

# Abdul Majid Wazwaz

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6379589/abdul-majid-wazwaz-publications-by-citations.pdf>

**Version:** 2023-09-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

528  
papers

17,917  
citations

68  
h-index

104  
g-index

547  
ext. papers

20,526  
ext. citations

2.8  
avg, IF

8.39  
L-index

#	Paper	IF	Citations
528	Partial Differential Equations and Solitary Waves Theory. <i>Nonlinear Physical Science</i> , <b>2009</b> ,	0.1	437
527	A reliable modification of Adomian decomposition method. <i>Applied Mathematics and Computation</i> , <b>1999</b> , 102, 77-86	2.7	407
526	The tanh method for traveling wave solutions of nonlinear equations. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 154, 713-723	2.7	365
525	A new algorithm for calculating adomian polynomials for nonlinear operators. <i>Applied Mathematics and Computation</i> , <b>2000</b> , 111, 33-51	2.7	351
524	A new algorithm for solving differential equations of Lane-Emden type. <i>Applied Mathematics and Computation</i> , <b>2001</b> , 118, 287-310	2.7	251
523	Linear and Nonlinear Integral Equations <b>2011</b> ,		210
522	New solitons and kink solutions for the Gardner equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2007</b> , 12, 1395-1404	3.7	193
521	Multiple-soliton solutions for the KP equation by Hirota's bilinear method and by the tanh-coth method. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 190, 633-640	2.7	187
520	The extended tanh method for new solitons solutions for many forms of the fifth-order KdV equations. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 184, 1002-1014	2.7	185
519	A new modification of the Adomian decomposition method for linear and nonlinear operators. <i>Applied Mathematics and Computation</i> , <b>2001</b> , 122, 393-405	2.7	181
518	A new method for solving singular initial value problems in the second-order ordinary differential equations. <i>Applied Mathematics and Computation</i> , <b>2002</b> , 128, 45-57	2.7	180
517	The tan h method: solitons and periodic solutions for the Dodd-Bullough-Mikhailov and the Tzitzeica-Dodd-Bullough equations. <i>Chaos, Solitons and Fractals</i> , <b>2005</b> , 25, 55-63	9.3	179
516	The tanh-coth method for solitons and kink solutions for nonlinear parabolic equations. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 188, 1467-1475	2.7	176
515	Adomian decomposition method for a reliable treatment of the Bratu-type equations. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 166, 652-663	2.7	161
514	The extended tanh method for abundant solitary wave solutions of nonlinear wave equations. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 187, 1131-1142	2.7	141
513	Adomian decomposition method for a reliable treatment of the Emden-Fowler equation. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 161, 543-560	2.7	139
512	Analytical approximations and Padé approximants for Volterra's population model. <i>Applied Mathematics and Computation</i> , <b>1999</b> , 100, 13-25	2.7	139

511	A study on linear and nonlinear Schrodinger equations by the variational iteration method. <i>Chaos, Solitons and Fractals</i> , <b>2008</b> , 37, 1136-1142	9.3	138
510	The tanh method: exact solutions of the sine-Gordon and the sinh-Gordon equations. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 167, 1196-1210	2.7	137
509	Multiple-soliton solutions for the Boussinesq equation. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 192, 479-486	2.7	126
508	The modified decomposition method and Padé approximants for solving the Thomas-Bermi equation. <i>Applied Mathematics and Computation</i> , <b>1999</b> , 105, 11-19	2.7	123
507	Solving the $(3+1)$ -dimensional KP-Boussinesq and BK-PBoussinesq equations by the simplified Hirota method. <i>Nonlinear Dynamics</i> , <b>2017</b> , 88, 3017-3021	5	122
506	The tanh and the sine-cosine methods for a reliable treatment of the modified equal width equation and its variants. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2006</b> , 11, 148-160	2.7	122
505	The combined Laplace transform-Adomian decomposition method for handling nonlinear Volterra integro-differential equations. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 216, 1304-1309	2.7	113
504	The Hirota direct method for multiple-soliton solutions for three model equations of shallow water waves. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 201, 489-503	2.7	113
503	Multiple-front solutions for the Burgers equation and the coupled Burgers equations. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 190, 1198-1206	2.7	112
502	The extended tanh method for the Zakharov-Kuznetsov (ZK) equation, the modified ZK equation, and its generalized forms. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2008</b> , 13, 1039-1047	3.7	109
501	The modified decomposition method for analytic treatment of differential equations. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 173, 165-176	2.7	107
500	A First Course in Integral Equations <b>1997</b> ,		107
499	The Hirota direct method and the tanh-coth method for multiple-soliton solutions of the Sawada-Kotera-Lo seventh-order equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 199, 133-138	2.7	105
498	Bright and dark soliton solutions for a equation with t-dependent coefficients. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 373, 2162-2165	2.3	104
497	New travelling wave solutions to the Boussinesq and the Klein-Gordon equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2008</b> , 13, 889-901	3.7	104
496	A comparison between the variational iteration method and Adomian decomposition method. <i>Journal of Computational and Applied Mathematics</i> , <b>2007</b> , 207, 129-136	2.4	103
495	Solitary wave solutions for modified forms of Degasperis-Procesi and Camassa-Holm equations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 352, 500-504	2.3	103
494	The tanh and the sine-cosine methods for compact and noncompact solutions of the nonlinear Klein-Gordon equation. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 167, 1179-1195	2.7	102

