Muhammad Suleman

List of Publications by Year
in descending order

23 papers	505 citations	687363 13 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	398 citing authors

#	Article	IF	Citations
1	MHD flow of Maxwell fluid with nanomaterials due to an exponentially stretching surface. Scientific Reports, 2019, 9, 7312.	3.3	80
2	A Numerical Simulation of Silver–Water Nanofluid Flow with Impacts of Newtonian Heating and Homogeneous–Heterogeneous Reactions Past a Nonlinear Stretched Cylinder. Symmetry, 2019, 11, 295.	2.2	47
3	Numerical simulation for homogeneous–heterogeneous reactions and Newtonian heating in the silver-water nanofluid flow past a nonlinear stretched cylinder. Physica Scripta, 2019, 94, 085702.	2.5	35
4	Impact of Nonlinear Thermal Radiation and Entropy Optimization Coatings with Hybrid Nanoliquid Flow Past a Curved Stretched Surface. Coatings, 2018, 8, 430.	2.6	34
5	Numerical Simulation of Darcy–Forchheimer 3D Unsteady Nanofluid Flow Comprising Carbon Nanotubes with Cattaneo–Christov Heat Flux and Velocity and Thermal Slip Conditions. Processes, 2019, 7, 687.	2.8	34
6	Error Estimation of the Homotopy Perturbation Method to Solve Second Kind Volterra Integral Equations with Piecewise Smooth Kernels: Application of the CADNA Library. Symmetry, 2020, 12, 1730.	2.2	32
7	HE–ELZAKI METHOD FOR SPATIAL DIFFUSION OF BIOLOGICAL POPULATION. Fractals, 2019, 27, 1950069.	3.7	29
8	MHD Boundary Layer Flow of Carreau Fluid over a Convectively Heated Bidirectional Sheet with Non-Fourier Heat Flux and Variable Thermal Conductivity. Symmetry, 2019, 11, 618.	2.2	27
9	Numerical iteration for nonlinear oscillators by Elzaki transform. Journal of Low Frequency Noise Vibration and Active Control, 2020, 39, 879-884.	2.9	27
10	ELZAKI PROJECTED DIFFERENTIAL TRANSFORM METHOD FOR FRACTIONAL ORDER SYSTEM OF LINEAR AND NONLINEAR FRACTIONAL PARTIAL DIFFERENTIAL EQUATION. Fractals, 2018, 26, 1850041.	3.7	24
11	Entropy Analysis of 3D Non-Newtonian MHD Nanofluid Flow with Nonlinear Thermal Radiation Past over Exponential Stretched Surface. Entropy, 2018, 20, 930.	2.2	24
12	He–Laplace method for general nonlinear periodic solitary solution of vibration equations. Journal of Low Frequency Noise Vibration and Active Control, 2019, 38, 1297-1304.	2.9	23
13	Solving a modified nonlinear epidemiological model of computer viruses by homotopy analysis method. Mathematical Sciences, 2018, 12, 211-222.	1.7	21
14	An Efficient Analytical Approach for the Periodicity of Nano/Microelectromechanical Systems' Oscillators. Mathematical Problems in Engineering, 2022, 2022, 1-12.	1.1	13
15	NUMERICAL INVESTIGATION OF FRACTIONAL HIV MODEL USING ELZAKI PROJECTED DIFFERENTIAL TRANSFORM METHOD. Fractals, 2018, 26, 1850062.	3.7	12
16	Numerical solutions of coupled nonlinear fractional KdV equations using He's fractional calculus. International Journal of Modern Physics B, 2021, 35, 2150023.	2.0	11
17	A Novel Technique to Solve Space and Time Fractional Telegraph Equation. Journal of Computational and Theoretical Nanoscience, 2016, 13, 1536-1545.	0.4	9
18	New Application of Elzaki Projected Differential Transform Method. Journal of Computational and Theoretical Nanoscience, 2017, 14, 631-639.	0.4	7

#	Article	IF	Citations
19	Numerical Simulation of Fractional Zakharovâ€"Kuznetsov Equation for Description of Temporal Discontinuity Using Projected Differential Transform Method. Complexity, 2021, 2021, 1-11.	1.6	5
20	Explicit Analytic Solution of Vibration Equation for large domain by mean of the Elzaki projected Differential Transform Method. Journal of Advances in Mathematics, 2015, 11, 5244-5257.	0.1	5
21	Analytical Solution of Linear Fractionally Damped Oscillator by Elzaki Transformed Method. DJ Journal of Engineering and Applied Mathematics, 2018, 4, 49-57.	0.6	3
22	Solution of Unbounded Boundary Layer Equation using Modified Homotopy Perturbation Method. , 2017, 3, 11-15.		3
23	Robust construction of minimal surface from general initial mesh. Applied Mathematics, 2015, 30, 227-244.	1.0	0