Maulana Malik

List of Publications by Year
in descending order

17 papers	148 citations	1684188 5 h-index	1281871 11 g-index
18 all docs	18 docs citations	18 times ranked	25 citing authors

#	Article	IF	Citations
1	A hybrid conjugate gradient based approach for solving unconstrained optimization and motion control problems. Mathematics and Computers in Simulation, 2022, 201, 640-657.	4.4	25
2	A Spectral RMIL+ Conjugate Gradient Method for Unconstrained Optimization With Applications in Portfolio Selection and Motion Control. IEEE Access, 2021, 9, 75398-75414.	4.2	23
3	On three-term conjugate gradient method for optimization problems with applications on COVID-19 model and robotic motion control. , 2022, 2022, 1.		20
4	A hybrid FR-DY conjugate gradient algorithm for unconstrained optimization with application in portfolio selection. AIMS Mathematics, 2021, 6, 6506-6527.	1.6	19
5	A Liu-Storey-type conjugate gradient method for unconstrained minimization problem with application in motion control. Journal of King Saud University - Science, 2022, 34, 101923.	3.5	16
6	Solving unconstrained optimization problems via hybrid CD-DY conjugate gradient methods with applications. Journal of Computational and Applied Mathematics, 2022, 405, 113823.	2.0	13
7	A new hybrid conjugate gradient algorithm for optimization models and its application to regression analysis. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 23, 1100.	0.8	6
8	Mathematical modeling and numerical simulation of tuberculosis spread with diabetes effect. Journal of Physics: Conference Series, 2018, 1108, 012061.	0.4	5
9	The Performance Analysis of a New Modification of Conjugate Gradient Parameter for Unconstrained Optimization Models. Mathematics and Statistics, 2021, 9, 16-23.	0.4	4
10	The convergence properties of some descent conjugate gradient algorithms for optimization models. Journal of Mathematics and Computer Science, 2020, 22, 204-215.	1.0	4
11	Performance analysis of a modified Newton method for parameterized dual fuzzy nonlinear equations and its application. Results in Physics, 2022, 33, 105140.	4.1	4
12	Understanding HIV spread with vertical transmission through mathematical model. AIP Conference Proceedings, 2018, , .	0.4	3
13	A NEW HYBRID PRP-MMSIS CONJUGATE GRADIENT METHOD AND ITS APPLICATION IN PORTOFOLIO SELECTION. Jurnal Riset Dan Aplikasi Matematika (JRAM), 2021, 5, 47.	0.0	2
14	A NEW MODIFICATION OF NPRP CONJUGATE GRADIENT METHOD FOR UNCONSTRAINED OPTIMIZATION. Advances in Mathematics: Scientific Journal (discontinued), 2020, 9, 4955-4970.	0.2	2
15	Forecasting mortality rates of elderly in Indonesia using the first generalized Cairns-Blake-Dowd model. AIP Conference Proceedings, 2019, , .	0.4	0
16	Penyelesaian Persamaan Diferensial Lane Emden Index Nol dengan Metode Simetri Lie. Jurnal Riset Dan Aplikasi Matematika (JRAM), 2019, 3, 13.	0.0	0
17	Analisis Simetri Lie Persamaan Painleve Ince. Jurnal Matematika Integratif, 2019, 15, 45.	0.0	0