Yiqin Lin

List of Publications by Year
in descending order

17	140	1307594	1199594
papers	citations	7	12
		h-index	g-index

17	17	17	121
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Residual-Based Simpler Block GMRES for Nonsymmetric Linear Systems with Multiple Right-Hand Sides. Advances in Mathematical Physics, 2018, 2018, 1-12.	0.8	1
2	A direct method for solving projected generalized continuous-time Sylvester equations. Journal of Control Theory and Applications, 2012, 10, 319-324.	0.8	2
3	Perturbation analysis of the generalized Sylvester equation and the generalized Lyapunov equation. International Journal of Computer Mathematics, 2011, 88, 408-420.	1.8	2
4	Model-order reduction of kth order MIMO dynamical systems using block kth order Krylov subspaces. International Journal of Computer Mathematics, 2011, 88, 150-162.	1.8	2
5	On the loss of orthogonality in the second-order Arnoldi process. Journal of Applied Mathematics and Computing, 2011, 35, 475-482.	2.5	1
6	Model-order reduction of large-scale kth-order linear dynamical systems via a kth-order Arnoldi method. International Journal of Computer Mathematics, 2010, 87, 435-453.	1.8	17
7	On an inexact Uzawa-type algorithm for stabilized saddle point problems. International Journal of Computer Mathematics, 2010, 87, 2945-2952.	1.8	1
8	Matrix Sign Function Methods for Solving Projected Generalized Continuous-Time Sylvester Equations. IEEE Transactions on Automatic Control, 2010, 55, 2629-2634.	5.7	23
9	Restarted generalized Krylov subspace methods for solving large-scale polynomial eigenvalue problems. Numerical Algorithms, 2009, 50, 17-32.	1.9	6
10	Analysis of the nonlinear Uzawa algorithm for symmetric saddle point problems. International Journal of Computer Mathematics, 2009, 86, 598-605.	1.8	1
11	Normwise, mixed and componentwise condition numbers of nonsymmetric algebraic Riccati equations. Journal of Applied Mathematics and Computing, 2008, 27, 137-147.	2.5	5
12	Convergence analysis of the Newton–Shamanskii method for a nonsymmetric algebraic Riccati equation. Numerical Linear Algebra With Applications, 2008, 15, 535-546.	1.6	10
13	Model-order reduction of large-scale second-order MIMO dynamical systems via a block second-order Arnoldi method. International Journal of Computer Mathematics, 2007, 84, 1003-1019.	1.8	14
14	Condition Numbers of the Generalized Sylvester Equation. IEEE Transactions on Automatic Control, 2007, 52, 2380-2385.	5.7	26
15	On the convergence of iterative methods for stabilized saddle point problems. International Journal of Computer Mathematics, 2007, 84, 421-426.	1.8	2
16	A note on constraint preconditioners for nonsymmetric saddle point problems. Numerical Linear Algebra With Applications, 2007, 14, 659-664.	1.6	11
17	A model-order reduction method based on Krylov subspaces for mimo bilinear dynamical systems. Journal of Applied Mathematics and Computing, 2007, 25, 293-304.	2.5	16