

# Milivoj R Belic

## List of Publications by Citations

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511  
papers

11,096  
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51  
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ext. papers

13,314  
ext. citations

2.7  
avg, IF

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L-index

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 511 | Propagation Dynamics of a Light Beam in a Fractional Schrödinger Equation. <i>Physical Review Letters</i> , <b>2015</b> , 115, 180403   | 7.4 | 177       |
| 510 | Optical solitons in nonlinear directional couplers by sine-cosine function method and Bernoulli equation approach. <i>Nonlinear Dynamics</i> , <b>2015</b> , 81, 1933-1949      | 5   | 167       |
| 509 | Roadmap on optical rogue waves and extreme events. <i>Journal of Optics (United Kingdom)</i> , <b>2016</b> , 18, 063001   | 7.4 | 167       |
| 508 | Analytical light bullet solutions to the generalized (3+1)-dimensional nonlinear Schrödinger equation. <i>Physical Review Letters</i> , <b>2008</b> , 101, 123904               | 7.4 | 143       |
| 507 | Soliton pair generation in the interactions of Airy and nonlinear accelerating beams. <i>Optics Letters</i> , <b>2013</b> , 38, 4585-8  | 3   | 130       |
| 506 | Interactions of Airy beams, nonlinear accelerating beams, and induced solitons in Kerr and saturable nonlinear media. <i>Optics Express</i> , <b>2014</b> , 22, 7160-71         | 3.3 | 123       |
| 505 | Optical soliton perturbation with fractional-temporal evolution by first integral method with conformable fractional derivatives. <i>Optik</i> , <b>2016</b> , 127, 10659-10669 | 2.5 | 119       |
| 504 | Conservation laws for cubic-quartic optical solitons in Kerr and power law media. <i>Optik</i> , <b>2017</b> , 145, 650-654   | 2.5 | 112       |
| 503 | Resonant 1-soliton solution in anti-cubic nonlinear medium with perturbations. <i>Optik</i> , <b>2017</b> , 145, 14-17  | 2.5 | 111       |
| 502 | Optical solitons with complex Ginzburg-Landau equation. <i>Nonlinear Dynamics</i> , <b>2016</b> , 85, 1979-2016   | 5   | 110       |
| 501 | Periodic inversion and phase transition of finite energy Airy beams in a medium with parabolic potential. <i>Optics Express</i> , <b>2015</b> , 23, 10467-80                    | 3.3 | 109       |
| 500 | Cubic-quartic optical solitons in Kerr and power law media. <i>Optik</i> , <b>2017</b> , 144, 357-362   | 2.5 | 108       |
| 499 | Optical solitons and conservation laws with quadratic-cubic nonlinearity. <i>Optik</i> , <b>2017</b> , 128, 63-70   | 2.5 | 106       |
| 498 | Optical solitons for Lakshmanan-Borsezian-Daniel model by modified simple equation method. <i>Optik</i> , <b>2018</b> , 160, 24-32  | 2.5 | 105       |
| 497 | Sub pico-second pulses in mono-mode optical fibers with Kaup-Newell equation by a couple of integration schemes. <i>Optik</i> , <b>2018</b> , 167, 121-128                      | 2.5 | 103       |
| 496 | Optical solitons and conservation law of Kundu-Eckhaus equation. <i>Optik</i> , <b>2018</b> , 154, 551-557  | 2.5 | 101       |
| 495 | PT symmetry in a fractional Schrödinger equation. <i>Laser and Photonics Reviews</i> , <b>2016</b> , 10, 526-531  | 8.3 | 97        |

