Imad Jaradat

List of Publications by Year
in descending order

43 papers	887 citations	448610 19 h-index	536525 29 g-index
43 all docs	43 docs citations	43 times ranked	297 citing authors

#	Article	IF	Citations
1	A variety of physical structures to the generalized equal-width equation derived from Wazwaz-Benjamin-Bona-Mahony model. Journal of Ocean Engineering and Science, 2022, 7, 244-247.	1.7	31
2	Geometric perspectives of the two-mode upgrade of a generalized Fisher–Burgers equation that governs the propagation of two simultaneously moving waves. Journal of Computational and Applied Mathematics, 2022, 404, 113908.	1.1	17
3	Analytic simulation of the synergy of spatial-temporal memory indices with proportional time delay. Chaos, Solitons and Fractals, 2022, 156, 111818.	2.5	16
4	Convex-rogue, half-kink, cusp-soliton and other bidirectional wave-solutions to the generalized Pochhammer-Chree equation. Physica Scripta, 2022, 97, 055203.	1.2	28
5	Changes in the physical structures for new versions of the Degasperis-Procesi-Camassa-Holm model. Chinese Journal of Physics, 2021, 71, 85-94.	2.0	6
6	Simulating the joint impact of temporal and spatial memory indices via a novel analytical scheme. Nonlinear Dynamics, 2021, 103, 2509-2524.	2.7	14
7	Attractive new fractional-integer power series method for solving singularly perturbed differential equations involving mixed fractional and integer derivatives. Results in Physics, 2021, 20, 103780.	2.0	3
8	Explicit and Approximate Solutions for the Conformable-Caputo Time-Fractional Diffusive Predator–Prey Model. International Journal of Applied and Computational Mathematics, 2021, 7, 1.	0.9	19
9	Heart-cusp and bell-shaped-cusp optical solitons for an extended two-mode version of the complex Hirota model: application in optics. Optical and Quantum Electronics, 2021, 53, 1.	1.5	47
10	Combination of Laplace transform and residual power series techniques to solve autonomous n-dimensional fractional nonlinear systems. Nonlinear Engineering, 2021, 10, 282-292.	1.4	22
11	Embedding (3 + 1)-dimensional diffusion, telegraph, and Burgers' equations into fractal 2D and 3D spaces: An analytical study. Journal of King Saud University - Science, 2020, 32, 349-355.	1.6	10
12	An Avant-Garde Handling of Temporal-Spatial Fractional Physical Models. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, 21, 183-194.	0.4	13
13	Development of spreading symmetric two-waves motion for a family of two-mode nonlinear equations. Heliyon, 2020, 6, e04057.	1.4	14
14	Numerical schemes for studying biomathematics model inherited with memory-time and delay-time. AEJ - Alexandria Engineering Journal, 2020, 59, 2969-2974.	3.4	10
15	Promoted residual power series technique with Laplace transform to solve some time-fractional problems arising in physics. Results in Physics, 2020, 19, 103667.	2.0	49
16	Construction of Solitary Two-Wave Solutions for a New Two-Mode Version of the Zakharov-Kuznetsov Equation. Mathematics, 2020, 8, 1127.	1.1	45
17	Computational Scheme for the Time-Fractional Reaction–Diffusion Brusselator Model. International Journal of Applied and Computational Mathematics, 2020, 6, 1.	0.9	1
18	The dynamics of new dual-mode Kawahara equation: interaction of dual-waves solutions and graphical analysis. Physica Scripta, 2020, 95, 045216.	1.2	13

