h-index	1372567 **10** g-index
43 all docs	**43** docs citations	**43** times ranked	**51** citing authors

#	Article	IF	Citations
1	The inverse eigenvalue problem for Hermitian matrices whose graphs are cycles. Linear and Multilinear Algebra, 2009, 57, 673-682.	1.0	18
2	On the spectra of some graphs like weighted rooted trees. Linear Algebra and Its Applications, 2008, 428, 2654-2674.	0.9	13
3	The covering number of the elements of a matroid and generalized matrix functions. Linear Algebra and Its Applications, 1998, 271, 191-219.	0.9	11
4	Minimal matrices in the Bruhat order for symmetric (0,1)-matrices. Linear Algebra and Its Applications, 2017, 530, 160-184.	0.9	10
5	On the Bruhat order of labeled graphs. Discrete Applied Mathematics, 2019, 258, 49-64.	0.9	9
6	Efficiency of the principal eigenvector of some triple perturbed consistent matrices. European Journal of Operational Research, 2022, 298, 1007-1015.	5.7	9
7	Multiplicities of distance Laplacian eigenvalues and forbidden subgraphs. Linear Algebra and Its Applications, 2018, 541, 81-93.	0.9	8
8	Classes of (0,1)-matrices Where the Bruhat Order and the Secondary Bruhat Order Coincide. Order, 2020, 37, 207-221.	0.5	6
9	The covering number of elements of a matroid and associated transformations. Linear Algebra and Its Applications, 1999, 298, 51-71.	0.9	5
10	On the term rank partition. Linear Algebra and Its Applications, 2014, 458, 134-148.	0.9	5
11	On the covering number of a matroid element. Linear Algebra and Its Applications, 2001, 337, 21-35.	0.9	4
12	The minimum rank of matrices and the equivalence class graph. Linear Algebra and Its Applications, 2007, 427, 161-170.	0.9	4
13	The number of P-vertices in a matrix with maximum nullity. Linear Algebra and Its Applications, 2018, 547, 168-182.	0.9	4
14	On a conjecture concerning the Bruhat order. Linear Algebra and Its Applications, 2020, 600, 82-95.	0.9	4
15	Efficient vectors for simple perturbed consistent matrices. International Journal of Approximate Reasoning, 2021, 139, 54-68.	3.3	4
16	Covering numbers under small perturbations. Linear Algebra and Its Applications, 2002, 350, 105-124.	0.9	3
17	Matrices in $\mathcal{A}(R,S)$ ... Applications, 2020, 586, 239-261.	0.9	3
18	The Bruhat order on classes of isotopic Latin squares. Portugaliae Mathematica, 2020, 77, 111-131.	0.4	3

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19	Reciprocal matrices: properties and approximation by a transitive matrix. Computational and Applied Mathematics, 2020, 39, 1.	2.2	3
20	Extremal matrices for the Bruhat-graph order. Linear and Multilinear Algebra, 2021, 69, 1255-1274.	1.0	3
21	Matrices that preserve the value of the generalized matrix function of the upper triangular matrices. Linear Algebra and Its Applications, 2005, 401, 47-65.	0.9	2
22	On the maximum multiplicity of an eigenvalue in a matrix whose graph contains exactly one cycle. Linear Algebra and Its Applications, 2007, 422, 1-16.	0.9	2
23	Small perturbations and pairs of matrices that have the same immanent. Linear and Multilinear Algebra, 2010, 58, 977-991.	1.0	2
24	Sets of Parter vertices which are Parter sets. Linear Algebra and Its Applications, 2014, 448, 37-54.	0.9	2
25	Computing the degree of a vertex in the skeleton of acyclic Birkhoff polytopes. Linear Algebra and Its Applications, 2015, 475, 119-133.	0.9	2
26	On the little secondary Bruhat order. Electronic Journal of Linear Algebra, 2021, 37, 113-126.	0.6	2
27	On the kernel of the derivation operator. Linear Algebra and Its Applications, 2001, 337, 121-138.	0.9	1
28	On the powers of a vectorial matroid â€" an equivalence relation. Linear Algebra and Its Applications, 2004, 381, 77-95.	0.9	1
29	Rank partitions and covering numbers under small perturbations of an element. Linear and Multilinear Algebra, 2009, 57, 387-398.	1.0	1
30	Decomposable <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi>Î»</mml:mi></mml:mrow></mml:math>-critical tensors. Linear Algebra and Its Applications, 2010, 433, 297-317.	0.9	1
31	Location of the eigenvalues of weighted graphs with a cut edge. Linear and Multilinear Algebra, 2010, 58, 305-322.	1.0	1
32	The Multilinear Algebra of JosÃ© Dias da Silva and the Portuguese school of mathematics. Linear Algebra and Its Applications, 2012, 436, 1545-1561.	0.9	1
33	An extension of Brualdiâ€™s algorithm for the construction of <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:mn>0</mml:mn><mml:mo>,</mml:mo><mml:mn>1</mml:mn><mml:mi with prescribed row and column sum vectors. Discrete Mathematics, 2013, 313, 2365-2379.	0.7	1
34	Maximal doubly stochastic matrix centralizers. Linear Algebra and Its Applications, 2017, 532, 387-396.	0.9	1
35	On the inverse eigenvalue problems: the case of superstars. Electronic Journal of Linear Algebra, 0, 18, .	0.6	1
36	Pairs of matrices that preserve the value of a generalized matrix function on the set of the upper triangular matrices. Linear Algebra and Its Applications, 2010, 433, 1336-1347.	0.9	0

#	Article	IF	Citations
37	On pairs of matrices that satisfy certain polynomial identities. Linear Algebra and Its Applications, 2012, 436, 1589-1605.	0.9	0
38	The maximum multiplicity and the two largest multiplicities of eigenvalues in a Hermitian matrix whose graph is a tree. Special Matrices, 2015, 3, .	0.5	0
39	A canonical construction for nonnegative integral matrices with given line sums. Linear Algebra and Its Applications, 2015, 484, 304-321.	0.9	0
40	On the matrices that preserve the value of the immanant of the upper triangular matrices. Operators and Matrices, 2010, , 77-101.	0.3	0
41	Semilinear preservers of the immanants in the set of the doubly stochastic matrices. Electronic Journal of Linear Algebra, 0, 32, 76-97.	0.6	0
42	On certain trees with the same degree sequence. Discrete Applied Mathematics, 2022, 321, 138-146.	0.9	0