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|-----|---|-----|----|
| 494 | Solitons in magneto-optic waveguides by extended trial function scheme. <i>Superlattices and Microstructures</i> , <b>2017</b> , 107, 197-218   | 2.8 | 94 |
| 493 | Mitigating Internet bottleneck with fractional temporal evolution of optical solitons having quadratic-cubic nonlinearity. <i>Optik</i> , <b>2018</b> , 164, 84-92                      | 2.5 | 92 |
| 492 | Resonant optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. <i>Optik</i> , <b>2017</b> , 145, 18-21  | 2.5 | 92 |
| 491 | Optical solitons in nano-fibers with spatio-temporal dispersion by trial solution method. <i>Optik</i> , <b>2016</b> , 127, 7250-7257   | 2.5 | 92 |
| 490 | Interaction properties of solitonics in inhomogeneous optical fibers. <i>Nonlinear Dynamics</i> , <b>2019</b> , 95, 557-563   | 2.5 | 91 |
| 489 | Optical soliton perturbation with anti-cubic nonlinearity by semi-inverse variational principle. <i>Optik</i> , <b>2017</b> , 143, 131-134  | 2.5 | 90 |
| 488 | Exact spatial soliton solutions of the two-dimensional generalized nonlinear Schrödinger equation with distributed coefficients. <i>Physical Review A</i> , <b>2008</b> , 78,           | 2.6 | 90 |
| 487 | Generation and control of multiple solitons under the influence of parameters. <i>Nonlinear Dynamics</i> , <b>2019</b> , 95, 143-150  | 5   | 88 |
| 486 | Perturbation theory and optical soliton cooling with anti-cubic nonlinearity. <i>Optik</i> , <b>2017</b> , 142, 73-76   | 2.5 | 87 |
| 485 | Optical solitons with differential group delay for coupled Fokas-Lenells equation using two integration schemes. <i>Optik</i> , <b>2018</b> , 165, 74-86                                | 2.5 | 86 |
| 484 | Bright, dark, and singular solitons in optical fibers with spatio-temporal dispersion and spatially dependent coefficients. <i>Journal of Modern Optics</i> , <b>2016</b> , 63, 950-954 | 1.1 | 86 |
| 483 | Singular solitons in optical metamaterials by ansatz method and simplest equation approach. <i>Journal of Modern Optics</i> , <b>2014</b> , 61, 1550-1555                               | 1.1 | 86 |
| 482 | Optical soliton solutions to Fokas-Lenells equation using some different methods. <i>Optik</i> , <b>2018</b> , 173, 21-31   | 2.5 | 85 |
| 481 | Highly dispersive optical solitons with Kerr law nonlinearity by F-expansion. <i>Optik</i> , <b>2019</b> , 181, 1028-1038   | 2.5 | 82 |
| 480 | Optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. <i>Optik</i> , <b>2017</b> , 139, 16-19   | 2.5 | 76 |
| 479 | Optical soliton perturbation for Radhakrishnan-Kundu-Lakshmanan equation with a couple of integration schemes. <i>Optik</i> , <b>2018</b> , 163, 126-136                                | 2.5 | 74 |
| 478 | Diffraction-free beams in fractional Schrödinger equation. <i>Scientific Reports</i> , <b>2016</b> , 6, 23645   | 4.9 | 69 |
| 477 | Optical soliton perturbation for complex Ginzburg-Landau equation with modified simple equation method. <i>Optik</i> , <b>2018</b> , 158, 399-415                                       | 2.5 | 68 |

