

Rasool Shah

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

830
citations

18
h-index

23
g-index

66
ext. papers

1,309
ext. citations

2.2
avg, IF

5.15
L-index

#	Paper	IF	Citations
57	Analytical investigation of fractional-order Newell-Whitehead-Segel equations via a novel transform. <i>AIMS Mathematics</i> , 2022 , 7, 6936-6958	2.2	19
56	Cauchy problem for non-autonomous fractional evolution equations with nonlocal conditions of order $(1, 2)$. <i>AIMS Mathematics</i> , 2022 , 7, 8891-8913	2.2	5
55	On Solutions of Fractional-Order Gas Dynamics Equation by Effective Techniques. <i>Journal of Function Spaces</i> , 2022 , 2022, 1-14	0.8	16
54	Analysis of the Fuzzy Fractional-Order Solitary Wave Solutions for the KdV Equation in the Sense of Caputo-Fabrizio Derivative. <i>Journal of Mathematics</i> , 2022 , 2022, 1-12	1.2	5
53	Analytical Investigation of Fractional-Order Korteweg-De Vries-Type Equations under Atangana-Baleanu-Caputo Operator: Modeling Nonlinear Waves in a Plasma and Fluid. <i>Symmetry</i> , 2022 , 14, 739	2.7	14
52	The Analysis of the Fractional-Order Navier-Stokes Equations by a Novel Approach. <i>Journal of Function Spaces</i> , 2022 , 2022, 1-18	0.8	5
51	A Comparative Analysis of the Fractional-Order Coupled Korteweg-De Vries Equations with the Mittag-Leffler Law. <i>Journal of Mathematics</i> , 2022 , 2022, 1-30	1.2	11
50	On the solution of fractional modified Boussinesq and approximate long wave equations with non-singular kernel operators. <i>AIMS Mathematics</i> , 2022 , 7, 12483-12513	2.2	11
49	Analytical Investigation of Fractional-Order Cahn-Hilliard and Gardner Equations Using Two Novel Techniques. <i>Mathematics</i> , 2022 , 10, 1643	2.3	16
48	A Comparative Analysis of Fractional-Order Kaup-Kupershmidt Equation within Different Operators. <i>Symmetry</i> , 2022 , 14, 986	2.7	13
47	Mathematical Simulation of Heat Transfer in Thermally Magnetised Oldroyd-B Fluid in Sakiadis Rheology with a Heat Reservoir. <i>Mathematics</i> , 2022 , 10, 1775	2.3	1
46	The Numerical Investigation of a Fractional-Order Multi-Dimensional Model of Navier-Stokes Equation via Novel Techniques. <i>Symmetry</i> , 2022 , 14, 1102	2.7	12
45	Analytical Investigation of Noyes-Field Model for Time-Fractional Belousov-Zhabotinsky Reaction. <i>Complexity</i> , 2021 , 2021, 1-21	1.6	29
44	A Novel Analytical Approach for the Solution of Fractional-Order Diffusion-Wave Equations. <i>Fractal and Fractional</i> , 2021 , 5, 206	3	2
43	The Numerical Investigation of Fractional-Order Zakharov-Kuznetsov Equations. <i>Complexity</i> , 2021 , 2021, 1-13	1.6	3
42	Exact analysis of electro-osmotic flow of Walters-B fluid with non-singular kernel 2021 , 95, 1		3
41	Haar Wavelet Operational Matrix Method for Fractional Relaxation-Oscillation Equations Containing Caputo Fractional Derivative. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-14	0.8	8

40	Numerical Analysis of the Fractional-Order Nonlinear System of Volterra Integro-Differential Equations. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-10	0.8	9
39	The Comparative Study for Solving Fractional-Order Fornberg-Whitham Equation via Laplace Transform. <i>Symmetry</i> , 2021 , 13, 784	2.7	25
38	A New Analysis of Fractional-Order Equal-Width Equations via Novel Techniques. <i>Symmetry</i> , 2021 , 13, 886	2.7	27
37	A Modified Techniques of Fractional-Order Cauchy-Reaction Diffusion Equation via Shehu Transform. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-15	0.8	2
36	A Novel Analytical View of Time-Fractional Korteweg-De Vries Equations via a New Integral Transform. <i>Symmetry</i> , 2021 , 13, 1254	2.7	19
35	Numerical Investigation of the Time-Fractional Whitham-Broer-Kaup Equation Involving without Singular Kernel Operators. <i>Complexity</i> , 2021 , 2021, 1-21	1.6	14
34	The analytical analysis of nonlinear fractional-order dynamical models. <i>AIMS Mathematics</i> , 2021 , 6, 6201-6219	6.2	7
33	Numerical Investigation of Fractional-Order Differential Equations via Haar-Wavelet Method. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-14	0.8	2
32	Numerical Investigation of Fractional-Order Swift-Hohenberg Equations via a Novel Transform. <i>Symmetry</i> , 2021 , 13, 1263	2.7	44
31	An Analytical Technique, Based on Natural Transform to Solve Fractional-Order Parabolic Equations. <i>Entropy</i> , 2021 , 23,	2.8	22
30	Numerical Analysis of Fractional-Order Parabolic Equations via Elzaki Transform. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-10	0.8	4
29	The Analysis of Fractional-Order Navier-Stokes Model Arising in the Unsteady Flow of a Viscous Fluid via Shehu Transform. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-15	0.8	2
28	Controllability for Fuzzy Fractional Evolution Equations in Credibility Space. <i>Fractal and Fractional</i> , 2021 , 5, 112	3	12
27	Analysis of the Time Fractional-Order Coupled Burgers Equations with Non-Singular Kernel Operators. <i>Mathematics</i> , 2021 , 9, 2326	2.3	22
26	Analytical Analysis of Fractional-Order Physical Models via a Caputo-Fabrizio Operator. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-9	0.8	2
25	An Analytical Investigation of Fractional-Order Biological Model Using an Innovative Technique. <i>Complexity</i> , 2020 , 2020, 1-13	1.6	4
24	Modified Modelling for Heat Like Equations within Caputo Operator. <i>Energies</i> , 2020 , 13, 2002	3.1	11
23	The Analytical Analysis of Time-Fractional Fornberg-Whitham Equations. <i>Mathematics</i> , 2020 , 8, 987	2.3	11

