Nir Cohen

List of Publications by Year
in descending order

19	234	933447	996975
papers	citations	10	15
		h-index	g-index
19	19	19	85
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Convex invertible cones and the Lyapunov equation. Linear Algebra and Its Applications, 1997, 250, 105-131.	0.9	42
2	Image restoration by a novel method of parallel projection onto constraint sets. Optics Letters, 1995, 20, 1172.	3.3	30
3	A Projection-Based Algorithm for Consistent and Inconsistent Constraints. SIAM Journal on Optimization, 1997, 7, 527-546.	2.0	19
4	Convex invertible cones of state space systems. Mathematics of Control, Signals, and Systems, 1997, 10, 265-286.	2.3	18
5	A pair of matrices sharing common Lyapunov solutionsâ€"A closer look. Linear Algebra and Its Applications, 2003, 360, 83-104.	0.9	18
6	Inertias of Block Band Matrix Completions. SIAM Journal on Matrix Analysis and Applications, 1998, 19, 583-612.	1.4	17
7	Maximal rank Hermitian completions of partially specified hermitian matrices. Linear Algebra and Its Applications, 1996, 244, 265-276.	0.9	14
8	Convex invertible cones and positive real analytic functions. Linear Algebra and Its Applications, 2007, 425, 797-813.	0.9	13
9	Exponential stability of triangular differential inclusion systems. Systems and Control Letters, 1997, 30, 159-164.	2.3	11
10	Generalized projection algorithms with applications to optics and signal restoration. Optics Communications, 1998, 156, 77-91.	2.1	10
11	The Lyapunov order for real matrices. Linear Algebra and Its Applications, 2009, 430, 1849-1866.	0.9	10
12	(1, 2)-SYMPLECTIC METRICS, FLAG MANIFOLDS AND TOURNAMENTS. Bulletin of the London Mathematical Society, 2002, 34, 641-649.	0.8	9
13	Summed squared distance error reduction by simultaneous multiprojections and applications. Applied Mathematics and Computation, 2002, 126, 157-179.	2.2	8
14	A characterization of convex cones of matrices with constant regular inertia. Linear Algebra and Its Applications, 2000, 318, 23-33.	0.9	6
15	f-Structures on the classical flag manifold which admit (1,2)-symplectic metrics. Tohoku Mathematical Journal, 2005, 57, .	0.2	5
16	2 Ã— 2 monic irreducible matrix polynomials. Linear and Multilinear Algebra, 1988, 23, 325-331.	1.0	2
17	On Spherical Convergence, Convexity, and Block Iterative Projection Algorithms in Hilbert Space. Journal of Mathematical Analysis and Applications, 1998, 226, 271-291.	1.0	2
18	A geometrical problem arising in a signal restoration algorithm. Journal of Fourier Analysis and Applications, 1998, 4, 643-650.	1.0	0

#	Article	IF	Citations
19	Symmetric completions of cycles and bipartite graphs. Linear Algebra and Its Applications, 2021, 614, 164-175.	0.9	0