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| 476 | Bright and dark solitons in optical metamaterials. <i>Optik</i> , <b>2014</b> , 125, 3299-3302  | 2.5 | 68 |
| 475 | Three-dimensional optical vortex and necklace solitons in highly nonlocal nonlinear media. <i>Physical Review A</i> , <b>2009</b> , 79,   | 2.6 | 65 |
| 474 | Optical soliton perturbation for Gerdjikov-Ivanov equation via two analytical techniques. <i>Chinese Journal of Physics</i> , <b>2018</b> , 56, 2879-2886                         | 3.5 | 64 |
| 473 | Optical soliton perturbation with full nonlinearity for Kundu-Eckhaus equation by modified simple equation method. <i>Optik</i> , <b>2018</b> , 157, 1376-1380                    | 2.5 | 63 |
| 472 | Photonic Floquet topological insulators in atomic ensembles. <i>Laser and Photonics Reviews</i> , <b>2015</b> , 9, 331-338  | 3.3 | 58 |
| 471 | Spatiotemporal accessible solitons in fractional dimensions. <i>Physical Review E</i> , <b>2016</b> , 94, 012216  | 2.4 | 58 |
| 470 | Highly dispersive optical solitons with cubic-quintic-septic law by F-expansion. <i>Optik</i> , <b>2019</b> , 182, 897-906  | 2.5 | 57 |
| 469 | Combined stimulated Raman scattering and continuum self-phase modulations. <i>Physical Review A</i> , <b>1980</b> , 21, 1222-1224   | 2.6 | 57 |
| 468 | Nematicons in liquid crystals by extended trial equation method. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2017</b> , 26, 1750005                            | 0.8 | 56 |
| 467 | Rogue wave solutions to the generalized nonlinear Schrödinger equation with variable coefficients. <i>Physical Review E</i> , <b>2013</b> , 87, 065201                            | 2.4 | 55 |
| 466 | Engineered surface waves in hyperbolic metamaterials. <i>Optics Express</i> , <b>2013</b> , 21, 19113-27  | 3.3 | 55 |
| 465 | Optical solitons in (2+1)Dimensions with Kundu-Mukherjee-Naskar equation by extended trial function scheme. <i>Chinese Journal of Physics</i> , <b>2019</b> , 57, 72-77           | 3.5 | 55 |
| 464 | Optical solitons in DWDM system by extended trial equation method. <i>Optik</i> , <b>2017</b> , 141, 157-167  | 2.5 | 54 |
| 463 | Optical soliton perturbation with Fokas-Il'inell's equation using three exotic and efficient integration schemes. <i>Optik</i> , <b>2018</b> , 165, 288-294                       | 2.5 | 54 |
| 462 | Tunable invisibility cloaking by using isolated graphene-coated nanowires and dimers. <i>Scientific Reports</i> , <b>2017</b> , 7, 12186  | 4.9 | 54 |
| 461 | Two-dimensional accessible solitons in PT-symmetric potentials. <i>Nonlinear Dynamics</i> , <b>2012</b> , 70, 2027-2034   | 3.4 | 52 |
| 460 | Optical solitons with Lakshmanan-Borsezian-Daniel model using a couple of integration schemes. <i>Optik</i> , <b>2018</b> , 158, 705-711  | 2.5 | 50 |
| 459 | Soliton solutions to resonant nonlinear schrodinger's equation with time-dependent coefficients by modified simple equation method. <i>Optik</i> , <b>2016</b> , 127, 11450-11459 | 2.5 | 50 |

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| 458 | Anharmonic propagation of two-dimensional beams carrying orbital angular momentum in a harmonic potential. <i>Optics Letters</i> , <b>2015</b> , 40, 3786-9  | 3    | 49 |
| 457 | Optical solitons having weak non-local nonlinearity by two integration schemes. <i>Optik</i> , <b>2018</b> , 164, 380-384  | 4.5  | 48 |
| 456 | Dark and singular optical solitons with Kundu-Eckhaus equation by extended trial equation method and extended G'/G-expansion scheme. <i>Optik</i> , <b>2016</b> , 127, 10490-10497                             | 2.5  | 48 |
| 455 | Soliton tunneling in the nonlinear Schrödinger equation with variable coefficients and an external harmonic potential. <i>Physical Review E</i> , <b>2010</b> , 81, 056604                                     | 2.4  | 48 |
| 454 | Resonant optical solitons with parabolic and dual-power laws by semi-inverse variational principle. <i>Journal of Modern Optics</i> , <b>2018</b> , 65, 179-184  | 1.1  | 47 |
| 453 | Solitons in Optical Metamaterials by Functional Variable Method and First Integral Approach. <i>Frequenz</i> , <b>2014</b> , 68,   | 0.6  | 47 |
| 452 | Optical soliton perturbation with resonant nonlinear Schrödinger's equation having full nonlinearity by modified simple equation method. <i>Optik</i> , <b>2018</b> , 160, 33-43                               | 2.5  | 46 |
| 451 | Chirped femtosecond pulses in the higher-order nonlinear Schrödinger equation with non-Kerr nonlinear terms and cubic-quintic-septic nonlinearities. <i>Optics Communications</i> , <b>2016</b> , 366, 362-369 | 2    | 46 |
| 450 | Nanoscale wear of graphene and wear protection by graphene. <i>Carbon</i> , <b>2017</b> , 120, 137-144   | 10.4 | 44 |
| 449 | Three-dimensional localized Airy-Laguerre-Gaussian wave packets in free space. <i>Optics Express</i> , <b>2015</b> , 23, 23867-76  | 3.3  | 44 |
| 448 | Optical soliton perturbation with Gerdjikov-Ivanov equation by modified simple equation method. <i>Optik</i> , <b>2018</b> , 157, 1235-1240  | 2.5  | 44 |
| 447 | Controllable circular Airy beams via dynamic linear potential. <i>Optics Express</i> , <b>2016</b> , 24, 7495-506  | 3.3  | 44 |
| 446 | Highly dispersive optical solitons with undetermined coefficients. <i>Optik</i> , <b>2019</b> , 182, 890-896   | 2.5  | 43 |
| 445 | Propagation properties of dipole-managed solitons through an inhomogeneous cubic-quintic-septic medium. <i>Optics Communications</i> , <b>2018</b> , 425, 64-70  | 2    | 43 |
| 444 | Nonlinear Talbot effect of rogue waves. <i>Physical Review E</i> , <b>2014</b> , 89, 032902  | 2.4  | 43 |
| 443 | Accessible solitons of fractional dimension. <i>Annals of Physics</i> , <b>2016</b> , 368, 110-116   | 2.5  | 42 |
| 442 | Perturbed dark and singular optical solitons in polarization preserving fibers by modified simple equation method. <i>Superlattices and Microstructures</i> , <b>2017</b> , 111, 487-498                       | 2.8  | 42 |
| 441 | Optical solitons for Lakshmanan-Borsezian-Daniel model with spatio-temporal dispersion using the method of undetermined coefficients. <i>Optik</i> , <b>2017</b> , 144, 115-123                                | 2.5  | 42 |