493	Multiple-soliton solutions for extended (3+1)-dimensional Jimbo-Miwa equations. <i>Applied Mathematics Letters</i> , <b>2017</b> , 64, 21-26	3.5	99
492	The sine-cosine method for obtaining solutions with compact and noncompact structures. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 159, 559-576	2.7	99
491	Multiple-soliton solutions for the Calogero-Bogoyavlenskii-Schiff, Jimbo-Miwa and YTSF equations. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 203, 592-597	2.7	98
490	A computational approach to soliton solutions of the Kadomtsev-Petviashvili equation. <i>Applied Mathematics and Computation</i> , <b>2001</b> , 123, 205-217	2.7	96
489	The tanh method for generalized forms of nonlinear heat conduction and Burgers-Fisher equations. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 169, 321-338	2.7	95
488	A comparison between Adomian decomposition method and Taylor series method in the series solutions. <i>Applied Mathematics and Computation</i> , <b>1998</b> , 97, 37-44	2.7	91
487	Compactons, solitons and periodic solutions for some forms of nonlinear Klein-Gordon equations. <i>Chaos, Solitons and Fractals</i> , <b>2006</b> , 28, 1005-1013	9.3	91
486	The extended tanh method for new compact and noncompact solutions for the KPBBM and the ZKBBM equations. <i>Chaos, Solitons and Fractals</i> , <b>2008</b> , 38, 1505-1516	9.3	90
485	An efficient algorithm to construct multi-soliton rational solutions of the (2+ 1)-dimensional KdV equation with variable coefficients. <i>Applied Mathematics and Computation</i> , <b>2018</b> , 321, 282-289	2.7	89
484	The variational iteration method for rational solutions for KdV, . <i>Journal of Computational and Applied Mathematics</i> , <b>2007</b> , 207, 18-23	2.4	88
483	Nature-inspired computing approach for solving non-linear singular Emden-Fowler problem arising in electromagnetic theory. <i>Connection Science</i> , <b>2015</b> , 27, 377-396	2.8	87
482	The decomposition method applied to systems of partial differential equations and to the reaction-diffusion Brusselator model. <i>Applied Mathematics and Computation</i> , <b>2000</b> , 110, 251-264	2.7	87
481	The variational iteration method for solving linear and nonlinear systems of PDEs. <i>Computers and Mathematics With Applications</i> , <b>2007</b> , 54, 895-902	2.7	83
480	Gaussian solitary wave solutions for nonlinear evolution equations with logarithmic nonlinearities. <i>Nonlinear Dynamics</i> , <b>2016</b> , 83, 591-596	5	82
479	A general bilinear form to generate different wave structures of solitons for a (3+1)-dimensional Boiti-Leon-Manna-Pempinelli equation. <i>Mathematical Methods in the Applied Sciences</i> , <b>2019</b> , 42, 6277-6283	2.3	82
478	Distinct variants of the KdV equation with compact and noncompact structures. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 150, 365-377	2.7	82
477	New solitary wave solutions to the modified forms of Degasperis-Procesi and Camassa-Holm equations. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 186, 130-141	2.7	81
476	A new (3+1)-dimensional generalized Kadomtsev-Petviashvili equation. <i>Nonlinear Dynamics</i> , <b>2016</b> , 84, 1107-1112	5	80

475	A new integrable ((3+1))-dimensional KdV-like model with its multiple-soliton solutions. <i>Nonlinear Dynamics</i> , <b>2016</b> , 83, 1529-1534	5	80
474	Solving coupled Lane-Emden boundary value problems in catalytic diffusion reactions by the Adomian decomposition method. <i>Journal of Mathematical Chemistry</i> , <b>2014</b> , 52, 255-267	2.1	80
473	Exact solutions with solitons and periodic structures for the Zakharov-Kuznetsov (ZK) equation and its modified form. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2005</b> , 10, 597-606	3.7	80
472	The numerical solution of sixth-order boundary value problems by the modified decomposition method. <i>Applied Mathematics and Computation</i> , <b>2001</b> , 118, 311-325	2.7	80
471	The variational iteration method for solving two forms of Blasius equation on a half-infinite domain. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 188, 485-491	2.7	77
470	The numerical solution of fifth-order boundary value problems by the decomposition method. <i>Journal of Computational and Applied Mathematics</i> , <b>2001</b> , 136, 259-270	2.4	76
469	A variety of nonautonomous complex wave solutions for the (2+1)-dimensional nonlinear Schrödinger equation with variable coefficients in nonlinear optical fibers. <i>Optik</i> , <b>2019</b> , 180, 917-923	2.5	76
468	General solutions with solitary patterns for the defocusing branch of the nonlinear dispersive K(n,n) equations in higher dimensional spaces. <i>Applied Mathematics and Computation</i> , <b>2002</b> , 133, 229-244	2.7	74
467	Dynamical analysis of lump solutions for (3 + 1) dimensional generalized KP-Boussinesq equation and its dimensionally reduced equations. <i>Physica Scripta</i> , <b>2018</b> , 93, 075203	2.6	72
466	Multiple-soliton solutions for a (3 + 1)-dimensional generalized KP equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2012</b> , 17, 491-495	3.7	71
465	The tanh method for travelling wave solutions to the Zhiber-Bhabat equation and other related equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2008</b> , 13, 584-592	3.7	71
464	Multiple-front solutions for the Burgers-Adomtsev-Betviashvili equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 200, 437-443	2.7	71
463	A reliable treatment for mixed Volterra-Bredholm integral equations. <i>Applied Mathematics and Computation</i> , <b>2002</b> , 127, 405-414	2.7	70
462	The variational iteration method: A reliable analytic tool for solving linear and nonlinear wave equations. <i>Computers and Mathematics With Applications</i> , <b>2007</b> , 54, 926-932	2.7	68
461	A reliable algorithm for solving boundary value problems for higher-order integro-differential equations. <i>Applied Mathematics and Computation</i> , <b>2001</b> , 118, 327-342	2.7	68
460	New solitary wave solutions to the Kuramoto-Sivashinsky and the Kawahara equations. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 182, 1642-1650	2.7	67
459	General compactons solutions for the focusing branch of the nonlinear dispersive K(n,n) equations in higher-dimensional spaces. <i>Applied Mathematics and Computation</i> , <b>2002</b> , 133, 213-227	2.7	66
458	New (3+1)-dimensional equations of Burgers type and Sharma-Massimov type: multiple-soliton solutions. <i>Nonlinear Dynamics</i> , <b>2017</b> , 87, 2457-2461	5	65

