# Wen-Hui Zhu

List of Publications by Year
in descending order

| 16 papers | 467 citations | 840585<br>11<br>h-index | 940416<br>16<br>g-index |
| --- | --- | --- | --- |
| 16<br>all docs | 16<br>docs citations | 16<br>times ranked | 224<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Different Wave Structures for the (2+1)-Dimensional Korteweg-de Vries Equation. Advances in Mathematical Physics, 2022, 2022, 1-10. | 0.4 | 1 |
| 2 | Nonlinear dynamics for different nonautonomous wave structures solutions of a (4+1)-dimensional variable-coefficient Kadomtsevâ€"Petviashvili equation in fluid mechanics. Nonlinear Dynamics, 2022, 108, 4171-4180. | 2.7 | 7 |
| 3 | Multiple rogue wave, breather wave and interaction solutions of a generalized (3 + 1)-dimensional variable-coefficient nonlinear wave equation. Nonlinear Dynamics, 2021, 103, 1841-1850. | 2.7 | 52 |
| 4 | Variable-coefficient symbolic computation approach for finding multiple rogue wave solutions of nonlinear system with variable coefficients. Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1. | 0.7 | 38 |
| 5 | Breather wave solutions for the Kadomtsevâ€"Petviashvili equation with variable coefficients in a fluid based on the variableâ€coefficient threeâ€wave approach. Mathematical Methods in the Applied Sciences, 2020, 43, 458-465. | 1.2 | 28 |
| 6 | Multi-wave, breather wave, and interaction solutions of the Hirotaâ€"Satsumaâ€"Ito equation. European Physical Journal Plus, 2020, 135, 1. | 1.2 | 27 |
| 7 | The general bilinear techniques for studying the propagation of mixed-type periodic and lump-type solutions in a homogenous-dispersive medium. AIP Advances, 2020, 10, . | 0.6 | 28 |
| 8 | Double-periodic soliton solutions for the new (2Â+Â1)-dimensional KdV equation in fluid flows and plasma physics. Analysis and Mathematical Physics, 2020, 10, 1. | 0.6 | 8 |
| 9 | An explicit plethora of different classes of interactive lump solutions for an extension form of 3D-Jimboâ€"Miwa model. European Physical Journal Plus, 2020, 135, 1. | 1.2 | 83 |
| 10 | Various exact analytical solutions of a variable-coefficient Kadomtsevâ€"Petviashvili equation. Nonlinear Dynamics, 2020, 100, 2739-2751. | 2.7 | 19 |
| 11 | Characteristics of lump solutions to a (3 + 1)-dimensional variable-coefficient generalized shallow water wave equation in oceanography and atmospheric science. European Physical Journal Plus, 2019, 134, 1. | 1.2 | 21 |
| 12 | Interaction Solutions for Kadomtsev-Petviashvili Equation with Variable Coefficients. Communications in Theoretical Physics, 2019, 71, 793. | 1.1 | 11 |
| 13 | Multi-waves, breather wave and lumpâ€"stripe interaction solutions in a (2$$+$$Â1)-dimensional variable-coefficient Kortewegâ€"de Vries equation. Nonlinear Dynamics, 2019, 97, 2127-2134. | 2.7 | 22 |
| 14 | Different complex wave structures described by the Hirota equation with variable coefficients in inhomogeneous optical fibers. Applied Physics B: Lasers and Optics, 2019, 125, 1. | 1.1 | 75 |
| 15 | Breather wave solutions for the generalized shallow water wave equation with variable coefficients in the atmosphere, rivers, lakes and oceans. Computers and Mathematics With Applications, 2019, 78, 848-856. | 1.4 | 39 |
| 16 | Mixed type exact solutions to the (2+1)-dimensional Ito equation. Modern Physics Letters B, 2018, 32, 1850343. | 1.0 | 8 |