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| 440 | Self-trapping of scalar and vector dipole solitary waves in Kerr media. <i>Physical Review A</i> , <b>2011</b> , 83,   | 2.6 | 42 |
| 439 | Chaos in photorefractive four-wave mixing with a single grating and a single interaction region. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1990</b> , 7, 1204         | 1.7 | 42 |
| 438 | Cubic-quartic optical solitons in birefringent fibers with four forms of nonlinear refractive index by exp-function expansion. <i>Results in Physics</i> , <b>2020</b> , 16, 102913                  | 3.7 | 42 |
| 437 | Highly dispersive optical solitons with quadratic-cubic law by F-expansion. <i>Optik</i> , <b>2019</b> , 182, 930-943  | 2.5 | 42 |
| 436 | Dispersive optical solitons with Schrödinger-Hirota equation by extended trial equation method. <i>Optik</i> , <b>2017</b> , 136, 451-461  | 2.5 | 41 |
| 435 | Dark and singular optical solitons with spatio-temporal dispersion using modified simple equation method. <i>Optik</i> , <b>2017</b> , 130, 324-331  | 2.5 | 41 |
| 434 | Robust three-dimensional spatial soliton clusters in strongly nonlocal media. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2008</b> , 41, 025402                          | 1.3 | 41 |
| 433 | Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity. <i>Journal of Optics (India)</i> , <b>2020</b> , 49, 584-590  | 1.3 | 41 |
| 432 | Optical soliton perturbation with complex Ginzburg-Landau equation using trial solution approach. <i>Optik</i> , <b>2018</b> , 160, 44-60  | 2.5 | 40 |
| 431 | Resonant optical solitons with dual-power law nonlinearity and fractional temporal evolution. <i>Optik</i> , <b>2018</b> , 165, 233-239  | 2.5 | 40 |
| 430 | Solitons in optical metamaterials with fractional temporal evolution. <i>Optik</i> , <b>2016</b> , 127, 10879-10897  | 2.5 | 40 |
| 429 | Bright, dark and W-shaped solitons with extended nonlinear Schrödinger's equation for odd and even higher-order terms. <i>Superlattices and Microstructures</i> , <b>2018</b> , 114, 53-61           | 2.8 | 39 |
| 428 | Anderson localization of light in PT-symmetric optical lattices. <i>Optics Letters</i> , <b>2012</b> , 37, 4455-7  | 3   | 39 |
| 427 | [INVITED] Soliton propagation through nanoscale waveguides in optical metamaterials. <i>Optics and Laser Technology</i> , <b>2016</b> , 77, 177-186  | 4.2 | 38 |
| 426 | Resonant mode conversions and Rabi oscillations in a fractional Schrödinger equation. <i>Optics Express</i> , <b>2017</b> , 25, 32401  | 3.3 | 38 |
| 425 | Automatic Fourier transform and self-Fourier beams due to parabolic potential. <i>Annals of Physics</i> , <b>2015</b> , 363, 305-315   | 2.5 | 37 |
| 424 | Unveiling the Link Between Fractional Schrödinger Equation and Light Propagation in Honeycomb Lattice. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1700149  | 2.6 | 37 |
| 423 | Solitons in Optical Metamaterials with Trial Solution Approach and Bäcklund Transform of Riccati Equation. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2015</b> , 12, 5940-5948 | 0.3 | 37 |