457	Adomian decomposition method for solving the Volterra integral form of the Lane-Emden equations with initial values and boundary conditions. <i>Applied Mathematics and Computation</i> , <b>2013</b> , 219, 5004-5019	2.7	65
456	The variational iteration method for solving nonlinear singular boundary value problems arising in various physical models. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2011</b> , 16, 3881-3886	2.7	65
455	Travelling wave solutions of generalized forms of Burgers, Burgers-KdV and Burgers-Huxley equations. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 169, 639-656	2.7	65
454	The tanh method and the sine-cosine method for solving the KP-MEW equation. <i>International Journal of Computer Mathematics</i> , <b>2005</b> , 82, 235-246	1.2	65
453	Abundant complex wave solutions for the nonautonomous Fokas-Enells equation in presence of perturbation terms. <i>Optik</i> , <b>2019</b> , 181, 503-513	2.5	65
452	New solitons and kinks solutions to the Sharma-Tasso-Olver equation. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 188, 1205-1213	2.7	63
451	Solitons and singular solitons for the Gardner-KP equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 204, 162-169	2.7	63
450	Multiple soliton solutions and multiple complex soliton solutions for two distinct Boussinesq equations. <i>Nonlinear Dynamics</i> , <b>2016</b> , 85, 731-737	5	63
449	Necessary conditions for the appearance of noise terms in decomposition solution series. <i>Applied Mathematics and Computation</i> , <b>1997</b> , 81, 265-274	2.7	62
448	Multiple-soliton solutions for the Lax-Adomtsev-Betviashvili (Lax-KP) equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 201, 168-174	2.7	62
447	Analytical solution for the time-dependent Emden-Fowler type of equations by Adomian decomposition method. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 166, 638-651	2.7	62
446	Two-mode fifth-order KdV equations: necessary conditions for multiple-soliton solutions to exist. <i>Nonlinear Dynamics</i> , <b>2017</b> , 87, 1685-1691	5	61
445	The variational iteration method: A powerful scheme for handling linear and nonlinear diffusion equations. <i>Computers and Mathematics With Applications</i> , <b>2007</b> , 54, 933-939	2.7	61
444	Analytic treatment for variable coefficient fourth-order parabolic partial differential equations. <i>Applied Mathematics and Computation</i> , <b>2001</b> , 123, 219-227	2.7	61
443	Combined optical solitary waves of the Fokas-Enells equation. <i>Waves in Random and Complex Media</i> , <b>2017</b> , 27, 587-593	1.9	60
442	The variational iteration method for analytic treatment for linear and nonlinear ODEs. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 212, 120-134	2.7	60
441	The tanh-coth and the sech methods for exact solutions of the Jaulent-Miodek equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2007</b> , 366, 85-90	2.3	59
440	Exact solutions for the generalized sine-Gordon and the generalized sinh-Gordon equations. <i>Chaos, Solitons and Fractals</i> , <b>2006</b> , 28, 127-135	9.3	59

