

# Zhongyun Liu

## List of Publications by Year in descending order

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18  
papers

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1684188

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1281871

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64  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trigonometric transform splitting methods for real symmetric Toeplitz systems. Computers and Mathematics With Applications, 2018, 75, 2782-2794.	2.7	27
2	The Jacobi and Gauss-Seidel-type iteration methods for the matrix equation $AX + B = C$ . Applied Mathematics and Computation, 2017, 292, 63-75.	2.2	25
3	The eigen-structures of real (skew) circulant matrices with some applications. Computational and Applied Mathematics, 2019, 38, 1.	2.2	12
4	The Shifted Classical Circulant and Skew Circulant Splitting Iterative Methods for Toeplitz Matrices. Canadian Mathematical Bulletin, 2017, 60, 807-815.	0.5	9
5	Progressive Iterative Approximation with Preconditioners. Mathematics, 2020, 8, 1503.	2.2	8
6	An inverse eigenvalue problem and an associated approximation problem for generalized K-centrohermitian matrices. Journal of Computational and Applied Mathematics, 2007, 206, 578-585.	2.0	7
7	On inexact alternating direction implicit iteration for continuous Sylvester equations. Numerical Linear Algebra With Applications, 2020, 27, e2320.	1.6	6
8	Some properties of generalized K-centrosymmetric H-matrices. Journal of Computational and Applied Mathematics, 2008, 215, 38-48.	2.0	5
9	Some remarks on Jacobi and Gauss-Seidel-type iteration methods for the matrix equation $AX + B = C$ . Applied Mathematics and Computation, 2019, 354, 305-307.	2.2	4
10	Total Variation for Image Restoration with Smooth Area Protection. Journal of Signal Processing Systems, 2010, 61, 271-277.	2.1	3
11	On inverse eigenvalue problems for block Toeplitz matrices with Toeplitz blocks. Applied Mathematics and Computation, 2010, 216, 1819-1830.	2.2	3
12	Fast solvers for tridiagonal Toeplitz linear systems. Computational and Applied Mathematics, 2020, 39, 1.	2.2	3
13	Stationary splitting iterative methods for the matrix equation $AX + B = C$ . Applied Mathematics and Computation, 2020, 370, 1251-1255.	2.2	3
14	Convergence of generalized relaxed multisplitting methods for symmetric positive definite matrices. Applied Numerical Mathematics, 2002, 42, 513-527.	2.1	1
15	The reconstruction of an hermitian toeplitz matrix with prescribed eigenpairs. Journal of Systems Science and Complexity, 2010, 23, 961-970.	2.8	1
16	The coupled iteration algorithms for computing PageRank. Numerical Algorithms, 0, , 1.	1.9	1
17	A general multi-step matrix splitting iteration method for computing PageRank. Filomat, 2021, 35, 679-706.	0.5	1
18	On circulant and skew-circulant splitting algorithms for (continuous) Sylvester equations. Computers and Mathematics With Applications, 2022, 109, 30-43.	2.7	1