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| 4 <sup>22</sup> | Dark and singular dispersive optical solitons of Schrödinger-Hirota equation by modified simple equation method. <i>Optik</i> , <b>2017</b> , 136, 445-450  | 2.5 | 36 |
| 4 <sup>21</sup> | Mean-Field Theory of Ferromagnetic Superconductors. <i>Physical Review Letters</i> , <b>1979</b> , 42, 1015-1019  | 7.4 | 36 |
| 4 <sup>20</sup> | Optical soliton perturbation with full nonlinearity by trial equation method. <i>Optik</i> , <b>2018</b> , 157, 1366-1375   | 2.5 | 35 |
| 4 <sup>19</sup> | Counterpropagating nematicons in bias-free liquid crystals. <i>Optics Express</i> , <b>2010</b> , 18, 3258-63   | 3.3 | 35 |
| 4 <sup>18</sup> | Anderson localization of light near boundaries of disordered photonic lattices. <i>Physical Review A</i> , <b>2011</b> , 83,  | 2.6 | 35 |
| 4 <sup>17</sup> | Exact spatiotemporal wave and soliton solutions to the generalized (3+1)-dimensional Schrödinger equation for both normal and anomalous dispersion. <i>Optics Letters</i> , <b>2009</b> , 34, 1609-11 | 3   | 35 |
| 4 <sup>16</sup> | Optical solitons with Kudryashov equation by extended trial function. <i>Optik</i> , <b>2020</b> , 202, 163290  | 2.5 | 35 |
| 4 <sup>15</sup> | Optical solitons with DWDM technology and four-wave mixing. <i>Superlattices and Microstructures</i> , <b>2017</b> , 107, 254-266   | 2.8 | 34 |
| 4 <sup>14</sup> | Solitons for perturbed Gerdjikov-Ivanov equation in optical fibers and PCF by extended Kudryashov method. <i>Optical and Quantum Electronics</i> , <b>2018</b> , 50, 1                                | 2.4 | 34 |
| 4 <sup>13</sup> | Optical soliton perturbation with Radhakrishnan-Kundu-Lakshmanan equation by Lie group analysis. <i>Optik</i> , <b>2018</b> , 163, 137-141  | 2.5 | 34 |
| 4 <sup>12</sup> | Optical soliton perturbation with full nonlinearity for Gerdjikov-Ivanov equation by trial equation method. <i>Optik</i> , <b>2018</b> , 157, 1214-1218   | 2.5 | 34 |
| 4 <sup>11</sup> | Three-dimensional finite-energy Airy self-accelerating parabolic-cylinder light bullets. <i>Physical Review A</i> , <b>2013</b> , 88,   | 2.6 | 34 |
| 4 <sup>10</sup> | Oblique resonant optical solitons with Kerr and parabolic law nonlinearities and fractional temporal evolution by generalized exp(-t)-expansion. <i>Optik</i> , <b>2019</b> , 178, 439-448            | 2.5 | 34 |
| 4 <sup>09</sup> | Analysis of optical solitons in nonlinear negative-indexed materials with anti-cubic nonlinearity. <i>Optical and Quantum Electronics</i> , <b>2018</b> , 50, 1                                       | 2.4 | 33 |
| 4 <sup>08</sup> | Cubic-quartic bright optical solitons with improved Adomian decomposition method. <i>Journal of Advanced Research</i> , <b>2020</b> , 21, 161-167   | 13  | 33 |
| 4 <sup>07</sup> | Optical solitons to Lakshmanan-Porsezian-Daniel model for three nonlinear forms. <i>Optik</i> , <b>2018</b> , 160, 197292   | 2.5 | 32 |
| 4 <sup>06</sup> | Strain-enhanced superconductivity in Li-doped graphene. <i>Europhysics Letters</i> , <b>2014</b> , 108, 67005   | 1.6 | 32 |
| 4 <sup>05</sup> | Solitons in optical fiber Bragg gratings with dispersive reflectivity by extended trial function method. <i>Optik</i> , <b>2019</b> , 182, 88-94  | 2.5 | 32 |