439	The modified decomposition method and Padé approximants for a boundary layer equation in unbounded domain. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 177, 737-744	2.7	58
438	Bright and dark optical solitons for Schrödinger-Hirota equation with variable coefficients. <i>Optik</i> , <b>2019</b> , 179, 479-484	2.5	57
437	Sub-ODE method and soliton solutions for the variable-coefficient mKdV equation. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 214, 370-373	2.7	56
436	Solitary wave solutions of the generalized shallow water wave (GSWW) equation by Hirota method, tanh method and Exp-function method. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 202, 275-286	2.7	56
435	Analytic study on Burgers, Fisher, Huxley equations and combined forms of these equations. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 195, 754-761	2.7	55
434	Multiple-soliton solutions of two extended model equations for shallow water waves. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 201, 790-799	2.7	55
433	Two reliable methods for solving variants of the KdV equation with compact and noncompact structures. <i>Chaos, Solitons and Fractals</i> , <b>2006</b> , 28, 454-462	9.3	55
432	Exact solutions for the fourth order nonlinear Schrödinger equations with cubic and power law nonlinearities. <i>Mathematical and Computer Modelling</i> , <b>2006</b> , 43, 802-808		55
431	New solitons and periodic wave solutions for the (2+1)-dimensional Heisenberg ferromagnetic spin chain equation. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2016</b> , 30, 788-794	1.3	55
430	Reliable analysis for nonlinear Schrödinger equations with a cubic nonlinearity and a power law nonlinearity. <i>Mathematical and Computer Modelling</i> , <b>2006</b> , 43, 178-184		54
429	Exact solutions to nonlinear diffusion equations obtained by the decomposition method. <i>Applied Mathematics and Computation</i> , <b>2001</b> , 123, 109-122	2.7	54
428	A new modified Adomian decomposition method and its multistage form for solving nonlinear boundary value problems with Robin boundary conditions. <i>Applied Mathematical Modelling</i> , <b>2013</b> , 37, 8687-8708	4.5	53
427	Abundant solutions of various physical features for the (2+1)-dimensional modified KdV-Calogero-Bogoyavlenskii-Schiff equation. <i>Nonlinear Dynamics</i> , <b>2017</b> , 89, 1727-1732	5	52
426	Solution of the model of beam-type micro- and nano-scale electrostatic actuators by a new modified Adomian decomposition method for nonlinear boundary value problems. <i>International Journal of Non-Linear Mechanics</i> , <b>2013</b> , 49, 159-169	2.8	52
425	The tanh method and the sine-cosine methods for kinks, solitons, and periodic solutions for the Pochhammer three equations. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 195, 24-33	2.7	52
424	The Hirota bilinear method and the tanh method for multiple-soliton solutions of the Sawada-Kotera-Radomtsev-Petviashvili equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 200, 160-166	2.7	52
423	The tanh method and a variable separated ODE method for solving double sine-Gordon equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 350, 367-370	2.3	52
422	Lie symmetry analysis, exact analytical solutions and dynamics of solitons for (2 + 1)-dimensional NNV equations. <i>Physica Scripta</i> , <b>2020</b> , 95, 095204	2.6	52

4 <sup>21</sup>	A two-mode modified KdV equation with multiple soliton solutions. <i>Applied Mathematics Letters</i> , <b>2017</b> , 70, 1-6	3.5	51
4 <sup>20</sup>	New solitary wave solutions to the modified Kawahara equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2007</b> , 360, 588-592	2.3	51
4 <sup>19</sup>	New solutions of distinct physical structures to high-dimensional nonlinear evolution equations. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 196, 363-370	2.7	50
4 <sup>18</sup>	Nonlinear variants of the BBM equation with compact and noncompact physical structures. <i>Chaos, Solitons and Fractals</i> , <b>2005</b> , 26, 767-776	9.3	50
4 <sup>17</sup>	Painlevé analysis and invariant solutions of generalized fifth-order nonlinear integrable equation. <i>Nonlinear Dynamics</i> , <b>2018</b> , 94, 2469-2477	5	49
4 <sup>16</sup>	Optical soliton solutions to the generalized nonautonomous nonlinear Schrödinger equations in optical fibers via the sine-Gordon expansion method. <i>Optik</i> , <b>2020</b> , 208, 164132	2.5	49
4 <sup>15</sup>	Two new integrable fourth-order nonlinear equations: multiple soliton solutions and multiple complex soliton solutions. <i>Nonlinear Dynamics</i> , <b>2018</b> , 94, 2655-2663	5	48
4 <sup>14</sup>	New compactons, solitons and periodic solutions for nonlinear variants of the KdV and the KP equations. <i>Chaos, Solitons and Fractals</i> , <b>2004</b> , 22, 249-260	9.3	48
4 <sup>13</sup>	General high-order breathers and rogue waves in the (3+1)-dimensional KP-Boussinesq equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2018</b> , 64, 1-13	3.7	47
4 <sup>12</sup>	Analyzing the combined multi-waves polynomial solutions in a two-layer-liquid medium. <i>Computers and Mathematics With Applications</i> , <b>2018</b> , 76, 276-283	2.7	47
4 <sup>11</sup>	A new numerical approach to solve Thomas-Fermi model of an atom using bio-inspired heuristics integrated with sequential quadratic programming. <i>SpringerPlus</i> , <b>2016</b> , 5, 1400		47
4 <sup>10</sup>	Lump, breather and solitary wave solutions to new reduced form of the generalized BKP equation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 29, 569-579	4.5	47
4 <sup>09</sup>	Two B-type Kadomtsev-Petviashvili equations of (2+1) and (3+1) dimensions: Multiple soliton solutions, rational solutions and periodic solutions. <i>Computers and Fluids</i> , <b>2013</b> , 86, 357-362	2.8	46
4 <sup>08</sup>	The variational iteration method for exact solutions of Laplace equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2007</b> , 363, 260-262	2.3	46
4 <sup>07</sup>	Travelling wave solutions for combined and double combined sine-cosine-Gordon equations by the variable separated ODE method. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 177, 755-760	2.7	46
4 <sup>06</sup>	An analytic study of compactons structures in a class of nonlinear dispersive equations. <i>Mathematics and Computers in Simulation</i> , <b>2003</b> , 63, 35-44	3.3	46
4 <sup>05</sup>	The Numerical Solution of Special Fourth-Order Boundary Value Problems by the Modified Decomposition Method. <i>International Journal of Computer Mathematics</i> , <b>2002</b> , 79, 345-356	1.2	46
4 <sup>04</sup>	Bright and dark optical solitons for (2+1)-dimensional Schrödinger (NLS) equations in the anomalous dispersion regimes and the normal dispersive regimes. <i>Optik</i> , <b>2019</b> , 192, 162948	2.5	45



