

# Samad Noeiaghdam

## List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Finding Optimal Results in the Homotopy Analysis Method to Solve Fuzzy Integral Equations. Studies in Fuzziness and Soft Computing, 2022, , 173-195.	0.8	3
2	Numerical Analysis of Unsteady Hybrid Nanofluid Flow Comprising CNTs-Ferrous oxide/Water with Variable Magnetic Field. Nanomaterials, 2022, 12, 180.	4.1	36
3	Modern Problems of Mathematical Physics and Their Applications. Axioms, 2022, 11, 45.	1.9	5
4	Oscillation of Fourth-Order Nonlinear Homogeneous Neutral Difference Equation. International Journal of Differential Equations, 2022, 2022, 1-7.	0.8	0
5	Numerical Simulation of a Time-Dependent Electroviscous and Hybrid Nanofluid with Darcy-Forchheimer Effect between Squeezing Plates. Nanomaterials, 2022, 12, 876.	4.1	22
6	The Effect of Variable Magnetic Field on Viscous Fluid between 3-D Rotatory Vertical Squeezing Plates: A Computational Investigation. Energies, 2022, 15, 2473.	3.1	11
7	Stability of Additive Functional Equation Originating from Characteristic Polynomial of Degree Three. Symmetry, 2022, 14, 700.	2.2	1
8	Electroviscous Effect of Water-Base Nanofluid Flow between Two Parallel Disks with Suction/Injection Effect. Mathematics, 2022, 10, 956.	2.2	16
9	Heat and mass transfer analysis of radiative and chemical reactive effects on MHD nanofluid over an infinite moving vertical plate. Results in Engineering, 2022, 14, 100394.	5.1	58
10	Dynamical strategy on homotopy perturbation method for solving second kind integral equations using the CESTAC method. Journal of Computational and Applied Mathematics, 2022, 411, 114226.	2.0	12
11	A novel algorithm to solve nonlinear fractional quadratic integral equations. AIMS Mathematics, 2022, 7, 13237-13257.	1.6	5
12	Application of Transcendental Bernstein Polynomials for Solving Two-Dimensional Fractional Optimal Control Problems. Complexity, 2022, 2022, 1-10.	1.6	8
13	Fixed-Point Results Related to b-Intuitionistic Fuzzy Metric Space. Journal of Function Spaces, 2022, 2022, 1-15.	0.9	2
14	Fuzzy Nano $\alpha$ -locally Closed Sets, Extremely Disconnected Spaces, Normal Spaces, and Their Application. Advances in Fuzzy Systems, 2022, 2022, 1-9.	0.9	5
15	Effects of thermophoresis and Brownian motion for thermal and chemically reacting Casson nanofluid flow over a linearly stretching sheet. Results in Engineering, 2022, 15, 100448.	5.1	62
16	The effects of MHD radiating and non-uniform heat source/sink with heating on the momentum and heat transfer of Eyring-Powell fluid over a stretching. Results in Engineering, 2022, 14, 100435.	5.1	34
17	Application of the stochastic arithmetic to validate the results of nonlinear fractional model of HIV infection for CD8+T-cells. , 2022, , 259-285.		0
18	Application of the CESTAC Method to Find the Optimal Iteration of the Homotopy Analysis Method for Solving Fuzzy Integral Equations. Advances in Intelligent Systems and Computing, 2021, , 623-637.	0.6	6

