

# Karmina Ali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4222733/publications.pdf>

Version: 2024-02-01

24  
papers

542  
citations

567281

15  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

142  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Analytical solutions for the (3+1)-dimensional nonlinear extended quantum Zakharov-Kuznetsov equation in plasma physics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 548, 124327. | 2.6 | 54        |
| 2  | Exact Soliton Solutions to the Cubic-Quartic Non-linear Schrödinger Equation With Conformable Derivative. <i>Frontiers in Physics</i> , 2020, 8, .   | 2.1 | 40        |
| 3  | Modulation instability analysis and analytical solutions to the system of equations for the ion sound and Langmuir waves. <i>Physica Scripta</i> , 2020, 95, 065602.                                       | 2.5 | 39        |
| 4  | Nonlinear pulse propagation for novel optical solitons modeled by Fokas system in monomode optical fibers. <i>Results in Physics</i> , 2022, 36, 105381.   | 4.1 | 38        |
| 5  | The dynamic behaviors of the Radhakrishnan-Kundu-Lakshmanan equation by Jacobi elliptic function expansion technique. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.                                | 3.3 | 38        |
| 6  | New optical solitons based on the perturbed Chen-Lee-Liu model through Jacobi elliptic function method. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.  | 3.3 | 37        |
| 7  | Propagation of dispersive wave solutions for (3 + 1)-dimensional nonlinear modified Zakharov-Kuznetsov equation in plasma physics. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050227.   | 2.0 | 34        |
| 8  | Abundant exact solutions to the strain wave equation in micro-structured solids. <i>Modern Physics Letters B</i> , 2021, 35, 2150439.  | 1.9 | 31        |
| 9  | On the New Wave Behaviors of the Gilson-Pickering Equation. <i>Frontiers in Physics</i> , 2020, 8, .   | 2.1 | 30        |
| 10 | Dynamic behavior of the (3+1)-dimensional KdV-Calogero-Bogoyavlenskii-Schiff equation. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.   | 3.3 | 25        |
| 11 | The ion sound and Langmuir waves dynamical system via computational modified generalized exponential rational function. <i>Chaos, Solitons and Fractals</i> , 2022, 161, 112381.                           | 5.1 | 25        |
| 12 | On dynamical behavior for optical solitons sustained by the perturbed Chen-Lee-Liu model. <i>Communications in Theoretical Physics</i> , 2022, 74, 075005.   | 2.5 | 22        |
| 13 | Extended Calogero-Bogoyavlenskii-Schiff equation and its dynamical behaviors. <i>Physica Scripta</i> , 2021, 96, 125249.   | 2.5 | 20        |
| 14 | MHD Casson fluid with heat transfer in a liquid film over unsteady stretching plate. <i>International Journal of Advanced and Applied Sciences</i> , 2016, 4, 55-58.                                       | 0.4 | 19        |
| 15 | M-lump solutions and interactions phenomena for the (2+1)-dimensional KdV equation with constant and time-dependent coefficients. <i>Chinese Journal of Physics</i> , 2022, 77, 2189-2200.                 | 3.9 | 19        |
| 16 | NUMERICAL SIMULATION USING THE HOMOTOPY PERTURBATION METHOD FOR A THIN LIQUID FILM OVER AN UNSTEADY STRETCHING SHEET. <i>International Journal of Pure and Applied Mathematics</i> , 2016, 107, .          | 0.2 | 15        |
| 17 | Analytical Solutions to the Coupled Boussinesq-Burgers Equations via Sine-Gordon Expansion Method. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 233-240.                                 | 0.6 | 14        |
| 18 | MHD CASSON FLOW OVER AN UNSTEADY STRETCHING SHEET. <i>Advances and Applications in Fluid Mechanics</i> , 2017, 20, 533-541.  | 0.1 | 12        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | WEISSENBERG AND WILLIAMSON MHD FLOW OVER A STRETCHING SURFACE WITH THERMAL RADIATION AND CHEMICAL REACTION. JP Journal of Heat and Mass Transfer, 2019, 18, 57-71. | 0.2 | 10        |
| 20 | Electrical circuits involving fractal time. Chaos, 2021, 31, 033132.   | 2.5 | 8         |
| 21 | Discrete fractional solutions to the kâ€ hypergeometric differential equation. Mathematical Methods in the Applied Sciences, 2021, 44, 7614-7621.                  | 2.3 | 6         |
| 22 | Discrete fractional solutions to the effective mass Schr&#246;dinger equation by mean of Nabla operator. AIMS Mathematics, 2020, 5, 894-903.                       | 1.6 | 3         |
| 23 | On discrete fractional solutions of the hydrogen atom type equations. Thermal Science, 2019, 23, 1935-1941.  | 1.1 | 2         |
| 24 | Solving fractal differential equations via fractal Laplace transforms. Journal of Applied Analysis, 2022, 28, 237-250.   | 0.5 | 1         |