# Usman Younas

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 10<br>papers | 346<br>citations | 933447<br>10<br>h-index | 1372567<br>10<br>g-index |
| 10<br>all docs | 10<br>docs citations | 10<br>times ranked | 58<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Optical bright–dark and Gaussian soliton with third order dispersion. Optik, 2017, 134, 233-238. | 2.9 | 80 |
| 2 | Investigation of exact soliton solutions in magneto-optic waveguides and its stability analysis. Results in Physics, 2021, 21, 103816. | 4.1 | 44 |
| 3 | Propagation of the pure-cubic optical solitons and stability analysis in the absence of chromatic dispersion. Optical and Quantum Electronics, 2021, 53, 490. | 3.3 | 43 |
| 4 | Stability analysis and optical soliton solutions to the nonlinear Schrödinger model with efficient computational techniques. Optical and Quantum Electronics, 2021, 53, 1. | 3.3 | 34 |
| 5 | On the exact soliton solutions and different wave structures to the double dispersive equation. Optical and Quantum Electronics, 2022, 54, 1. | 3.3 | 31 |
| 6 | Diversity of exact solutions and solitary waves with the influence of damping effect in ferrites materials. Journal of Magnetism and Magnetic Materials, 2022, 549, 168995. | 2.3 | 28 |
| 7 | Propagation of diverse solitary wave structures to the dynamical soliton model in mathematical physics. Optical and Quantum Electronics, 2021, 53, 1. | 3.3 | 25 |
| 8 | Dynamics of optical pulses in fiber optics. Modern Physics Letters B, 2022, 36, . | 1.9 | 22 |
| 9 | Dynamics of exact soliton solutions in the double-chain model of deoxyribonucleic acid. Mathematical Methods in the Applied Sciences, 2021, 44, 13357-13375. | 2.3 | 21 |
| 10 | On the lump solutions, breather waves, two-wave solutions of (2 + 1)-dimensional Pavlov equation and stability analysis. Modern Physics Letters B, 2022, 36, . | 1.9 | 18 |