Naveed Iqbal

List of Publications by Year
in descending order

51 papers	680 citations	516710 16 h-index	642732 23 g-index
51 all docs	51 docs citations	51 times ranked	203 citing authors

#	Article	IF	Citations
1	Exact solutions of the stochastic new coupled Konno-Oono equation. Results in Physics, 2021, 21, 103830.	4.1	45
2	The effect of multiplicative noise on the exact solutions of the stochastic Burgers' equation. Waves in Random and Complex Media, 2024, 34, 274-286.	2.7	38
3	On Solutions of Fractional-Order Gas Dynamics Equation by Effective Techniques. Journal of Function Spaces, 2022, 2022, 1-14.	0.9	35
4	Pattern formation induced by fractional cross-diffusion in a 3-species food chain model with harvesting. Mathematics and Computers in Simulation, 2021, 188, 102-119.	4.4	31
5	IMPACT OF THE SAME DEGENERATE ADDITIVE NOISE ON A COUPLED SYSTEM OF FRACTIONAL SPACE DIFFUSION EQUATIONS. Fractals, 2022, 30, .	3.7	28
6	The Exact Solutions of Stochastic Fractional-Space Kuramoto-Sivashinsky Equation by Using (Gâ€²G)-Expansion Method. Mathematics, 2021, 9, 2712.	2.2	28
7	Novel Analysis of the Fractional-Order System of Non-Linear Partial Differential Equations with the Exponential-Decay Kernel. Mathematics, 2022, 10, 615.	2.2	28
8	Convective Mass/Heat Analysis of an Electroosmotic Peristaltic Flow of Ionic Liquid in a Symmetric Porous Microchannel with Soret and Dufour. Mathematical Problems in Engineering, 2021, 2021, 1-14.	1.1	26
9	Controllability for Fuzzy Fractional Evolution Equations in Credibility Space. Fractal and Fractional, 2021, 5, 112.	3.3	25
10	Engineering Applications of Peristaltic Fluid Flow with Hall Current, Thermal Deposition and Convective Conditions. Mathematics, 2020, 8, 1710.	2.2	24
11	Turing Patterns in the Lengyelâ€"Epstein System with Superdiffusion. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1730026.	1.7	23
12	Analysis of the Fractional-Order Kaupâ€"Kupershmidt Equation via Novel Transforms. Journal of Mathematics, 2021, 2021, 1-13.	1.0	22
13	Existence and Uniqueness of Mild Solution for Fractional-Order Controlled Fuzzy Evolution Equation. Journal of Function Spaces, 2021, 2021, 1-8.	0.9	21
14	The Analysis of Fractional-Order Proportional Delay Physical Models via a Novel Transform. Complexity, 2022, 2022, 1-13.	1.6	20
15	Pattern formation by super-diffusion in FitzHughâ€"Nagumo model. Applied Mathematics and Computation, 2017, 313, 245-258.	2.2	19
16	Peristaltic motion of Maxwell fluid subject to convective heat and mass conditions. Ain Shams Engineering Journal, 2021, 12, 3121-3131.	6.1	19
17	Additive Noise Effects on the Stabilization of Fractional-Space Diffusion Equation Solutions. Mathematics, 2022, 10, 130.	2.2	18
18	Novel Investigation of Fractional-Order Cauchy-Reaction Diffusion Equation Involving Caupto-Fabrizio Operator. Journal of Function Spaces, 2022, 2022, 1-14.	0.9	17

