

# Abubakar Sani Halilu

## List of Publications by Year in descending order

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13  
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#	ARTICLE	IF	CITATIONS
1	Modified Dai-Yuan iterative scheme for nonlinear systems and its application. Numerical Algebra, Control and Optimization, 2023, 13, 53-80.	1.6	8
2	A modified PRP-type conjugate gradient projection algorithm for solving large-scale monotone nonlinear equations with convex constraint. Journal of Computational and Applied Mathematics, 2022, 407, 114035.	2.0	8
3	Two new Hager-Zhang iterative schemes with improved parameter choices for monotone nonlinear systems and their applications in compressed sensing. RAIRO - Operations Research, 2022, 56, 239-273.	1.8	11
4	Motion control of the two joint planar robotic manipulators through accelerated Dai-Liao method for solving system of nonlinear equations. Engineering Computations, 2022, 39, 1802-1840.	1.4	11
5	Descent three-term DY-type conjugate gradient methods for constrained monotone equations with application. Computational and Applied Mathematics, 2022, 41, 1.	2.2	6
6	Modified matrix-free methods for solving system of nonlinear equations. Optimization, 2021, 70, 2321-2340.	1.7	20
7	Signal recovery with convex constrained nonlinear monotone equations through conjugate gradient hybrid approach. Mathematics and Computers in Simulation, 2021, 187, 520-539.	4.4	30
8	On solving double direction methods for convex constrained monotone nonlinear equations with image restoration. Computational and Applied Mathematics, 2021, 40, 1.	2.2	22
9	Inexact Double Step Length Method For Solving Systems Of Nonlinear Equations. Statistics, Optimization and Information Computing, 2020, 8, 165-174.	0.7	13
10	A Derivative-Free Decent Method Via Acceleration Parameter for Solving Systems of Nonlinear Equations. Open Journal of Science and Technology, 2019, 2, 1-4.	0.2	8
11	En enhanced matrix-free method via double step length approach for solving systems of nonlinear equations. International Journal of Applied Mathematical Research, 2017, 6, 147-156.	0.2	12
12	Adaptive three-term family of conjugate residual methods for system of monotone nonlinear equations. Sao Paulo Journal of Mathematical Sciences, 0, , 1.	0.4	3
13	A modified conjugate gradient parameter via hybridization approach for solving large-scale systems of nonlinear equations. SeMA Journal, 0, , 1.	2.0	3