#	ARTICLE	IF	CITATIONS
19	The Numerical Validation of the Adomian Decomposition Method for Solving Volterra Integral Equation with Discontinuous Kernels Using the CESTAC Method. Mathematics, 2021, 9, 260.	2.2	37
20	A Finite Difference-Spectral Method for Solving the European Call Option Black-Scholes Equation. Mathematical Modelling of Engineering Problems, 2021, 8, 273-278.	0.5	0
21	Regularization of the Ill-Posed Cauchy Problem for Matrix Factorizations of the Helmholtz Equation on the Plane. Axioms, 2021, 10, 82.	1.9	8
22	Dynamical Strategy to Control the Accuracy of the Nonlinear Bio-Mathematical Model of Malaria Infection. Mathematics, 2021, 9, 1031.	2.2	12
23	A Comparative Study between Discrete Stochastic Arithmetic and Floating-Point Arithmetic to Validate the Results of Fractional Order Model of Malaria Infection. Mathematics, 2021, 9, 1435.	2.2	12
24	A Novel Technique to Control the Accuracy of a Nonlinear Fractional Order Model of COVID-19: Application of the CESTAC Method and the CADNA Library. Mathematics, 2021, 9, 1321.	2.2	30
25	New Procedures of a Fractional Order Model of Novel Coronavirus (COVID-19) Outbreak via Wavelets Method. Axioms, 2021, 10, 122.	1.9	14
26	Numerical Simulation of Fractional Zakharov-Kuznetsov Equation for Description of Temporal Discontinuity Using Projected Differential Transform Method. Complexity, 2021, 2021, 1-11.	1.6	5
27	Advantages of the Discrete Stochastic Arithmetic to Validate the Results of the Taylor Expansion Method to Solve the Generalized Abel's Integral Equation. Symmetry, 2021, 13, 1370.	2.2	6
28	Integral Equations: Theories, Approximations, and Applications. Symmetry, 2021, 13, 1402.	2.2	3
29	Approximating Solutions of Non-Linear Troesch's Problem via an Efficient Quasi-Linearization Bessel Approach. Mathematics, 2021, 9, 1841.	2.2	18
30	Numerical Analysis of Natural Convection Driven Flow of a Non-Newtonian Power-Law Fluid in a Trapezoidal Enclosure with a U-Shaped Constructal. Energies, 2021, 14, 5355.	3.1	15
31	Application of Said Ball Curve for Solving Fractional Differential-Algebraic Equations. Mathematics, 2021, 9, 1926.	2.2	5
32	Dufour and Soret Effect on Viscous Fluid Flow between Squeezing Plates under the Influence of Variable Magnetic Field. Mathematics, 2021, 9, 2404.	2.2	13
33	A Novel Method for Solving Second Kind Volterra Integral Equations with Discontinuous Kernel. Mathematics, 2021, 9, 2172.	2.2	6
34	Valid Implementation of the Fractional Order Model of Energy Supply-Demand System. Communications in Computer and Information Science, 2021, , 493-503.	0.5	1
35	A Valid Dynamical Control on the Reverse Osmosis System Using the CESTAC Method. Mathematics, 2021, 9, 48.	2.2	14
36	Novel Symmetric Numerical Methods for Solving Symmetric Mathematical Problems. International Journal of Circuits, Systems and Signal Processing, 2021, 15, 1545-1557.	0.3	15

#	ARTICLE	IF	CITATIONS
37	Near-Common Fixed Point Result in Cone Interval b-Metric Spaces over Banach Algebras. <i>Axioms</i> , 2021, 10, 251.	1.9	2
38	Free and Forced Convective Flow in Pleural Fluid with Effect of Injection between Different Permeable Regions. <i>Coatings</i> , 2021, 11, 1313.	2.6	9
39	On Nonlinear Forced Impulsive Differential Equations under Canonical and Non-Canonical Conditions. <i>Symmetry</i> , 2021, 13, 2066.	2.2	5
40	Effect of Ventricular Elasticity Due to Congenital Hydrocephalus. <i>Symmetry</i> , 2021, 13, 2087.	2.2	7
41	Dynamical control on the Adomian decomposition method for solving shallow water wave equation. <i>Vestnik Irkutskogo Gosudarstvennogo Tehniceskogo Universiteta</i> , 2021, 25, 623-632.	0.2	2
42	Nonstandard Finite Difference Schemes for an SIR Epidemic Model. <i>Mathematics</i> , 2021, 9, 3082.	2.2	10
43	Oscillatory Behavior of Third-Order Quasi-Linear Neutral Differential Equations. <i>Axioms</i> , 2021, 10, 346.	1.9	3
44	Valid implementation of Sinc-collocation method to solve the fuzzy Fredholm integral equation. <i>Journal of Computational and Applied Mathematics</i> , 2020, 370, 112632.	2.0	28
45	Matrix Method by Genocchi Polynomials for Solving Nonlinear Volterra Integral Equations with Weakly Singular Kernels. <i>Symmetry</i> , 2020, 12, 2105.	2.2	9
46	A Fuzzy Method for Solving Fuzzy Fractional Differential Equations Based on the Generalized Fuzzy Taylor Expansion. <i>Mathematics</i> , 2020, 8, 2166.	2.2	9
47	Error Estimation of the Homotopy Perturbation Method to Solve Second Kind Volterra Integral Equations with Piecewise Smooth Kernels: Application of the CADNA Library. <i>Symmetry</i> , 2020, 12, 1730.	2.2	32
48	A Novel Technique to Solve the Fuzzy System of Equations. <i>Mathematics</i> , 2020, 8, 850.	2.2	8
49	On the New Wave Behaviors of the Gilson-Pickering Equation. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	30
50	Caputo-Fabrizio Fractional Derivative to Solve the Fractional Model of Energy Supply-Demand System. <i>Mathematical Modelling of Engineering Problems</i> , 2020, 7, 359-367.	0.5	31
51	A Novel Algorithm to Evaluate Definite Integrals by the Gauss-Legendre Integration Rule Based on the Stochastic Arithmetic: Application in the Model of Osmosis System. <i>Mathematical Modelling of Engineering Problems</i> , 2020, 7, 577-586.	0.5	12
52	A Novel Approach to Find Optimal Parameter in the Homotopy-Regularization Method for Solving Integral Equations. <i>Applied Mathematics and Information Sciences</i> , 2020, 14, 105-113.	0.5	7
53	Truncating the series expansion for unsteady velocity-dependent Eyring-Powell fluid. <i>Engineering and Applied Science Letters</i> , 2020, 3, 28-34.	0.8	7
54	Finding optimal convergence control parameter in the homotopy analysis method to solve integral equations based on the stochastic arithmetic. <i>Numerical Algorithms</i> , 2019, 81, 237-267.	1.9	37