403	A reliable technique for solving the wave equation in an infinite one-dimensional medium. <i>Applied Mathematics and Computation</i> , <b>1998</b> , 92, 1-7	2.7	45
402	Exact and explicit travelling wave solutions for the nonlinear Drinfeld-Sokolov system. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2006</b> , 11, 311-325	3.7	44
401	An algorithm based on the variational iteration technique for the Bratu-type and the Lane-Emden problems. <i>Journal of Mathematical Chemistry</i> , <b>2016</b> , 54, 527-551	2.1	43
400	Multiple soliton solutions for (2 + 1)-dimensional Sawada-Kotera and Caudrey-Dodd-Gibbon equations. <i>Mathematical Methods in the Applied Sciences</i> , <b>2011</b> , 34, 1580-1586	2.3	43
399	Integrable (2+1)-dimensional and (3+1)-dimensional breaking soliton equations. <i>Physica Scripta</i> , <b>2010</b> , 81, 035005	2.6	43
398	New sets of solitary wave solutions to the KdV, mKdV, and the generalized KdV equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2008</b> , 13, 331-339	3.7	43
397	A comparison study between the modified decomposition method and the traditional methods for solving nonlinear integral equations. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 181, 1703-1712	2.7	43
396	The Modified Adomian Decomposition Method for Solving Linear and Nonlinear Boundary Value Problems of Tenth-order and Twelfth-order. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , <b>2000</b> , 1,	1.8	43
395	Complex simplified Hirota forms and Lie symmetry analysis for multiple real and complex soliton solutions of the modified KdV-Burgers-Gordon equation. <i>Nonlinear Dynamics</i> , <b>2019</b> , 95, 2209-2215	5	43
394	New integrable Boussinesq equations of distinct dimensions with diverse variety of soliton solutions. <i>Nonlinear Dynamics</i> , <b>2019</b> , 97, 83-94	5	42
393	Multiple kink solutions and multiple singular kink solutions for (2+1)-dimensional nonlinear models generated by the Jaulent-Miodek hierarchy. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 373, 1844-1846	2.3	42
392	New (3+1)-dimensional nonlinear evolution equations with mKdV equation constituting its main part: Multiple soliton solutions. <i>Chaos, Solitons and Fractals</i> , <b>2015</b> , 76, 93-97	9.3	41
391	Multiple kink solutions and multiple singular kink solutions for the (2+1)-dimensional Burgers equations. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 204, 817-823	2.7	41
390	New exact solitary wave solutions of the strain wave equation in microstructured solids via the generalized exponential rational function method. <i>European Physical Journal Plus</i> , <b>2020</b> , 135, 1	3.1	41
389	Multiple kink solutions and multiple singular kink solutions for two systems of coupled Burgers-type equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2009</b> , 14, 2962-2970	2.7	40
388	Single and multiple-soliton solutions for the (2+1)-dimensional KdV equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 204, 20-26	2.7	40
387	A class of nonlinear fourth order variant of a generalized Camassa-Holm equation with compact and noncompact solutions. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 165, 485-501	2.7	40
386	Multiple soliton solutions for the ()-dimensional asymmetric Nizhnik-Novikov-Veselov equation. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2010</b> , 72, 1314-1318	1.3	39

