Eric Ngondiep

List of Publications by Year
in descending order

		1040056	1125743
15 papers	**159** citations	**9** h-index	**13** g-index
15 all docs	**15** docs citations	**15** times ranked	**41** citing authors

#	Article	IF	Citations
1	Spectral Features and Asymptotic Properties for <i>g</i>-Circulants and <i>g</i>-Toeplitz Sequences. SIAM Journal on Matrix Analysis and Applications, 2010, 31, 1663-1687.	1.4	27
2	Long time stability and convergence rate of MacCormack rapid solver method for nonstationary Stokesâ€"Darcy problem. Computers and Mathematics With Applications, 2018, 75, 3663-3684.	2.7	16
3	An efficient threeâ€level explicit timeâ€split scheme for solving twoâ€dimensional unsteady nonlinear coupled Burgers' equations. International Journal for Numerical Methods in Fluids, 2020, 92, 266-284.	1.6	16
4	Long time unconditional stability of a two-level hybrid method for nonstationary incompressible Navierâ€"Stokes equations. Journal of Computational and Applied Mathematics, 2019, 345, 501-514.	2.0	15
5	Stability analysis of MacCormack rapid solver method for evolutionary Stokesâ€"Darcy problem. Journal of Computational and Applied Mathematics, 2019, 345, 269-285.	2.0	15
6	A novel three-level time-split MacCormack scheme for two-dimensional evolutionary linear convection-diffusion-reaction equation with source term. International Journal of Computer Mathematics, 2021, 98, 47-74.	1.8	12
7	A robust numerical two-level second-order explicit approach to predicting the spread of Covid-2019 pandemic with undetected infectious cases. Journal of Computational and Applied Mathematics, 2022, 403, 113852.	2.0	11
8	A threeâ€level timeâ€split MacCormack method for twoâ€dimensional nonlinear reactionâ€diffusion equations. International Journal for Numerical Methods in Fluids, 2020, 92, 1681-1706.	1.6	10
9	Unconditional stability over long time intervals of a two-level coupled MacCormack/Crankâ€"Nicolson method for evolutionary mixed Stokes-Darcy model. Journal of Computational and Applied Mathematics, 2022, 409, 114148.	2.0	10
10	A two-level fourth-order approach for time-fractional convectionâ€"diffusionâ€"reaction equation with variable coefficients. Communications in Nonlinear Science and Numerical Simulation, 2022, 111, 106444.	3.3	10
11	A fourth-order two-level factored implicit scheme for solving two-dimensional unsteady transport equation with time-dependent dispersion coefficients. International Journal for Computational Methods in Engineering Science and Mechanics, 2021, 22, 253-264.	2.1	8
12	A note on the (regularizing) preconditioning of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si34.gif" display="inline" overflow="scroll"><mml:mi>g</mml:mi></mml:math>-Toeplitz sequences via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si35.gif" display="inline" overflow="scroll"><mml:mi>g</mml:mi></mml:math>-circulants. Journal of Computational and Applied Mathematics, 2012, 236, 2090-2111.	2.0	6
13	How to determine the eigenvalues of g-circulant matrices. Operators and Matrices, 2018, , 797-822.	0.3	2
14	Distribution in the sense of eigenvalues of <mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	0.4	1
15	Spectral Distribution in the Eigenvalues Sequence of Products of g-Toeplitz Structures. Numerical Mathematics, 2019, 12, 750-777.	1.3	0