22	A semi-analytical method to solve family of Kuramoto-Bivashinsky equations. <i>Journal of Taibah University for Science</i> , 2020 , 14, 402-411	3	20
21	An Efficient Analytical Approach for the Solution of Certain Fractional-Order Dynamical Systems. <i>Energies</i> , 2020 , 13, 2725	3.1	14
20	The analytical investigation of time-fractional multi-dimensional Navier-Stokes equation. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 2941-2956	6.1	19
19	Fractional View Analysis of Acoustic Wave Equations, Using Fractional-Order Differential Equations. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 610	2.6	10
18	The Chebyshev Wavelet Method (CWM) for the Numerical Solution of Fractional HIV Infection of CD4(+)T Cells Model. <i>International Journal of Applied and Computational Mathematics</i> , 2020 , 6, 1	1.3	9
17	Fractional View Analysis of Third Order Korteweg-De Vries Equations, Using a New Analytical Technique. <i>Frontiers in Physics</i> , 2020 , 7,	3.9	11
16	Laplace decomposition for solving nonlinear system of fractional order partial differential equations. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	19
15	Exact solutions of the Laplace fractional boundary value problems via natural decomposition method. <i>Open Physics</i> , 2020 , 18, 1178-1187	1.3	1
14	Some analytical and numerical investigation of a family of fractional-order Helmholtz equations in two space dimensions. <i>Mathematical Methods in the Applied Sciences</i> , 2020 , 43, 199-212	2.3	13
13	Analytical Solutions of (2+Time Fractional Order) Dimensional Physical Models, Using Modified Decomposition Method. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 122	2.6	13
12	On the Fractional View Analysis of Keller-Begel Equations with Sensitivity Functions. <i>Complexity</i> , 2020 , 2020, 1-15	1.6	1
11	Analytical Solution of Fractional-Order Hyperbolic Telegraph Equation, Using Natural Transform Decomposition Method. <i>Electronics (Switzerland)</i> , 2019 , 8, 1015	2.6	21
10	An Efficient Analytical Technique, for The Solution of Fractional-Order Telegraph Equations. <i>Mathematics</i> , 2019 , 7, 426	2.3	19
9	Analytical Solutions of Fractional-Order Heat and Wave Equations by the Natural Transform Decomposition Method. <i>Entropy</i> , 2019 , 21,	2.8	28
8	Application of Laplace-Adomian Decomposition Method for the Analytical Solution of Third-Order Dispersive Fractional Partial Differential Equations. <i>Entropy</i> , 2019 , 21,	2.8	35
7	Analytical Solutions of Fractional-Order Diffusion Equations by Natural Transform Decomposition Method. <i>Entropy</i> , 2019 , 21,	2.8	24
6	An Analytical Technique to Solve the System of Nonlinear Fractional Partial Differential Equations. <i>Mathematics</i> , 2019 , 7, 505	2.3	15
5	Laplace Adomian Decomposition Method for Multi Dimensional Time Fractional Model of Navier-Stokes Equation. <i>Symmetry</i> , 2019 , 11, 149	2.7	29

4	Natural Transform Decomposition Method for Solving Fractional-Order Partial Differential Equations with Proportional Delay. <i>Mathematics</i> , 2019 , 7, 532	2.3	17
3	Fractional Whitham-Broer-Kaup Equations within Modified Analytical Approaches. <i>Axioms</i> , 2019 , 8, 125	1.6	23
2	A New Analytical Technique to Solve System of Fractional-Order Partial Differential Equations. <i>IEEE Access</i> , 2019 , 7, 150037-150050	3.5	15
1	A novel method for the analytical solution of fractional Zakharov-Kuznetsov equations. <i>Advances in Difference Equations</i> , 2019 , 2019,	3.6	16