

# Nir Cohen

## List of Publications by Year in descending order

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19  
papers

234  
citations

933447

10  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetric completions of cycles and bipartite graphs. <i>Linear Algebra and Its Applications</i> , 2021, 614, 164-175.	0.9	0
2	The Lyapunov order for real matrices. <i>Linear Algebra and Its Applications</i> , 2009, 430, 1849-1866.	0.9	10
3	Convex invertible cones and positive real analytic functions. <i>Linear Algebra and Its Applications</i> , 2007, 425, 797-813.	0.9	13
4	$\mathbb{S}$ -Structures on the classical flag manifold which admit (1,2)-symplectic metrics. <i>Tohoku Mathematical Journal</i> , 2005, 57, .	0.2	5
5	A pair of matrices sharing common Lyapunov solutionsâ€”A closer look. <i>Linear Algebra and Its Applications</i> , 2003, 360, 83-104.	0.9	18
6	(1, 2)-SYMPLECTIC METRICS, FLAG MANIFOLDS AND TOURNAMENTS. <i>Bulletin of the London Mathematical Society</i> , 2002, 34, 641-649.	0.8	9
7	Summed squared distance error reduction by simultaneous multiprojections and applications. <i>Applied Mathematics and Computation</i> , 2002, 126, 157-179.	2.2	8
8	A characterization of convex cones of matrices with constant regular inertia. <i>Linear Algebra and Its Applications</i> , 2000, 318, 23-33.	0.9	6
9	Generalized projection algorithms with applications to optics and signal restoration. <i>Optics Communications</i> , 1998, 156, 77-91.	2.1	10
10	On Spherical Convergence, Convexity, and Block Iterative Projection Algorithms in Hilbert Space. <i>Journal of Mathematical Analysis and Applications</i> , 1998, 226, 271-291.	1.0	2
11	A geometrical problem arising in a signal restoration algorithm. <i>Journal of Fourier Analysis and Applications</i> , 1998, 4, 643-650.	1.0	0
12	Inertias of Block Band Matrix Completions. <i>SIAM Journal on Matrix Analysis and Applications</i> , 1998, 19, 583-612.	1.4	17
13	A Projection-Based Algorithm for Consistent and Inconsistent Constraints. <i>SIAM Journal on Optimization</i> , 1997, 7, 527-546.	2.0	19
14	Convex invertible cones and the Lyapunov equation. <i>Linear Algebra and Its Applications</i> , 1997, 250, 105-131.	0.9	42
15	Convex invertible cones of state space systems. <i>Mathematics of Control, Signals, and Systems</i> , 1997, 10, 265-286.	2.3	18
16	Exponential stability of triangular differential inclusion systems. <i>Systems and Control Letters</i> , 1997, 30, 159-164.	2.3	11
17	Maximal rank Hermitian completions of partially specified hermitian matrices. <i>Linear Algebra and Its Applications</i> , 1996, 244, 265-276.	0.9	14
18	Image restoration by a novel method of parallel projection onto constraint sets. <i>Optics Letters</i> , 1995, 20, 1172.	3.3	30

#	ARTICLE	IF	CITATIONS
19	2 $\times$ 2 monic irreducible matrix polynomials. Linear and Multilinear Algebra, 1988, 23, 325-331.	1.0	2