

Al-Bayati Abbas Y

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Method of Two New Augmented Lagrange Multiplier Versions for Solving Constrained Problems. International Journal of Mathematics and Mathematical Sciences, 2022, 2022, 1-6.	0.7	0
2	Show off the efficiency of dai-liao method in merging technology for monotonous non-linear problems. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 505.	0.8	3
3	A new modification of the quasi-newton method for unconstrained optimization. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 1683.	0.8	3
4	An adaptive search direction algorithm for the modified projection minimization optimization. IOP Conference Series: Materials Science and Engineering, 2021, 1152, 012019.	0.6	1
5	Parameter estimation of a truncated regression model based on improving numerical optimization algorithms. Journal of Physics: Conference Series, 2021, 1897, 012059.	0.4	0
6	An effective new iterative CG-method to solve unconstrained non-linear optimization issues. Telkomnika (Telecommunication Computing Electronics and Control), 2021, 19, 1847.	0.8	0
7	New Investigation for the Liu-Story Scaled Conjugate Gradient Method for Nonlinear Optimization. Journal of Mathematics, 2020, 2020, 1-12.	1.0	8
8	New multi-step three-term conjugate gradient algorithms with inexact line searches. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 19, 1564.	0.8	3
9	A New Hybrid Algorithm for Convex Nonlinear Unconstrained Optimization. Journal of Applied Mathematics, 2019, 2019, 1-6.	0.9	9
10	Spectral Three-Term Constrained Conjugate Gradient Algorithm for Function Minimizations. Journal of Applied Mathematics, 2019, 2019, 1-6.	0.9	10
11	An Efficient Modified Cuckoo Search Optimization with the Rational Barrier Function. International Journal of Mathematics and Computer Applications Research, 2018, 8, 13-24.	0.0	3
12	Two New Extended PR Conjugate Gradient Methods for Solving Nonlinear Minimization Problems. Journal of Education and Science, 2018, 27, 71-96.	0.1	0
13	Different Types of Three-Term CG-Methods with Sufficient Descent and Conjugacy Conditions. Journal of Zankoy Sulaimani - Part A, 2014, 16, 27-45.	0.1	0
14	A new self-scaling VM-algorithm for non-convex optimization, part 1. Journal of Education and Science, 2012, 25, 116-125.	0.1	0
15	A Modified Globally Convergent Self-Scaling BFGS Algorithm for Unconstrained Optimization. Journal of Education and Science, 2012, 25, 54-61.	0.1	4
16	Alternative rational technique to compute multi-objective linear programming problems. Journal of Education and Science, 2012, 25, 180-190.	0.1	0
17	New Scaled Sufficient Descent Conjugate Gradient Algorithm for Solving Unconstraint Optimization Problems. Journal of Computer Science, 2010, 6, 511-518.	0.6	2
18	A New Separable Logarithmic Algorithm for Non-Linear Optimization. Journal of Computer Science, 2010, 6, 498-505.	0.6	0

