

Ahmed Elsaid

List of Publications by Year in descending order

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38
papers

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706676

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487
citing authors

#	ARTICLE	IF	CITATIONS
1	Moving Taylor series for solving one-dimensional one-phase Stefan problem. AEJ - Alexandria Engineering Journal, 2022, 61, 7121-7128.	3.4	2
2	Ghost attractor in fractional order blinking system and its application. Nonlinear Dynamics, 2022, 108, 4471-4497.	2.7	2
3	A Modified Polynomial Preserving Recovery Technique. , 2022, , .		1
4	A new algorithm for computing the differential transform in nonlinear two-dimensional partial differential equations. Journal of King Saud University - Science, 2020, 32, 858-861.	1.6	2
5	Numerical investigation of hematocrit variation effect on blood flow in an arterial segment with variable stenosis degree. Journal of Molecular Liquids, 2020, 313, 113550.	2.3	20
6	On the Approximate Solution of Caputo-Riesz-Feller Fractional Diffusion Equation. Advances in Computer and Electrical Engineering Book Series, 2020, , 224-244.	0.2	0
7	Numerical simulation of Oldroyd-B fluid with application to hemodynamics. Advances in Mechanical Engineering, 2019, 11, 168781401985284.	0.8	20
8	Heat flux recovery in a multilayer model for skin tissues in the presence of a tumor. European Physical Journal Plus, 2019, 134, 1.	1.2	6
9	Numerical simulation of blood flow in abdominal aortic aneurysms: Effects of blood shear-thinning and viscoelastic properties. Mathematics and Computers in Simulation, 2019, 160, 55-71.	2.4	29
10	Caputo-Riesz-Feller fractional wave equation: analytic and approximate solutions and their continuation. Journal of Applied Mathematics and Computing, 2019, 59, 423-444.	1.2	7
11	Symmetry analysis and some new exact solutions of some nonlinear KdV-like equations. Asian-European Journal of Mathematics, 2018, 11, 1850040.	0.2	15
12	Some new soliton-like and doubly periodic-like solutions of Fisher equation with time-dependent coefficients. Modern Physics Letters B, 2018, 32, 1850413.	1.0	7
13	Group classification and some new periodic-like and soliton-like solutions of the generalised Fisher equation with time-variable coefficients. International Journal of Dynamical Systems and Differential Equations, 2018, 8, 313.	0.2	1
14	Dynamical Behaviors of Coupled Memristor-Based Oscillators with Identical and Different Nonlinearities. Mathematical Problems in Engineering, 2018, 2018, 1-20.	0.6	1
15	Relaxed I-SHOT trust-region algorithm for solving multi-objective economic emission load dispatch problem. Journal of Taibah University for Science, 2018, 12, 573-583.	1.1	3
16	Hyperchaotic Fractional-Order Systems and Their Applications. Complexity, 2017, 2017, 1-1.	0.9	1
17	Pressure stabilized finite elements simulation for steady and unsteady Newtonian fluids. Journal of Applied Mathematics and Computational Mechanics, 2017, 16, 17-26.	0.3	10
18	Symmetry Analysis and Some New Exact Solutions of the (2+1)-dimensional Burgers Equations. Acta Physica Polonica B, 2017, 48, 2031.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Semianalytic Solution of Space-Time Fractional Diffusion Equation. International Journal of Differential Equations, 2016, 2016, 1-9.	0.3	6
20	Similarity Solutions for Multiterm Time-Fractional Diffusion Equation. Advances in Mathematical Physics, 2016, 2016, 1-7.	0.4	12
21	Chebyshev Collocation Method for Parabolic Partial Integrodifferential Equations. Advances in Mathematical Physics, 2016, 2016, 1-7.	0.4	7
22	Dynamical behaviors, circuit realization, chaos control, and synchronization of a new fractional order hyperchaotic system. Applied Mathematical Modelling, 2016, 40, 3516-3534.	2.2	90
23	Similarity solutions of fractional order heat equations with variable coefficients. Miskolc Mathematical Notes, 2016, 17, 245.	0.3	17
24	Similarity Solutions for Solving Riesz Fractional Partial Differential Equations. Progress in Fractional Differentiation and Applications, 2016, 2, 293-298.	1.1	13
25	THE EIGENVALUE PROBLEM FOR ELLIPTIC PARTIAL DIFFERENTIAL EQUATION WITH TWO-POINT NONLOCAL CONDITIONS. Journal of Applied Analysis and Computation, 2015, 5, 146-158.	0.2	3
26	Circuit realization, chaos synchronization and estimation of parameters of a hyperchaotic system with unknown parameters. Journal of the Egyptian Mathematical Society, 2014, 22, 550-557.	0.6	13
27	Circuit realization, bifurcations, chaos and hyperchaos in a new 4D system. Applied Mathematics and Computation, 2014, 239, 333-345.	1.4	33
28	SYNCHRONIZATION OF DIFFERENT DIMENSIONAL CHAOTIC SYSTEMS WITH TIME VARYING PARAMETERS, DISTURBANCES AND INPUT NONLINEARITIES. Journal of Applied Analysis and Computation, 2014, 4, 323-338.	0.2	2
29	Dynamical behavior, chaos control and synchronization of a memristor-based ADVP circuit. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 148-170.	1.7	49
30	A Reliable Treatment of Homotopy Perturbation Method for Solving the Nonlinear Klein-Gordon Equation of Arbitrary (Fractional) Orders. Journal of Applied Mathematics, 2012, 2012, 1-13.	0.4	15
31	Fractional differential transform method combined with the Adomian polynomials. Applied Mathematics and Computation, 2012, 218, 6899-6911.	1.4	31
32	A homotopy perturbation technique for solving partial differential equations of fractional order in finite domains. Applied Mathematics and Computation, 2012, 218, 8329-8340.	1.4	37
33	ADOMIAN POLYNOMIALS: A POWERFUL TOOL FOR ITERATIVE METHODS OF SERIES SOLUTION OF NONLINEAR EQUATIONS. Journal of Applied Analysis and Computation, 2012, 2, 381-394.	0.2	2
34	Effects of environmental fluctuation and time delay on ratio dependent hyperparasitism model. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 2609-2619.	1.7	5
35	Homotopy analysis method for solving a class of fractional partial differential equations. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 3655-3664.	1.7	45
36	The variational iteration method for solving Riesz fractional partial differential equations. Computers and Mathematics With Applications, 2010, 60, 1940-1947.	1.4	46

#	ARTICLE	IF	CITATIONS
37	Solving the 2-D heat equations using wavelet-Galerkin method with variable time step. Applied Mathematics and Computation, 2009, 213, 209-215.	1.4	10
38	A new algorithm for the decomposition solution of nonlinear differential equations. Computers and Mathematics With Applications, 2007, 54, 459-466.	1.4	26