385	The sine-cosine and the tanh methods: Reliable tools for analytic treatment of nonlinear dispersive equations. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 173, 150-164	2.7	39
384	Abundant solitons solutions for several forms of the fifth-order KdV equation by using the tanh method. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 182, 283-300	2.7	39
383	Painlevé analysis for a new integrable equation combining the modified Calogero-Bogoyavlenskii-Schiff (MCBS) equation with its negative-order form. <i>Nonlinear Dynamics</i> , <b>2018</b> , 91, 877-883	5	39
382	N-soliton solutions for the Vakhnenko equation and its generalized forms. <i>Physica Scripta</i> , <b>2010</b> , 82, 065006	2.6	38
381	A study on nonlinear dispersive partial differential equations of compact and noncompact solutions. <i>Applied Mathematics and Computation</i> , <b>2003</b> , 135, 399-409	2.7	38
380	Analytic study on triple-S, triple-triangle structure interactions for solitons in inhomogeneous multi-mode fiber. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 361, 325-331	2.7	37
379	Optical solitons for nonlinear Schrödinger (NLS) equation in normal dispersive regimes. <i>Optik</i> , <b>2019</b> , 184, 428-435	2.5	37
378	A study on the systems of the Volterra integral forms of the Lane-Emden equations by the Adomian decomposition method. <i>Mathematical Methods in the Applied Sciences</i> , <b>2014</b> , 37, 10-19	2.3	37
377	Solitary wave solutions for a generalized KdV-KdV equation with variable coefficients. <i>Mathematics and Computers in Simulation</i> , <b>2010</b> , 80, 1867-1873	3.3	37
376	Exact solutions of compact and noncompact structures for the KPBBM equation. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 169, 700-712	2.7	37
375	The modified decomposition method applied to unsteady flow of gas through a porous medium. <i>Applied Mathematics and Computation</i> , <b>2001</b> , 118, 123-132	2.7	37
374	New extended Kadomtsev-Petviashvili equation: multiple soliton solutions, breather, lump and interaction solutions. <i>Nonlinear Dynamics</i> , <b>2021</b> , 104, 1581-1594	5	37
373	Neuro-heuristic computational intelligence for solving nonlinear pantograph systems. <i>Frontiers of Information Technology and Electronic Engineering</i> , <b>2017</b> , 18, 464-484	2.2	36
372	Exact Soliton and Kink Solutions for New (3+1)-Dimensional Nonlinear Modified Equations of Wave Propagation. <i>Open Engineering</i> , <b>2017</b> , 7, 169-174	1.7	35
371	Two forms of (3 + 1)-dimensional B-type Kadomtsev-Petviashvili equation: multiple soliton solutions. <i>Physica Scripta</i> , <b>2012</b> , 86, 035007	2.6	35
370	The (2+1) and (3+1)-Dimensional CBS Equations: Multiple Soliton Solutions and Multiple Singular Soliton Solutions. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2010</b> , 65, 173-181	1.4	35
369	A study on KdV and Gardner equations with time-dependent coefficients and forcing terms. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 217, 2277-2281	2.7	35
368	New kinks and solitons solutions to the (2+1) -dimensional Konopelchenko-Dubrovsky equation. <i>Mathematical and Computer Modelling</i> , <b>2007</b> , 45, 473-479		35

367	The integrable KdV6 equations: Multiple soliton solutions and multiple singular soliton solutions. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 204, 963-972	2.7	35
366	Transformation of soliton states for a (2+1) dimensional fourth-order nonlinear Schrödinger equation in the Heisenberg ferromagnetic spin chain. <i>Laser Physics</i> , <b>2019</b> , 29, 035401	1.2	34
365	Multiple soliton solutions for a (2+1)-dimensional integrable KdV6 equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2010</b> , 15, 1466-1472	3.7	34
364	Solitons and periodic solutions for the fifth-order KdV equation. <i>Applied Mathematics Letters</i> , <b>2006</b> , 19, 1162-1167	3.5	34
363	New travelling wave solutions of different physical structures to generalized BBM equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 355, 358-362	2.3	34
362	Compact and noncompact physical structures for the ZKBBM equation. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 169, 713-725	2.7	34
361	The decomposition method for approximate solution of the Goursat problem. <i>Applied Mathematics and Computation</i> , <b>1995</b> , 69, 299-311	2.7	34
360	Optical Gaussons for nonlinear logarithmic Schrödinger equations via the variational iteration method. <i>Optik</i> , <b>2019</b> , 180, 414-418	2.5	34
359	Solitons and singular solitons for a variety of Boussinesq-like equations. <i>Ocean Engineering</i> , <b>2012</b> , 53, 1-5	3.9	33
358	Soliton solutions for a generalized KdV and BBM equations with time-dependent coefficients. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2011</b> , 16, 1122-1126	3.7	33
357	The tanh-coth method for new compactons and solitons solutions for the K(n,n) and the K(n+1,n+1) equations. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 188, 1930-1940	2.7	33
356	Analytic study on nonlinear variants of the RLW and the PHI-four equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2007</b> , 12, 314-327	3.7	33
355	Solutions of compact and noncompact structures for nonlinear Klein-Gordon-type equation. <i>Applied Mathematics and Computation</i> , <b>2003</b> , 134, 487-500	2.7	33
354	A (2+1)-dimensional Kadomtsev-Petviashvili equation with competing dispersion effect: Painlevé analysis, dynamical behavior and invariant solutions. <i>Results in Physics</i> , <b>2021</b> , 23, 104043	3.7	33
353	Multiple-soliton solutions for the generalized -dimensional and the generalized -dimensional Ito equations. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 202, 840-849	2.7	32
352	The existence of noise terms for systems of inhomogeneous differential and integral equations. <i>Applied Mathematics and Computation</i> , <b>2003</b> , 146, 81-92	2.7	32
351	Group invariant solutions of (3+1)-dimensional generalized B-type Kadomtsev Petviashvili equation using optimal system of Lie subalgebra. <i>Physica Scripta</i> , <b>2019</b> , 94, 065204	2.6	32
350	A new (3+1)-dimensional Kadomtsev-Petviashvili equation and its integrability, multiple-solitons, breathers and lump waves. <i>Mathematics and Computers in Simulation</i> , <b>2021</b> , 187, 505-519	3.3	32