#	ARTICLE	IF	CITATIONS
55	A novel technique to solve the modified epidemiological model of computer viruses. SeMA Journal, 2019, 76, 97-108.	2.0	18
56	Control of Accuracy on Taylor-Collocation Method for Load Leveling Problem. Bulletin of Irkutsk State University, Series Mathematics, 2019, 30, 59-72.	0.3	17
57	Numerical Approximation of Modified Non-linear SIR Model of Computer Viruses. Contemporary Mathematics, 2019, 1, 34-48.	0.4	6
58	Some perturbed versions of the generalized trapezoid type inequalities for twice differentiable functions. Fractional Differential Calculus, 2019, , 125-138.	0.5	2
59	ELZAKI PROJECTED DIFFERENTIAL TRANSFORM METHOD FOR FRACTIONAL ORDER SYSTEM OF LINEAR AND NONLINEAR FRACTIONAL PARTIAL DIFFERENTIAL EQUATION. Fractals, 2018, 26, 1850041.	3.7	24
60	Solving a modified nonlinear epidemiological model of computer viruses by homotopy analysis method. Mathematical Sciences, 2018, 12, 211-222.	1.7	21
61	Fibonacci-regularization method for solving Cauchy integral equations of the first kind. Ain Shams Engineering Journal, 2017, 8, 363-369.	6.1	11
62	A Valid Scheme to Evaluate Fuzzy Definite Integrals by Applying the CADNA Library. International Journal of Fuzzy System Applications, 2017, 6, 1-20.	0.7	14
63	Finding optimal step of fuzzy Newton-Cotes integration rules by using the CESTAC method. Journal of Fuzzy Set Valued Analysis, 2017, 2017, 62-85.	0.2	9
64	Homotopy analysis transform method for solving Abel's integral equations of the first kind. Ain Shams Engineering Journal, 2016, 7, 483-495.	6.1	32
65	A novel technique based on the homotopy analysis method to solve the first kind Cauchy integral equations arising in the theory of airfoils. Journal of Interpolation and Approximation in Scientific Computing, 2016, 2016, 1-13.	0.3	10
66	Homotopy analysis transform method for solving generalized Abel's fuzzy integral equations of the first kind. , 2015, , .		8
67	NUMERICAL SOLUTION OF $N$ -TH ORDER FREDHOLM INTEGRO-DIFFERENTIAL EQUATIONS BY INTEGRAL MEAN VALUE THEOREM METHOD. International Journal of Pure and Applied Mathematics, 2015, 99, .	0.2	8