

Chuanqing Gu

List of Publications by Year in descending order

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all docs

38
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38
times ranked

146
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Several relaxed iteration methods for computing PageRank. Journal of Computational and Applied Mathematics, 2021, 388, 113295. | 2.0 | 9 |
| 2 | A shift and invert reorthogonalization Arnoldi algorithm for solving the chemical master equation. Applied Mathematics and Computation, 2019, 349, 1-13. | 2.2 | 6 |
| 3 | A GMRES-Power algorithm for computing PageRank problems. Journal of Computational and Applied Mathematics, 2018, 343, 113-123. | 2.0 | 12 |
| 4 | The Tensor Padé-Type Approximant with Application in Computing Tensor Exponential Function. Journal of Function Spaces, 2018, 2018, 1-10. | 0.9 | 0 |
| 5 | A preprocessed multi-step splitting iteration for computing PageRank. Applied Mathematics and Computation, 2018, 338, 87-100. | 2.2 | 6 |
| 6 | A Triangle Algorithm of Padé-Type Approximant for Two-Dimensional Fredholm Integral Equations of the Second Kind. Mathematical Problems in Engineering, 2018, 2018, 1-9. | 1.1 | 0 |
| 7 | An Arnoldi-Inout method accelerated with a two-stage matrix splitting iteration for computing PageRank. Calcolo, 2017, 54, 857-879. | 1.1 | 4 |
| 8 | An Arnoldi-Inout algorithm for computing PageRank problems. Journal of Computational and Applied Mathematics, 2017, 309, 219-229. | 2.0 | 22 |
| 9 | An accelerated Jacobi-gradient based iterative algorithm for solving Sylvester matrix equations. Filomat, 2017, 31, 2381-2390. | 0.5 | 29 |
| 10 | A variant of the deteriorated PSS preconditioner for nonsymmetric saddle point problems. BIT Numerical Mathematics, 2016, 56, 587-604. | 2.0 | 21 |
| 11 | A class of generalized relaxed PSS preconditioners for generalized saddle point problems. Applied Mathematics Letters, 2016, 58, 125-132. | 2.7 | 1 |
| 12 | A two-step matrix splitting iteration for computing PageRank. Journal of Computational and Applied Mathematics, 2015, 278, 19-28. | 2.0 | 40 |
| 13 | Bivariate generalized inverse Newton-Thiele type matrix Padé approximation. Applied Mathematics and Computation, 2014, 236, 202-214. | 2.2 | 3 |
| 14 | A flexible CMRH algorithm for nonsymmetric linear systems. Journal of Applied Mathematics and Computing, 2014, 45, 43-61. | 2.5 | 5 |
| 15 | On the multi-splitting iteration method for computing PageRank. Journal of Applied Mathematics and Computing, 2013, 42, 479-490. | 2.5 | 15 |
| 16 | A New Algorithm to Approximate Bivariate Matrix Function via Newton-Thiele Type Formula. Journal of Applied Mathematics, 2013, 2013, 1-10. | 0.9 | 0 |
| 17 | A Polynomial Preconditioned Global CMRH Method for Linear Systems with Multiple Right-Hand Sides. Journal of Applied Mathematics, 2013, 2013, 1-7. | 0.9 | 1 |
| 18 | Fourth-order convergence theorem by using majorizing functions for super-Halley method in Banach spaces. International Journal of Computer Mathematics, 2013, 90, 423-434. | 1.8 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Semilocal convergence of a sixth-order method in Banach spaces. Numerical Algorithms, 2012, 61, 413-427. | 1.9 | 8 |
| 20 | Semilocal Convergence of a Class of Modified Super-Halley Methods in Banach Spaces. Journal of Optimization Theory and Applications, 2012, 153, 779-793. | 1.5 | 8 |
| 21 | Recurrence relations for semilocal convergence of a fifth-order method in Banach spaces. Numerical Algorithms, 2012, 59, 623-638. | 1.9 | 6 |
| 22 | Semilocal convergence of a multipoint fourth-order super-Halley method in Banach spaces. Numerical Algorithms, 2011, 56, 497-516. | 1.9 | 23 |
| 23 | Semilocal convergence of a sixth-order Jarratt method in Banach spaces. Numerical Algorithms, 2011, 57, 441-456. | 1.9 | 47 |
| 24 | The computation of the square roots of circulant matrices. Applied Mathematics and Computation, 2011, 217, 6819-6829. | 2.2 | 10 |
| 25 | Function-valued Pad \tilde{A} -type approximant via E-algorithm and its applications in solving integral equations. Applied Mathematics and Computation, 2011, 217, 7975-7984. | 2.2 | 2 |
| 26 | A new modified king-werner method solving nonlinear equations. , 2011, , . | | 0 |
| 27 | Semilocal Convergence for a Fifth-Order Newton's Method Using Recurrence Relations in Banach Spaces. Journal of Applied Mathematics, 2011, 2011, 1-15. | 0.9 | 6 |
| 28 | An algorithm for model reduction of large-scale systems via equality constrained least squares. , 2010, , . | | 2 |
| 29 | Computing the determinants of matrix Pad \tilde{A} approximation. Applied Mathematics and Computation, 2009, 214, 433-441. | 2.2 | 4 |
| 30 | Skew-symmetric methods for nonsymmetric linear systems with multiple right-hand sides. Journal of Computational and Applied Mathematics, 2009, 223, 567-577. | 2.0 | 11 |
| 31 | On the HSS iteration methods for positive definite Toeplitz linear systems. Journal of Computational and Applied Mathematics, 2009, 224, 709-718. | 2.0 | 12 |
| 32 | A two-dimensional matrix Pad \tilde{A} -type approximation in the inner product space. Journal of Computational and Applied Mathematics, 2009, 231, 680-695. | 2.0 | 3 |
| 33 | Function-valued Pad \tilde{A} -type approximant via the formal orthogonal polynomials and its applications in solving integral equations. Journal of Computational and Applied Mathematics, 2008, 221, 114-131. | 2.0 | 5 |
| 34 | The iterative methods for centrosymmetric matrices. Applied Mathematics and Computation, 2007, 187, 902-911. | 2.2 | 6 |
| 35 | Global SCD algorithm for real positive definite linear systems with multiple right-hand sides. Applied Mathematics and Computation, 2007, 189, 59-67. | 2.2 | 13 |
| 36 | Matrix Pad \tilde{A} -type approximant and directional matrix Pad \tilde{A} approximant in the inner product space. Journal of Computational and Applied Mathematics, 2004, 164-165, 365-385. | 2.0 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | A practical two-dimensional thiele-type matrix pade approximation. IEEE Transactions on Automatic Control, 2003, 48, 2259-2263. | 5.7 | 9 |
| 38 | Generalized inverse matrix Pad \tilde{A} approximation on the basis of scalar products. Linear Algebra and Its Applications, 2001, 322, 141-167. | 0.9 | 21 |