349	Multi-front waves for extended form of modified Kadomtsev-Petviashvili equation. <i>Applied Mathematics and Mechanics (English Edition)</i> , <b>2011</b> , 32, 875-880	3.2	31
348	Exact solutions for the ZK-MEW equation by using the tanh and sine-cosine methods. <i>International Journal of Computer Mathematics</i> , <b>2005</b> , 82, 699-708	1.2	31
347	The integrable time-dependent sine-Gordon equation with multiple optical kink solutions. <i>Optik</i> , <b>2019</b> , 182, 605-610	2.5	30
346	Two wave mode higher-order modified KdV equations. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2017</b> , 27, 2223-2230	4.5	30
345	A new generalized fifth-order nonlinear integrable equation. <i>Physica Scripta</i> , <b>2011</b> , 83, 035003	2.6	30
344	Multiple soliton solutions and multiple singular soliton solutions for $n$ -dimensional shallow water wave equations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 373, 2927-2930	2.3	30
343	Existence and construction of compacton solutions. <i>Chaos, Solitons and Fractals</i> , <b>2004</b> , 19, 463-470	9.3	30
342	The integrable Vakhnenko-Parkes (VP) and the modified Vakhnenko-Parkes (MVP) equations: Multiple real and complex soliton solutions. <i>Chinese Journal of Physics</i> , <b>2019</b> , 57, 375-381	3.5	30
341	A study on a two-wave mode Kadomtsev-Petviashvili equation: conditions for multiple soliton solutions to exist. <i>Mathematical Methods in the Applied Sciences</i> , <b>2017</b> , 40, 4128-4133	2.3	29
340	Gaussian solitary waves for the logarithmic Boussinesq equation and the logarithmic regularized Boussinesq equation. <i>Ocean Engineering</i> , <b>2015</b> , 94, 111-115	3.9	29
339	Multiple kink solutions for two coupled integrable $(2+1)$ -dimensional systems. <i>Applied Mathematics Letters</i> , <b>2016</b> , 58, 1-6	3.5	29
338	Burgers hierarchy: Multiple kink solutions and multiple singular kink solutions. <i>Journal of the Franklin Institute</i> , <b>2010</b> , 347, 618-626	4	29
337	Integrability aspects and localized wave solutions for a new $(4+1)$ -dimensional Boiti-Leon-Manna-Pempinelli equation. <i>Nonlinear Dynamics</i> , <b>2019</b> , 98, 1379-1390	5	28
336	Characteristics of integrability, bidirectional solitons and localized solutions for a $(3+1)$ -dimensional generalized breaking soliton equation. <i>Nonlinear Dynamics</i> , <b>2019</b> , 96, 1989-2000	5	28
335	Steady-state concentrations of carbon dioxide absorbed into phenyl glycidyl ether solutions by the Adomian decomposition method. <i>Journal of Mathematical Chemistry</i> , <b>2015</b> , 53, 1054-1067	2.1	28
334	A new fifth-order nonlinear integrable equation: multiple soliton solutions. <i>Physica Scripta</i> , <b>2011</b> , 83, 015012	2.6	28
333	A new approach to the nonlinear advection problem: An application of the decomposition method. <i>Applied Mathematics and Computation</i> , <b>1995</b> , 72, 175-181	2.7	28
332	Negative-order modified KdV equations: multiple soliton and multiple singular soliton solutions. <i>Mathematical Methods in the Applied Sciences</i> , <b>2016</b> , 39, 661-667	2.3	27

331	Solving the non-isothermal reaction-diffusion model equations in a spherical catalyst by the variational iteration method. <i>Chemical Physics Letters</i> , <b>2017</b> , 679, 132-136	2.5	27
330	Multiple complex soliton solutions for the integrable KdV, fifth-order Lax, modified KdV, Burgers, and Sharma-Tasso-Olver equations. <i>Chinese Journal of Physics</i> , <b>2019</b> , 59, 372-378	3.5	27
329	Two new Painlevé-integrable (2+1) and (3+1)-dimensional KdV equations with constant and time-dependent coefficients. <i>Nuclear Physics B</i> , <b>2020</b> , 954, 115009	2.8	27
328	Interaction of lumps and dark solitons in the Melnikov equation. <i>Nonlinear Dynamics</i> , <b>2018</b> , 92, 2049-2059		27
327	Multiple complex and multiple real soliton solutions for the integrable sine-Gordon equation. <i>Optik</i> , <b>2018</b> , 172, 622-627	2.5	27
326	Multiple complex soliton solutions for integrable negative-order KdV and integrable negative-order modified KdV equations. <i>Applied Mathematics Letters</i> , <b>2019</b> , 88, 1-7	3.5	27
325	Multiple-soliton solutions for coupled KdV and coupled KP systems. <i>Canadian Journal of Physics</i> , <b>2009</b> , 87, 1227-1232	1.1	27
324	Kadomtsev-Petviashvili hierarchy: N-soliton solutions and distinct dispersion relations. <i>Applied Mathematics Letters</i> , <b>2016</b> , 52, 74-79	3.5	26
323	An extended modified KdV equation and its Painlevé-integrability. <i>Nonlinear Dynamics</i> , <b>2016</b> , 86, 1455-1460	4.0	26
322	Families of semi-rational solutions to the Kadomtsev-Petviashvili I equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2019</b> , 67, 480-491	3.7	26
321	A variety of distinct kinds of multiple soliton solutions for a (3 + 1)-dimensional nonlinear evolution equation. <i>Mathematical Methods in the Applied Sciences</i> , <b>2013</b> , 36, 349-357	2.3	26
320	A study on a boundary-layer equation arising in an incompressible fluid. <i>Applied Mathematics and Computation</i> , <b>1997</b> , 87, 199-204	2.7	26
319	Multiple soliton solutions and multiple singular soliton solutions for the (3 + 1)-dimensional Burgers equations. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 204, 942-948	2.7	26
318	Bright and dark optical solitons for (3+1)-dimensional Schrödinger equation with cubic-quintic-septic nonlinearities. <i>Optik</i> , <b>2021</b> , 225, 165752	2.5	26
317	Optical solitons for perturbed Gerdjikov-Ivanov equation. <i>Optik</i> , <b>2018</b> , 174, 447-451	2.5	26
316	Kadomtsev-Petviashvili hierarchy: two integrable equations with time-dependent coefficients. <i>Nonlinear Dynamics</i> , <b>2020</b> , 100, 3711-3716	5	25
315	Solitons collision and freak waves in a plasma with Cairns-Tsallis particle distributions. <i>Plasma Physics and Controlled Fusion</i> , <b>2015</b> , 57, 125012	2	25
314	Nonlinear dispersive special type of the Zakharov-Kuznetsov equation ZK(n,n) with compact and noncompact structures. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 161, 577-590	2.7	25

