Adel R Hadhoud

List of Publications by Year
in descending order

18 papers	265 citations	1163117 8 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	204 citing authors

#	Article	IF	Citations
1	Computational Solution of the Time-Fractional Schrödinger Equation by Using Trigonometric B-Spline Collocation Method. Fractal and Fractional, 2022, 6, 127.	3.3	8
2	A fractional-order mathematical model for analyzing the pandemic trend of COVID-19. Mathematical Methods in the Applied Sciences, 2022, 45, 4625-4642.	2.3	15
3	A new structure to n-dimensional trigonometric cubic B-spline functions for solving n-dimensional partial differential equations. Advances in Difference Equations, 2021, 2021, .	3.5	3
4	Non-polynomial B-spline and shifted Jacobi spectral collocation techniques to solve time-fractional nonlinear coupled Burgers' equations numerically. Advances in Difference Equations, 2021, 2021, .	3.5	13
5	Numerical treatment of the generalized time-fractional Huxley-Burgers' equation and its stability examination. Demonstratio Mathematica, 2021, 54, 436-451.	1.5	4
6	Evolutionary numerical approach for solving nonlinear singular periodic boundary value problems. Journal of Intelligent and Fuzzy Systems, 2020, 39, 7723-7731.	1.4	10
7	A Highly Efficient and Accurate Finite Iterative Method for Solving Linear Two-Dimensional Fredholm Fuzzy Integral Equations of the Second Kind Using Triangular Functions. Mathematical Problems in Engineering, 2020, 2020, 1-16.	1.1	1
8	New solitary wave solutions of a highly dispersive physical model. Results in Physics, 2020, 17, 103137.	4.1	5
9	A c ombination of Sylvester block sum and block matrix Kronecker map for explicit solutions of Sylvester system of matrix equations. Mathematical Methods in the Applied Sciences, 2019, 42, 7506-7516.	2.3	1
10	Solution of fractional Volterra–Fredholm integro-differential equations under mixed boundary conditions by using the HOBW method. Advances in Difference Equations, 2019, 2019, .	3.5	38
11	Application of Haar Wavelet Method for Solving the Nonlinear Fuzzy Integro-Differential Equations. Journal of Computational and Theoretical Nanoscience, 2019, 16, 365-372.	0.4	1
12	Hybrid Orthonormal Bernstein and Block-Pulse functions wavelet scheme for solving the 2D Bratu problem. Results in Physics, 2019, 12, 525-530.	4.1	34
13	Quintic Non-polynomial Spline Method for Solving the Time Fractional Biharmonic Equation. Applied Mathematics and Information Sciences, 2019, 13, 507-513.	0.5	12
14	New exact solitary wave solutions for the extended (3+1)-dimensional Jimbo-Miwa equations. Results in Physics, 2018, 9, 12-16.	4.1	42
15	Double Ramadan Group Integral Transform: Definition and Properties with Applications to Partial Differential Equations. Applied Mathematics and Information Sciences, 2018, 12, 389-396.	0.5	1
16	Computational method for solving space fractional Fisher's nonlinear equation. Mathematical Methods in the Applied Sciences, 2014, 37, 657-662.	2.3	13
17	Parametric spline functions for the solution of the one time fractional Burgers' equation. Applied Mathematical Modelling, 2012, 36, 4557-4564.	4.2	61
18	Numerical treatments of the nonlinear coupled time-fractional Schrödinger equations. Mathematical Methods in the Applied Sciences, 0, , .	2.3	3