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| 404 | Dispersive optical solitons with Schrödinger-Hirota model by trial equation method. <i>Optik</i> , <b>2018</b> , 162, 35-41  | 2.5 | 31 |
| 403 | Chirped optical solitons of Chen-Lee-Liu equation by extended trial equation scheme. <i>Optik</i> , <b>2018</b> , 156, 999-1006  | 2.5 | 31 |
| 402 | Optical soliton perturbation, group invariants and conservation laws of perturbed Fokas-Enells equation. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 114, 275-280  | 9.3 | 31 |
| 401 | Bright soliton interactions in a $(2 + 1)$ -dimensional fourth-order variable-coefficient nonlinear Schrödinger equation for the Heisenberg ferromagnetic spin chain. <i>Nonlinear Dynamics</i> , <b>2019</b> , 95, 983-994                | 5   | 31 |
| 400 | Solitons in optical metamaterials with anti-cubic nonlinearity. <i>European Physical Journal Plus</i> , <b>2018</b> , 133, 1   | 3.1 | 31 |
| 399 | Control of dark and anti-dark solitons in the $(2+1)$ -dimensional coupled nonlinear Schrödinger equations with perturbed dispersion and nonlinearity in a nonlinear optical system. <i>Nonlinear Dynamics</i> , <b>2019</b> , 97, 471-483 | 5   | 30 |
| 398 | Conservation laws for optical solitons in birefringent fibers and magneto-optic waveguides. <i>Optik</i> , <b>2016</b> , 127, 11662-11673  | 2.5 | 30 |
| 397 | Topological and singular soliton solution to Kundu-Eckhaus equation with extended Kudryashov's method. <i>Optik</i> , <b>2017</b> , 128, 57-62   | 2.5 | 30 |
| 396 | Light bullets in the spatiotemporal nonlinear Schrödinger equation with a variable negative diffraction coefficient. <i>Physical Review A</i> , <b>2011</b> , 84,  | 2.6 | 30 |
| 395 | Chirped optical solitons in nano optical fibers with dual-power law nonlinearity. <i>Optik</i> , <b>2017</b> , 142, 77-81  | 2.5 | 29 |
| 394 | Highly dispersive optical solitons with cubic-quintic-septic law by exp-expansion. <i>Optik</i> , <b>2019</b> , 186, 321-325   | 2.5 | 29 |
| 393 | Optical solitons with Lakshmanan-Borsezian-Daniel model by modified extended direct algebraic method. <i>Optik</i> , <b>2018</b> , 162, 228-236  | 2.5 | 29 |
| 392 | Singular optical solitons in birefringent nano-fibers. <i>Optik</i> , <b>2016</b> , 127, 8995-9000   | 2.5 | 29 |
| 391 | Chirped singular solitons for Chen-Lee-Liu equation in optical fibers and PCF. <i>Optik</i> , <b>2018</b> , 157, 156-160   | 2.5 | 29 |
| 390 | Conservation laws for optical solitons with Chen-Lee-Liu equation. <i>Optik</i> , <b>2018</b> , 174, 195-198   | 2.5 | 29 |
| 389 | Highly dispersive optical solitons with non-local nonlinearity by exp-function. <i>Optik</i> , <b>2019</b> , 186, 288-292  | 2.5 | 28 |
| 388 | Optical solitons and group invariant solutions to Lakshmanan-Borsezian-Daniel model in optical fibers and PCF. <i>Optik</i> , <b>2018</b> , 160, 86-91   | 2.5 | 28 |
| 387 | Spatiotemporal soliton clusters in strongly nonlocal media with variable potential coefficients. <i>Nonlinear Dynamics</i> , <b>2017</b> , 87, 827-834   | 5   | 28 |