#	Article	IF	Citations
19	Numerical Methods for Fractional-Order Fornberg-Whitham Equations in the Sense of Atangana-Baleanu Derivative. Journal of Function Spaces, 2021, 2021, 1-10.	0.9	17
20	COMPLEX FRACTIONAL-ORDER HIV DIFFUSION MODEL BASED ON AMPLITUDE EQUATIONS WITH TURING PATTERNS AND TURING INSTABILITY. Fractals, 2021, 29, 2140013.	3.7	16
21	A Comparative Study of the Fractional Coupled Burgers and Hirota–Satsuma KdV Equations via Analytical Techniques. Symmetry, 2022, 14, 1364.	2.2	15
22	Convective Heat/Mass Transfer Analysis on Johnson-Segalman Fluid in a Symmetric Curved Channel with Peristalsis: Engineering Applications. Symmetry, 2020, 12, 1475.	2.2	14
23	Numerical investigation of fractional-order Kersten–Krasil'shchik coupled KdV–mKdV system with Atangana–Baleanu derivative. , 2022, 2022, .		14
24	The solution of fractional-order system of KdV equations with exponential-decay kernel. Results in Physics, 2022, 38, 105615.	4.1	14
25	Pattern formation by fractional cross-diffusion in a predator–prey model with Beddington–DeAngelis type functional response. International Journal of Modern Physics B, 2019, 33, 1950296.	2.0	13
26	Fractional Dynamics of Vector-Borne Infection with Sexual Transmission Rate and Vaccination. Mathematics, 2021, 9, 3118.	2.2	10
27	Analytical Analysis of Fractional-Order Newell-Whitehead-Segel Equation: A Modified Homotopy Perturbation Transform Method. Journal of Function Spaces, 2022, 2022, 1-10.	0.9	9
28	Effects of Convection on Sisko Fluid with Peristalsis in an Asymmetric Channel. Mathematical and Computational Applications, 2020, 25, 52.	1.3	8
29	Cauchy problem for non-autonomous fractional evolution equations with nonlocal conditions of order $ (1, 2) $. AIMS Mathematics, 2022, 7, 8891-8913.	1.6	8
30	Brownian motion effects on analytical solutions of a fractional-space long–short-wave interaction with conformable derivative. Results in Physics, 2022, 35, 105371.	4.1	8
31	Turing patterns induced by cross-diffusion in a 2D domain with strong Allee effect. Comptes Rendus Mathematique, 2019, 357, 863-877.	0.3	7
32	Optimal control of nonlocal fractional evolution equations in the α-norm of order $(1,2)$. Advances in Difference Equations, 2021, 2021, .	3.5	6
33	Mathematical Modeling and Numerical Simulation for the Outbreak of COVID-19 Involving Loss of Immunity and Quarantined Class. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-21.	1.3	6
34	Self-Excited and Hidden Chaotic Attractors in Matouk's Hyperchaotic Systems. Discrete Dynamics in Nature and Society, 2022, 2022, 1-14.	0.9	5
35	A Comparative Study of the Fractional-Order Nonlinear System of Physical Models via Analytical Methods. Mathematical Problems in Engineering, 2022, 2022, 1-23.	1.1	5
36	A Comparative Study of Fractional-Order Diffusion Model within Atangana-Baleanu-Caputo Operator. Journal of Function Spaces, 2022, 2022, 1-12.	0.9	4

#	Article	IF	Citations
37	Analysis of Fractional-Order System of One-Dimensional Keller–Segel Equations: A Modified Analytical Method. Symmetry, 2022, 14, 1321.	2.2	4
38	Novel Evaluation of Fuzzy Fractional Biological Population Model. Journal of Function Spaces, 2022, 2022, 1-9.	0.9	4
39	Fractional-View Analysis of Space-Time Fractional Fokker-Planck Equations within Caputo Operator. Journal of Function Spaces, 2022, 2022, 1-12.	0.9	4
40	Pattern selection of three components Gray-Scott model. Journal of Physics: Conference Series, 2019, 1324, 012012.	0.4	3
41	Impact of Homogeneous/Heterogeneous Reactions and Convective Conditions on Peristaltic Fluid Flow in a Symmetric Channel. The Punjab University Journal of Mathematics, 2021, , 35-53.	0.3	3
42	Novel Evaluation of Fuzzy Fractional Helmholtz Equations. Journal of Function Spaces, 2022, 2022, 1-8.	0.9	3
43	Pattern formation induced by fractional-order diffusive model of COVID-19. , 2022, , 169-185.		3
44	On Topological Properties of 2-Dimensional Lattices of Carbon Nanotubes. Journal of Computational and Theoretical Nanoscience, 2016, 13, 6606-6615.	0.4	2
45	Effect of Laplacian Smoothing Stochastic Gradient Descent with Angular Margin Softmax Loss on Face Recognition. Communications in Computer and Information Science, 2020, , 549-561.	0.5	2
46	On Bond Incident Connection Indices of Polyomino and Benzenoid Chains. Polycyclic Aromatic Compounds, 0, , 1-8.	2.6	2
47	Novel Evaluation of the Fractional Acoustic Wave Model with the Exponential-Decay Kernel. Complexity, 2022, 2022, 1-14.	1.6	2
48	Optimal Parameters for Third Order Runge–Kutta Exponential Integrators for Convection–Diffusion Problems. Journal of Scientific Computing, 2021, 88, 1.	2.3	1
49	Semi–Langrangian discontinuous Galerkin methods for scalar hyperbolic conservation laws€. International Journal for Numerical Methods in Fluids, 0, , .	1.6	1
50	Computing locating-total domination number in some rotationally symmetric graphs. Science Progress, 2021, 104, 003685042110534.	1.9	0
51	Some Bond Incident Degree Indices of Cactus Graphs. Journal of Mathematics, 2022, 2022, 1-5.	1.0	0