

Julio Moro

List of Publications by Year in descending order

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26
papers

508
citations

759233

12
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Lidskii–Vishik–Lyusternik Perturbation Theory for Eigenvalues of Matrices with Arbitrary Jordan Structure. <i>SIAM Journal on Matrix Analysis and Applications</i> , 1997, 18, 793-817.	1.4	118
2	Low Rank Perturbation of Jordan Structure. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2003, 25, 495-506.	1.4	51
3	Perturbation Theory for Hamiltonian Matrices and the Distance to Bounded-Realness. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2011, 32, 484-514.	1.4	46
4	Negativity compensation in the nonnegative inverse eigenvalue problem. <i>Linear Algebra and Its Applications</i> , 2004, 393, 73-89.	0.9	36
5	Low Rank Perturbation of Weierstrass Structure. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2008, 30, 538-547.	1.4	35
6	An Orthogonal High Relative Accuracy Algorithm for the Symmetric Eigenproblem. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2003, 25, 301-351.	1.4	29
7	Symmetric nonnegative realization of spectra. <i>Electronic Journal of Linear Algebra</i> , 0, 16, .	0.6	27
8	On nonnegative matrices similar to positive matrices. <i>Linear Algebra and Its Applications</i> , 1997, 266, 365-379.	0.9	19
9	Structured Hölder Condition Numbers for Multiple Eigenvalues. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2009, 31, 175-201.	1.4	19
10	On the comparison of some realizability criteria for the real nonnegative inverse eigenvalue problem. <i>Linear Algebra and Its Applications</i> , 2005, 396, 223-241.	0.9	18
11	A unified view on compensation criteria in the real nonnegative inverse eigenvalue problem. <i>Linear Algebra and Its Applications</i> , 2008, 428, 2574-2584.	0.9	17
12	First order spectral perturbation theory of square singular matrix pencils. <i>Linear Algebra and Its Applications</i> , 2008, 429, 548-576.	0.9	17
13	Weyl-type relative perturbation bounds for eigensystems of Hermitian matrices. <i>Linear Algebra and Its Applications</i> , 2000, 309, 3-18.	0.9	16
14	First Order Eigenvalue Perturbation Theory and the Newton Diagram. , 2002, , 143-175.		13
15	Accurate Factorization and Eigenvalue Algorithms for Symmetric DSTU and TSC Matrices. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2006, 28, 1173-1198.	1.4	12
16	Reduced stability of parameter-dependent matrices. <i>Linear Algebra and Its Applications</i> , 1998, 268, 289-321.	0.9	6
17	A Note on Multiplicative Backward Errors of Accurate SVD Algorithms. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2004, 25, 1021-1031.	1.4	5
18	On the Distributional Fourier Duality and Its Applications. <i>Journal of Mathematical Analysis and Applications</i> , 1998, 227, 43-54.	1.0	4

#	ARTICLE	IF	CITATIONS
19	First Order Asymptotic Expansions for Eigenvalues of Multiplicatively Perturbed Matrices. SIAM Journal on Matrix Analysis and Applications, 2016, 37, 1478-1504.	1.4	4
20	Directional algorithms for the frequency isolation problem in undamped vibrational systems. Mechanical Systems and Signal Processing, 2016, 75, 11-26.	8.0	4
21	First Order Structure-Preserving Perturbation Theory for Eigenvalues of Symplectic Matrices. SIAM Journal on Matrix Analysis and Applications, 2020, 41, 657-690.	1.4	4
22	On the boundary of the set of real spectra of nonnegative matrices. Linear Algebra and Its Applications, 1998, 278, 287-293.	0.9	3
23	Perturbation Theory for Simultaneous Bases of Singular Subspaces. BIT Numerical Mathematics, 2002, 42, 84-109.	2.0	1
24	First order structured perturbation theory for multiple zero eigenvalues of skew-adjoint matrices. Linear Algebra and Its Applications, 2015, 464, 3-27.	0.9	1
25	Preface to the 14th ILAS Conference Proceedings Shanghai 2007. Linear Algebra and Its Applications, 2009, 430, 1441.	0.9	0
26	A characterization of trace-zero sets realizable by compensation in the SNIEP. Linear Algebra and Its Applications, 2021, 615, 42-76.	0.9	0