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| 386 | Bright optical solitons with Kerr law nonlinearity and fifth order dispersion. <i>Optik</i> , <b>2017</b> , 128, 172-177   | 2.5 | 28 |
| 385 | Traveling and solitary wave solutions to the one-dimensional Gross-Pitaevskii equation. <i>Physical Review E</i> , <b>2010</b> , 81, 016605  | 2.4 | 28 |
| 384 | Traveling wave and soliton solutions of coupled nonlinear Schrödinger equations with harmonic potential and variable coefficients. <i>Physical Review E</i> , <b>2010</b> , 82, 047601                   | 2.4 | 28 |
| 383 | Two-dimensional Whittaker solitons in nonlocal nonlinear media. <i>Physical Review A</i> , <b>2008</b> , 78,   | 2.6 | 28 |
| 382 | Optical solitons and conservation laws with anti-cubic nonlinearity. <i>Optik</i> , <b>2016</b> , 127, 12056-12062   | 2.5 | 28 |
| 381 | Optical solitons with complex Ginzburg-Landau equation for two nonlinear forms using F-expansion. <i>Chinese Journal of Physics</i> , <b>2019</b> , 61, 255-261  | 3.5 | 27 |
| 380 | Special soliton structures in the (2+1)-dimensional nonlinear Schrödinger equation with radially variable diffraction and nonlinearity coefficients. <i>Physical Review E</i> , <b>2011</b> , 83, 036603 | 2.4 | 27 |
| 379 | Chirped dark and gray solitons for Chen-Lee-Liu equation in optical fibers and PCF. <i>Optik</i> , <b>2018</b> , 155, 329-333  | 2.5 | 27 |
| 378 | Optical soliton perturbation with quadratic-cubic nonlinearity using a couple of strategic algorithms. <i>Chinese Journal of Physics</i> , <b>2018</b> , 56, 1990-1998                                   | 3.5 | 27 |
| 377 | Accelerating Airy-Gauss-Bessel localized wave packets. <i>Annals of Physics</i> , <b>2014</b> , 340, 171-178   | 2.5 | 26 |
| 376 | Propagation of chirped gray optical dips in nonlinear metamaterials. <i>Optics Communications</i> , <b>2019</b> , 430, 461-466   | 2   | 26 |
| 375 | Chirped and chirp-free optical solitons with generalized anti-cubic nonlinearity by extended trial function scheme. <i>Optik</i> , <b>2019</b> , 178, 636-644  | 2.5 | 26 |
| 374 | Optical soliton perturbation of Fokas-Lenells equation with two integration schemes. <i>Optik</i> , <b>2018</b> , 165, 111-116   | 2.5 | 25 |
| 373 | Chirped w-shaped optical solitons of Chen-Lee-Liu equation. <i>Optik</i> , <b>2018</b> , 155, 208-212  | 2.5 | 25 |
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| 218 | Optical solitons with differential group delay for complex Ginzburg-Landau equation. <i>Results in Physics</i> , <b>2020</b> , 16, 102888  | 3.7 | 10 |
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| 214 | Stationary optical solitons with nonlinear group velocity dispersion by extended trial function scheme. <i>Optik</i> , <b>2018</b> , 171, 529-542  | 2.5 | 10 |
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| 212 | Stationary optical solitons with nonlinear chromatic dispersion having quadratic-cubic law of refractive index. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2020</b> , 384, 126606 | 2.3 | 9  |
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| 209 | Optical solitons in parabolic law medium with weak non-local nonlinearity by extended trial function method. <i>Optik</i> , <b>2018</b> , 163, 56-61   | 2.5 | 9  |
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| 199 | Optical solitons with differential group delay for complex Ginzburg-Landau equation having Kerr and parabolic laws of refractive index. <i>Optik</i> , <b>2020</b> , 202, 163737        | 2.5 | 9 |
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| 197 | Propagation of chirped periodic and localized waves with higher-order effects through optical fibers. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 146, 110873                   | 9.3 | 9 |
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| 190 | Sequel to stationary optical solitons with nonlinear group velocity dispersion by extended trial function scheme. <i>Optik</i> , <b>2018</b> , 172, 636-650                             | 2.5 | 8 |
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| 188 | Optical solitons with nonlocal-parabolic combo nonlinearity by Lie symmetry analysis coupled with modified G <sup>2</sup> /G-expansion. <i>Results in Physics</i> , <b>2019</b> , 15, 102713  | 3.7 | 8 |
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| 170 | Solitons in nonlinear directional couplers with optical metamaterials by first integral method. <i>Optik</i> , <b>2020</b> , 218, 165208   | 2.5 | 7 |
| 169 | Solitons in magneto-optic waveguides with anti-cubic nonlinearity. <i>Optik</i> , <b>2020</b> , 222, 165313  | 2.5 | 7 |
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