Thomas Huckle

List of Publications by Year
in descending order

17 papers	**668** citations	**8** h-index (1163117)	**15** g-index (996975)
17 all docs	**17** docs citations	**17** times ranked	**329** citing authors

#	Article	IF	Citations
1	Image deblurring by sparsity constraint on the Fourier coefficients. Numerical Algorithms, 2016, 72, 341-361.	1.9	9
2	Data Based Regularization Matrices for the Tikhonov-Phillips Regularization. Proceedings in Applied Mathematics and Mechanics, 2012, 12, 643-644.	0.2	4
3	Multigrid solution techniques for anisotropic structured linear systems. Applied Numerical Mathematics, 2008, 58, 407-421.	2.1	6
4	Multigrid methods for anisotropic BTTB systems. Linear Algebra and Its Applications, 2006, 417, 314-334.	0.9	10
5	Preconditioning strategies for non-Hermitian Toeplitz linear systems. Numerical Linear Algebra With Applications, 2005, 12, 211-220.	1.6	16
6	Preconditioning Strategies for Hermitian Indefinite Toeplitz Linear Systems. SIAM Journal of Scientific Computing, 2004, 25, 1633-1654.	2.8	8
7	The Spectra of Preconditioned Toeplitz Matrix Sequences Can Have Gaps. SIAM Journal on Matrix Analysis and Applications, 2004, 25, 930-946.	1.4	1
8	Parallel Preconditioning with Sparse Approximate Inverses. SIAM Journal of Scientific Computing, 1997, 18, 838-853.	2.8	450
9	PVM-implementation of sparse approximate inverse preconditioned for solving large sparse linear equations. Lecture Notes in Computer Science, 1996, , 166-173.	1.3	0
10	Iterative methods for ill-conditioned Toeplitz matrices. Calcolo, 1996, 33, 177-190.	1.1	12
11	Fast transforms for tridiagonal linear equations. BIT Numerical Mathematics, 1994, 34, 99-112.	2.0	18
12	A restricted signature normal form for Hermitian matrices, quasi-spectral decompositions, and applications. Linear Algebra and Its Applications, 1993, 184, 165-186.	0.9	0
13	Some Aspects of Circulant Preconditioners. SIAM Journal of Scientific Computing, 1993, 14, 531-541.	2.8	22
14	Circulant and Skewcirculant Matrices for Solving Toeplitz Matrix Problems. SIAM Journal on Matrix Analysis and Applications, 1992, 13, 767-777.	1.4	100
15	A note on skewcirculant preconditioners for elliptic problems. Numerical Algorithms, 1992, 2, 279-286.	1.9	7
16	On H-contractions and the extension problem for hermitian block toeplitz matrices. Linear and Multilinear Algebra, 1989, 25, 27-37.	1.0	3
17	An extension problem for H-unitary matrices with applications to Hermitian Toeplitz matrices. Linear Algebra and Its Applications, 1988, 108, 213-230.	0.9	2