#	ARTICLE	IF	CITATIONS
19	A new self "scaling VM-algorithm with an adaptive line search. Journal of Education and Science, 2010, 23, 44-53.	0.1	0
20	On Limited Memory Self-Scaling VM-Algorithms for Unconstrained Optimization. Journal of Education and Science, 2010, 23, 93-107.	0.1	0
21	Modified shifted variable metric algorithms for solving unconstrained minimization problems. Journal of Education and Science, 2010, 23, 70-92.	0.1	0
22	Construction of Lacunary Sextic spline function Interpolation and their Applications. Journal of Education and Science, 2010, 23, 108-115.	0.1	1
23	A new Parallel VM algorithm for solving large scale optimizations problems. Journal of Education and Science, 2010, 23, 111-119.	0.1	0
24	A Modified Conjugate Gradient Formula for Back Propagation Neural Network Algorithm. Journal of Computer Science, 2009, 5, 849-856.	0.6	13
25	Residues of Complex Functions with Definite and Infinite Poles on X-axis. Journal of Mathematics and Statistics, 2009, 5, 152-158.	0.2	0
26	A New Three-Term Preconditioned Gradient memory Algorithm for Nonlinear Optimization Problems. Journal of Mathematics and Statistics, 2008, 4, 81-87.	0.2	0
27	A new self scaling PCG algorithm with dynamical retards. Journal of Education and Science, 2008, 21, 113-134.	0.1	0
28	A NEW HYBRID ALGORITHM FOR THE MODIFIED BARRIER FUNCTION FORM. Journal of Education and Science, 2008, 21, 131-148.	0.1	0
29	A PCG ALGORITHM FOR NON-LINEAR OPTIMIZATION BASED ON A QUADRATIC MODEL. Journal of Education and Science, 2006, 18, 88-101.	0.1	0
30	New Initial Parameter for the Constrained Optimization Method. AL-Rafidain Journal of Computer Sciences and Mathematics, 2006, 3, 61-68.	0.3	0
31	A Rational Triangle Function as a Model for a Conjugate Gradient Optimization Method.. AL-Rafidain Journal of Computer Sciences and Mathematics, 2006, 3, 43-54.	0.3	0
32	EPS & EPUS Step-size Control for Linear Multistep Method. AL-Rafidain Journal of Computer Sciences and Mathematics, 2006, 3, 31-39.	0.3	0
33	A Crank-Nicolson Method of Autocatalytic Reaction-Diffusion Systems. AL-Rafidain Journal of Computer Sciences and Mathematics, 2006, 3, 41-52.	0.3	0
34	Automatic Super-linear Self-Scaling VM-algorithm. AL-Rafidain Journal of Computer Sciences and Mathematics, 2005, 2, 39-52.	0.3	0
35	New Hybrid CG Algorithm Based on PR and FR Steps. AL-Rafidain Journal of Computer Sciences and Mathematics, 2005, 2, 27-38.	0.3	0
36	Modified the CG-Algorithm for Unconstrained Non-Linear Optimization by Using Oren's Update. AL-Rafidain Journal of Computer Sciences and Mathematics, 2005, 2, 11-19.	0.3	0

#	ARTICLE	IF	CITATIONS
37	The Finite Difference Methods for Hyperbolic & Parabolic Equations. AL-Rafidain Journal of Computer Sciences and Mathematics, 2005, 2, 57-71.	0.3	0
38	COMBINED NON-QUADRATIC MODELS AS A BASIS FOR CG-ALGORITHM. Al-maÇšallatî Al-Ê»irÄqiyyaá°– Li-l-Ê»ulÄ«m Al-ia¸á1¸al,,Ê34iyyatî, 2005, 5, 1-14.	0.2	0
39	Automatic Self-Scaling Strategies for VM Updates. AL-Rafidain Journal of Computer Sciences and Mathematics, 2004, 1, 54-64.	0.3	1
40	OSFESOR Code & The Delay Differential Equation Tool & Improving Delay Differential Equations Solver&. AL-Rafidain Journal of Computer Sciences and Mathematics, 2004, 1, 199-217.	0.3	0
41	On Upwind Galerkin Finite Element Method for Incompressible Flow of Contamination, from Nuclear Waste, in Porous Media. AL-Rafidain Journal of Computer Sciences and Mathematics, 2004, 1, 107-126.	0.3	1
42	The Derivation of Convergence Analysis for the Multistage Adomian Decomposition Method for solving the Autonomous Van der Pol system. Journal of Education and Science, 1999, 24, 133-148.	0.1	0
43	A new pair conjugate algorithm with an adaptive optimal step size. Journal of Education and Science, 1999, 24, 79-88.	0.1	0
44	Minimization of extended quadratic functions with inexact line searches. Journal of Optimization Theory and Applications, 1994, 82, 139-147.	1.5	6
45	A NUMERICAL PROCEDURE FOR THE SENSITIVITY ANALYSIS OF GENERALIZED GEOMETRIC PROGRAMMING PROBLEMS. Engineering Optimization, 1980, 5, 51-57.	2.6	3