Abdullah K Alzahrani

List of Publications by Year
in descending order

13 papers	266 citations	1163117 8 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	141 citing authors

#	Article	IF	Citations
1	RESEARCH ON STOCHASTIC FUZZY DIFFERENTIAL EQUATIONS IN MULTIPLE BLURRED IMAGE REPAIR MODELS. Fractals, 2022, 30, .	3.7	2
2	Fuzzy Neural Network Expert System with an Improved Gini Index Random Forest-Based Feature Importance Measure Algorithm for Early Diagnosis of Breast Cancer in Saudi Arabia. Big Data and Cognitive Computing, 2022, 6, 13.	4.7	29
3	Highly dispersive optical solitons with non-local law of refractive index by Laplace-Adomian decomposition. Optical and Quantum Electronics, 2021, 53, 1.	3.3	18
4	Cubic–quartic optical soliton perturbation and conservation laws with generalized Kudryashov's form of refractive index. Journal of Optics (India), 2021, 50, 354-360.	1.7	16
5	Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by traveling waves and Adomian decomposition. Optical and Quantum Electronics, 2021, 53, 1.	3.3	4
6	Optical soliton perturbation with Kudryashov's law of arbitrary refractive index. Journal of Optics (India), 2021, 50, 245-252.	1.7	10
7	Highly dispersive optical solitons with a polynomial law of refractive index by Laplace–Adomian decomposition. Journal of Computational Electronics, 2021, 20, 1216-1223.	2.5	12
8	Conservation Laws for Solitons in Magneto-optic Waveguides with Anti-cubic and Generalized Anti-cubic Nonlinearities. Regular and Chaotic Dynamics, 2021, 26, 456-461.	0.8	4
9	Highly dispersive optical solitons in birefringent fibers with four nonlinear forms using Kudryashov's approach. Journal of Optics (India), 2021, 50, 120-131.	1.7	49
10	Chaos in a nonautonomous eco-epidemiological model with delay. Applied Mathematical Modelling, 2020, 79, 865-880.	4.2	21
11	Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity. Journal of Optics (India), 2020, 49, 584-590.	1.7	54
12	An efficient numerical technique for a new fractional tuberculosis model with nonsingular derivative operator. Journal of Taibah University for Science, 2019, 13, 1147-1157.	2.5	37
13	Heat Transfer Investigation of the Unsteady Thin Film Flow of Williamson Fluid Past an Inclined and Oscillating Moving Plate. Applied Sciences (Switzerland), 2017, 7, 369.	2.5	10