

Fei Xue

List of Publications by Year in descending order

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13
papers

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1307594

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citing authors

#	ARTICLE	IF	CITATIONS
1	Local convergence analysis of several inexact Newton-type algorithms for general nonlinear eigenvalue problems. <i>Numerische Mathematik</i> , 2013, 123, 333-362.	1.9	22
2	Fast inexact subspace iteration for generalized eigenvalue problems with spectral transformation. <i>Linear Algebra and Its Applications</i> , 2011, 435, 601-622.	0.9	21
3	Convergence Analysis of Iterative Solvers in Inexact Rayleigh Quotient Iteration. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2010, 31, 877-899.	1.4	19
4	Generalized Preconditioned Locally Harmonic Residual Method for Non-Hermitian Eigenproblems. <i>SIAM Journal of Scientific Computing</i> , 2016, 38, A500-A527.	2.8	17
5	Efficient Preconditioned Inner Solves For Inexact Rayleigh Quotient Iteration And Their Connections To The Single-Vector Jacobiâ€“Davidson Method. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2011, 32, 993-1018.	1.4	16
6	Fast Inexact Implicitly Restarted Arnoldi Method for Generalized Eigenvalue Problems with Spectral Transformation. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2012, 33, 433-459.	1.4	13
7	Preconditioned eigensolvers for large-scale nonlinear Hermitian eigenproblems with variational characterizations. I. Extreme eigenvalues. <i>Mathematics of Computation</i> , 2016, 85, 2887-2918.	2.1	9
8	Preconditioned Eigensolvers for Large-Scale Nonlinear Hermitian Eigenproblems with Variational Characterizations. II. Interior Eigenvalues. <i>SIAM Journal of Scientific Computing</i> , 2015, 37, A2969-A2997.	2.8	7
9	Local convergence of Newton-like methods for degenerate eigenvalues of nonlinear eigenproblems. I. Classical algorithms. <i>Numerische Mathematik</i> , 2015, 129, 353-381.	1.9	7
10	Short-Term Recurrence Krylov Subspace Methods for Nearly Hermitian Matrices. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2012, 33, 480-500.	1.4	4
11	Local convergence of Newton-like methods for degenerate eigenvalues of nonlinear eigenproblems: II. Accelerated algorithms. <i>Numerische Mathematik</i> , 2015, 129, 383-403.	1.9	4
12	A Block Preconditioned Harmonic Projection Method for Large-Scale Nonlinear Eigenvalue Problems. <i>SIAM Journal of Scientific Computing</i> , 2018, 40, A1809-A1835.	2.8	3
13	Inexact rational Krylov subspace method for eigenvalue problems. <i>Numerical Linear Algebra With Applications</i> , 2022, 29, .	1.6	1