#	Article	IF	Citations
19	A novel numerical radius upper bounds for 2 × 2 operator matrices. Linear and Multilinear Algebra, 2020, , 1-12.	0.5	5
20	Higher-dimensional physical models with multimemory indices: analytic solution and convergence analysis. Advances in Difference Equations, 2020, 2020, 364.	3.5	2
21	On (2 + 1)-dimensional physical models endowed with decoupled spatial and temporal memory indicesâ€¹â€. European Physical Journal Plus, 2019, 134, 1.	1.2	12
22	Asymptotic-sequentially solution style for the generalized Caputo time-fractional Newellâ€"Whiteheadâ€"Segel system. Advances in Difference Equations, 2019, 2019, .	3.5	36
23	Ternary-fractional differential transform schema: theory and application. Advances in Difference Equations, 2019, 2019, .	3.5	22
24	Stationary wave solutions for new developed two-wavesâ€™ fifth-order Kortewegâ€"de Vries equation. Advances in Difference Equations, 2019, 2019, .	3.5	20
25	Shapes and dynamics of dual-mode Hirotaâ€"Satsuma coupled KdV equations: Exact traveling wave solutions and analysis. Chinese Journal of Physics, 2019, 58, 49-56.	2.0	62
26	Multiplicative of dual-waves generated upon increasing the phase velocity parameter embedded in dual-mode Schrödinger with nonlinearity Kerr laws. Nonlinear Dynamics, 2019, 96, 115-121.	2.7	44
27	Delay-asymptotic solutions for the time-fractional delay-type wave equation. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121275.	1.2	20
28	On the Normality of a Class of Monomial Ideals via the Newton Polyhedron. Mediterranean Journal of Mathematics, 2019, 16, 1.	0.4	2
29	On the boundedness of a certain class of maximal functions on product spaces and extrapolation. Analysis and Mathematical Physics, 2019, 9, 453-464.	0.6	2
30	New Fractional Analytical Study of Three-Dimensional Evolution Equation Equipped With Three Memory Indices. Journal of Computational and Nonlinear Dynamics, 2019, 14, .	0.7	11
31	An analytical framework of 2D diffusion, wave-like, telegraph, and Burgersâ€™ models with twofold Caputo derivatives ordering. Nonlinear Dynamics, 2018, 93, 1911-1922.	2.7	30
32	An analytical study of physical models with inherited temporal and spatial memory. European Physical Journal Plus, 2018, 133, 1.	1.2	33
33	Theory and applications of a more general form for fractional power series expansion. Chaos, Solitons and Fractals, 2018, 108, 107-110.	2.5	38
34	A novel scheme for solving Caputo time-fractional nonlinear equations: theory and application. Nonlinear Dynamics, 2018, 91, 2389-2395.	2.7	34
35	Analytic solution of homogeneous time-invariant fractional IVP. Advances in Difference Equations, 2018, 2018, .	3.5	19
36	A numerical study on weak-dissipative two-mode perturbed Burgersâ€™ and Ostrovsky models: right-left moving waves. European Physical Journal Plus, 2018, 133, 1.	1.2	47

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37	New dual-mode Kadomtsev–Petviashvili model with strong–weak surface tension: analysis and application. Advances in Difference Equations, 2018, 2018, .	3.5	24
38	Dark and singular optical solutions with dual-mode nonlinear Schrödinger's equation and Kerr-law nonlinearity. Optik, 2018, 172, 822-825.	1.4	55
39	Locally trivial ?$_a$–actions on $\mathbb{A}^5$ with singular algebraic quotients. Communications in Algebra, 2017, 45, 4992-5001.	0.3	2
40	On graded P-compactly packed modules. Open Mathematics, 2015, 13, .	0.5	3
41	Proper triangular ?$_a$-actions on ?^{4} are translations. Algebra and Number Theory, 2014, 8, 1959-1984.	0.3	6
42	Equivariant Triviality of Quasi-Monomial Triangular $\mathbb{G}_{a}$ -Actions on $\mathbb{A}^{4}$. Springer Proceedings in Mathematics and Statistics, 2014, , 287-299.	0.1	0
43	An Assortment of Analytical Solution Schemes for System of FDEs With Multi-Memory Indices. SSRN Electronic Journal, 0, , .	0.4	0