

Fu-Rong Lin

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

269
citations

8
h-index

16
g-index

31
ext. papers

315
ext. citations

2.2
avg. IF

3.59
L-index

#	Paper	IF	Citations
30	Preconditioned iterative methods for fractional diffusion equation. <i>Journal of Computational Physics</i> , 2014 , 256, 109-117	4.1	75
29	A fast numerical solution method for two dimensional Fredholm integral equations of the second kind. <i>Applied Numerical Mathematics</i> , 2009 , 59, 1709-1719	2.5	40
28	Preconditioned Iterative Methods for Two-Dimensional Space-Fractional Diffusion Equations. <i>Communications in Computational Physics</i> , 2015 , 18, 469-488	2.4	34
27	A fast numerical solution method for two dimensional Fredholm integral equations of the second kind based on piecewise polynomial interpolation. <i>Applied Mathematics and Computation</i> , 2010 , 216, 3073-3088	2.7	20
26	Fast inversion of triangular Toeplitz matrices. <i>Theoretical Computer Science</i> , 2004 , 315, 511-523	1.1	19
25	Preconditioners for Wiener--Hopf Equations with High-Order Quadrature Rules. <i>SIAM Journal on Numerical Analysis</i> , 1997 , 34, 1418-1431	2.4	15
24	Inverse Toeplitz preconditioners for Hermitian Toeplitz systems. <i>Numerical Linear Algebra With Applications</i> , 2005 , 12, 221-229	1.6	11
23	The accuracy and stability of CN-WSGD schemes for space fractional diffusion equation. <i>Journal of Computational and Applied Mathematics</i> , 2020 , 363, 77-91	2.4	9
22	Application of high order numerical quadratures to numerical inversion of the Laplace transform. <i>Advances in Computational Mathematics</i> , 2012 , 36, 267-278	1.6	6
21	Preconditioners for block Toeplitz systems based on circulant preconditioners. <i>Numerical Algorithms</i> , 2001 , 26, 365-379	2.1	6
20	BTTB preconditioners for BTTB systems. <i>Numerical Algorithms</i> , 2012 , 60, 153-167	2.1	5
19	A fast stationary iterative method for a partial integro-differential equation in pricing options. <i>Calcolo</i> , 2013 , 50, 313-327	1.5	4
18	An explicit formula for the inverse of band triangular Toeplitz matrix. <i>Linear Algebra and Its Applications</i> , 2008 , 428, 520-534	0.9	4
17	Sinc Nyström Method for Singularly Perturbed Love's Integral Equation. <i>East Asian Journal on Applied Mathematics</i> , 2013 , 3, 48-58	4	3
16	Numerical methods based on rational variable substitution for Wiener-Hopf equations of the second kind. <i>Journal of Computational and Applied Mathematics</i> , 2012 , 236, 3528-3539	2.4	3
15	BTTB preconditioners for BTTB least squares problems. <i>Linear Algebra and Its Applications</i> , 2011 , 434, 2285-2295	0.9	3
14	Preconditioned conjugate gradient methods for the solution of Love's integral equation with very small parameter. <i>Journal of Computational and Applied Mathematics</i> , 2018 , 327, 295-305	2.4	2

13	A Runge-Kutta Gegenbauer spectral method for nonlinear fractional differential equations with Riesz fractional derivatives. <i>International Journal of Computer Mathematics</i> , 2019 , 96, 417-435	1.2	2
12	Conjugate Gradient Method for Estimation of Robin Coefficients. <i>East Asian Journal on Applied Mathematics</i> , 2014 , 4, 189-204	4	2
11	A weighted H1 seminorm regularization method for Fredholm integral equations of the first kind. <i>International Journal of Computer Mathematics</i> , 2014 , 91, 1012-1029	1.2	2
10	Crank-Nicolson-weighted-shifted-Grünwald-difference schemes for space Riesz variable-order fractional diffusion equations. <i>Numerical Algorithms</i> , 2021 , 87, 601-631	2.1	2
9	Inverse product Toeplitz preconditioners for non-Hermitian Toeplitz systems. <i>Numerical Algorithms</i> , 2010 , 54, 279-295	2.1	1
8	Discrete wavelet transforms for Toeplitz matrices. <i>Linear Algebra and Its Applications</i> , 2003 , 370, 269-285.	0.9	1
7	Estimation of a Regularisation Parameter for a Robin Inverse Problem. <i>East Asian Journal on Applied Mathematics</i> , 2017 , 7, 325-342	4	0
6	IRK-WSGD methods for space fractional diffusion equations. <i>Applied Numerical Mathematics</i> , 2021 , 164, 222-244	2.5	0
5	Banded Preconditioners for Riesz Space Fractional Diffusion Equations. <i>Journal of Scientific Computing</i> , 2021 , 86, 1	2.3	0
4	Stability and convergence of 3-point WSGD schemes for two-sided space fractional advection-diffusion equations with variable coefficients. <i>Applied Numerical Mathematics</i> , 2021 , 167, 281-307	2.5	0
3	A modified Nyström-Lenshaw-Curtis quadrature for integral equations with piecewise smooth kernels. <i>Applied Numerical Mathematics</i> , 2014 , 85, 77-89	2.5	
2	Fast Preconditioned Iterative Methods for Convolution-Type Integral Equations. <i>BIT Numerical Mathematics</i> , 2000 , 40, 336-350	1.7	
1	DNT preconditioner for one-sided space fractional diffusion equations. <i>BIT Numerical Mathematics</i> , 2021 , 61, 1311	1.7	