

Abdelhameed M Nagy

List of Publications by Year in descending order

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444
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Numerical solutions for nonlinear multi-term fractional differential equations via Dickson operational matrix. International Journal of Computer Mathematics, 2022, 99, 1505-1515. | 1.8 | 3 |
| 2 | Some Weakly Singular Integral Inequalities and Their Applications to Tempered Fractional Differential Equations. Journal of Mathematics, 2022, 2022, 1-9. | 1.0 | 2 |
| 3 | New Result for the Analysis of Katugampola Fractional-Order Systemsâ€™Application to Identification Problems. Mathematics, 2022, 10, 1814. | 2.2 | 3 |
| 4 | Non-Standard Finite Difference Schemes for Solving Variable-Order Fractional Differential Equations. Differential Equations and Dynamical Systems, 2021, 29, 623-632. | 1.0 | 4 |
| 5 | A novel operational matrix for the numerical solution of nonlinear Laneâ€™Emden system of fractional order. Computational and Applied Mathematics, 2021, 40, 1. | 2.2 | 4 |
| 6 | Numerical solutions of fractional optimal control with Caputoâ€™Katugampola derivative. Advances in Difference Equations, 2021, 2021, . | 3.5 | 4 |
| 7 | On a new fractional-order Logistic model with feedback control. Applied Mathematics, 2021, 36, 390-402. | 1.0 | 3 |
| 8 | Analysis and numerical solution of the generalized proportional fractional Cauchy problem. Applied Numerical Mathematics, 2021, 167, 173-186. | 2.1 | 9 |
| 9 | Combination Synchronization of Fractional Systems Involving the Caputoâ€™Hadamard Derivative. Mathematics, 2021, 9, 2781. | 2.2 | 4 |
| 10 | Finiteâ€™Time Stability of Linear Caputoâ€™Katugampola Fractionalâ€™Order Time Delay Systems. Asian Journal of Control, 2020, 22, 297-306. | 3.0 | 28 |
| 11 | Improved Quasiuniform Stability for Fractional Order Neural Nets with Mixed Delay. Mathematical Problems in Engineering, 2020, 2020, 1-7. | 1.1 | 18 |
| 12 | Finite-Time Stability for Caputoâ€™Katugampola Fractional-Order Time-Delayed Neural Networks. Neural Processing Letters, 2019, 50, 607-621. | 3.2 | 29 |
| 13 | Uniform asymptotic stability of a Logistic model with feedback control of fractional order and nonstandard finite difference schemes. Chaos, Solitons and Fractals, 2019, 123, 24-34. | 5.1 | 29 |
| 14 | An accurate numerical technique for solving two-dimensional time fractional order diffusion equation. International Journal of Modelling and Simulation, 2019, 39, 214-221. | 3.3 | 10 |
| 15 | Finiteâ€™time stability of linear fractionalâ€™order timeâ€™delay systems. International Journal of Robust and Nonlinear Control, 2019, 29, 180-187. | 3.7 | 42 |
| 16 | Numerical simulations for a variable order fractional cable equation. Acta Mathematica Scientia, 2018, 38, 580-590. | 1.0 | 11 |
| 17 | New Operational Matrix for Solving Multiterm Variable Order Fractional Differential Equations. Journal of Computational and Nonlinear Dynamics, 2018, 13, . | 1.2 | 20 |
| 18 | New Spectral Second Kind Chebyshev Wavelets Scheme for Solving Systems of Integro-Differential Equations. International Journal of Applied and Computational Mathematics, 2017, 3, 333-345. | 1.6 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Numerical solution of time fractional nonlinear Kleinâ€“Gordon equation using Sincâ€“Chebyshev collocation method. Applied Mathematics and Computation, 2017, 310, 139-148. | 2.2 | 38 |
| 20 | On the Numerical Treatment of a Coupled Nonlinear System of Fractional Differential Equations. Journal of Computational and Theoretical Nanoscience, 2017, 14, 1184-1189. | 0.4 | 2 |
| 21 | Numerical approach for solving space fractional order diffusion equations using shifted Chebyshev polynomials of the fourth kind. Turkish Journal of Mathematics, 2016, 40, 1283-1297. | 0.7 | 18 |
| 22 | Solving Time-Fractional Order Telegraph Equation Via Sincâ€“Legendre Collocation Method. Mediterranean Journal of Mathematics, 2016, 13, 5119-5133. | 0.8 | 26 |
| 23 | On the numerical solution of space fractional order diffusion equation via shifted Chebyshev polynomials of the third kind. Journal of King Saud University - Science, 2016, 28, 41-47. | 3.5 | 53 |
| 24 | Second kind shifted Chebyshev polynomials for solving space fractional order diffusion equation. Chaos, Solitons and Fractals, 2015, 73, 141-147. | 5.1 | 66 |
| 25 | A new mesh selection strategy with stiffness detection for explicit Rungeâ€“Kutta methods. Applied Mathematics and Computation, 2015, 255, 125-134. | 2.2 | 7 |
| 26 | Solving Volterra integro-differential equations by variable stepsize block BS methods: Properties and implementation techniques. Applied Mathematics and Computation, 2014, 239, 198-210. | 2.2 | 1 |
| 27 | An efficient method for solving fractional Hodgkinâ€“Huxley model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1980-1984. | 2.1 | 55 |
| 28 | Algorithm 927. ACM Transactions on Mathematical Software, 2013, 39, 1-12. | 2.9 | 22 |
| 29 | Numerical solution of two-sided space-fractional wave equation using finite difference method. Journal of Computational and Applied Mathematics, 2011, 235, 2832-2841. | 2.0 | 119 |
| 30 | Stiffness Detection Strategy for Explicit Runge Kutta Methods. AIP Conference Proceedings, 2010, , . | 0.4 | 4 |
| 31 | An efficient dynamical systems method for solving singularly perturbed integral equations with noise. Computers and Mathematics With Applications, 2009, 58, 1418-1424. | 2.7 | 5 |