

Hashim M Alshehri

List of Publications by Year in descending order

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docs citations

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times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability analysis of fractional nabla difference COVID-19 model. Results in Physics, 2021, 22, 103888.	4.1	67
2	Numerical analysis of dual variable of conductivity in bioconvection flow of Carreauâ€“Yasuda nanofluid containing gyrotactic motile microorganisms over a porous medium. Journal of Thermal Analysis and Calorimetry, 2021, 145, 2033-2044.	3.6	46
3	Magnetized and non-magnetized Casson fluid flow with gyrotactic microorganisms over a stratified stretching cylinder. Scientific Reports, 2021, 11, 16376.	3.3	27
4	Marangoniâ€“bioconvective flow of Reinerâ€“Philippoff nanofluid with melting phenomenon and nonuniform heat source/sink in the presence of a swimming microorganisms. Mathematical Methods in the Applied Sciences, 0, , .	2.3	22
5	Soret and Dufour effects on a Casson nanofluid flow past a deformable cylinder with variable characteristics and Arrhenius activation energy. Scientific Reports, 2021, 11, 19282.	3.3	20
6	Highly Dispersive Optical Solitons with Complex Ginzburgâ€“Landau Equation Having Six Nonlinear Forms. Mathematics, 2021, 9, 3270.	2.2	20
7	Adsorption Method for the Remediation of Brilliant Green Dye Using Halloysite Nanotube: Isotherm, Kinetic and Modeling Studies. Applied Sciences (Switzerland), 2021, 11, 8088.	2.5	14
8	Fractional Evolution Equations with Infinite Time Delay in Abstract Phase Space. Mathematics, 2022, 10, 1332.	2.2	11
9	Highly Dispersive Optical Soliton Perturbation, with Maximum Intensity, for the Complex Ginzburgâ€“Landau Equation by Semi-Inverse Variation. Mathematics, 2022, 10, 987.	2.2	9
10	Cubicâ€“quartic optical soliton perturbation and conservation laws with Lakshmananâ€“Porsezianâ€“Daniel model: Undetermined coefficients. Journal of Nonlinear Optical Physics and Materials, 0, , 2150007.	1.8	8
11	Cubicâ€“Quartic Optical Soliton Perturbation with Differential Group Delay for the Lakshmananâ€“Porsezianâ€“Daniel Model by Lie Symmetry. Symmetry, 2022, 14, 224.	2.2	8
12	A Recent Study on Remediation of Direct Blue 15 Dye Using Halloysite Nanotubes. Applied Sciences (Switzerland), 2021, 11, 8196.	2.5	7
13	A Special Study of the Mixed Weighted Fractional Brownian Motion. Fractal and Fractional, 2021, 5, 192.	3.3	7
14	Electroâ€“osmotic flow of fractional secondâ€“grade fluid with fractional Cattaneo heat flux through a vertical microchannel. Heat Transfer, 2021, 50, 6628-6644.	3.0	6
15	A Fractional Order Hepatitis C Mathematical Model with Mittag-Leffler Kernel. Journal of Function Spaces, 2021, 2021, 1-10.	0.9	6
16	Optical solitons in birefringent fibers with Sasaâ€“Satsuma equation having multiplicative noise with ItÅ´ calculus. Journal of Nonlinear Optical Physics and Materials, 2023, 32, .	1.8	6
17	Numerical study of highly dispersive optical solitons with differential group delay having quadratic-cubic law of refractive index by Laplaceâ€“Adomian decomposition. Journal of Nonlinear Optical Physics and Materials, 2022, 31, .	1.8	5
18	Cubicâ€“quartic solitons in couplers with optical metamaterials having power law of refractive index. Journal of Nonlinear Optical Physics and Materials, 2020, 29, 2050009.	1.8	4

#	ARTICLE	IF	CITATIONS
19	A Fractional-Order Sequential Hybrid System with an Application to a Biological System. Complexity, 2021, 2021, 1-9.	1.6	3
20	Optical Solitons in Fiber Bragg Gratings with Polynomial Law Nonlinearity and Cubic-Quartic Dispersive Reflectivity. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2022, 130, 28-34.	0.6	3
21	Existence and Numerical Analysis of Imperfect Testing Infectious Disease Model in the Sense of Fractional-Order Operator. Journal of Function Spaces, 2021, 2021, 1-11.	0.9	2
22	Nonlinear Dynamics of a Cavity Containing a Two-Mode Coherent Field Interacting with Two-Level Atomic Systems. Applied Sciences (Switzerland), 2020, 10, 7150.	2.5	1
23	Influence of the dissipation on the N-level atom interacting with a two two-level atoms in presence of qubit-qubit interaction. Scientific Reports, 2021, 11, 7345.	3.3	1
24	Knowledge about composite restorations repair vs replacement- a survey among a subpopulation of saudi dental students. Brazilian Dental Science, 2020, 24, .	0.4	1
25	The Demodulation Algorithm of Optical Fiber Fabry-Perot Sensor Using the Nonlinear Dynamic Characteristics of the Optical Fiber Broadband Light Source. Fractals, 0, , .	3.7	0
26	Influence of the nonlinearity of nondegenerate parametric amplifier cavity fields on quantum phenomena of two coupled qubits. European Physical Journal Plus, 2021, 136, 1.	2.6	0