313	On the nonlinear dynamics of breathers waves in electronegative plasmas with Maxwellian negative ions. <i>Physics of Plasmas</i> , <b>2017</b> , 24, 022105	2.1	24
312	A variety of optical solitons for nonlinear Schrödinger equation with detuning term by the variational iteration method. <i>Optik</i> , <b>2019</b> , 196, 163169	2.5	24
311	Optical bright and dark soliton solutions for coupled nonlinear Schrödinger (CNLS) equations by the variational iteration method. <i>Optik</i> , <b>2020</b> , 207, 164457	2.5	24
310	Analytic study for fifth-order KdV-type equations with arbitrary power nonlinearities. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2007</b> , 12, 904-909	3.7	24
309	New solitary wave and periodic wave solutions to the (2 + 1)-dimensional Nizhnik-Novikov-Veselov system. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 187, 1584-1591	2.7	24
308	Multiple-soliton solutions for the fifth order Caudrey-Dodd-Gibbon (CDG) equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 197, 719-724	2.7	24
307	The tanh method for compact and noncompact solutions for variants of the KdV-Burger and the K(n,n)-Burger equations. <i>Physica D: Nonlinear Phenomena</i> , <b>2006</b> , 213, 147-151	3.3	24
306	Exact solutions with compact and noncompact structures for the one-dimensional generalized Benjamin-Bona-Mahony equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2005</b> , 10, 855-867	3.7	24
305	A (2+1)-dimensional time-dependent Date-Jimbo-Kashiwara-Miwa equation: Painlevé integrability and multiple soliton solutions. <i>Computers and Mathematics With Applications</i> , <b>2020</b> , 79, 1145-1149	2.7	24
304	A Two-Mode Burgers Equation of Weak Shock Waves in a Fluid: Multiple Kink Solutions and Other Exact Solutions. <i>International Journal of Applied and Computational Mathematics</i> , <b>2017</b> , 3, 3977-3985	1.3	23
303	Some applications of the (G <sup>2</sup> /G, 1/G)-expansion method to find new exact solutions of NLEEs. <i>European Physical Journal Plus</i> , <b>2017</b> , 132, 1	3.1	23
302	Negative-order integrable modified KdV equations of higher orders. <i>Nonlinear Dynamics</i> , <b>2018</b> , 93, 1371-1376	3.7	23
301	Traveling wave solutions for fifth-order KdV type equations with time-dependent coefficients. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2014</b> , 19, 404-408	3.7	23
300	Dark solitons for a combined potential KdV and Schwarzian KdV equations with t-dependent coefficients and forcing term. <i>Applied Mathematics and Computation</i> , <b>2011</b> , 217, 8846-8851	2.7	23
299	The variable separated ODE and the tanh methods for solving the combined and the double combined sinh-cosh-Gordon equations. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 177, 745-754	2.7	23
298	Padé approximants and Adomian decomposition method for solving the Flierl-Betviashvili equation and its variants. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 182, 1812-1818	2.7	23
297	Trial equation method for solving the generalized Fisher equation with variable coefficients. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2016</b> , 380, 1260-1262	2.3	22
296	On the nonlocal Boussinesq equation: Multiple-soliton solutions. <i>Applied Mathematics Letters</i> , <b>2013</b> , 26, 1094-1098	3.5	22

295	A KdV6 hierarchy: Integrable members with distinct dispersion relations. <i>Applied Mathematics Letters</i> , <b>2015</b> , 45, 86-92	3.5	22
294	A reliable study for extensions of the Bratu problem with boundary conditions. <i>Mathematical Methods in the Applied Sciences</i> , <b>2012</b> , 35, 845-856	2.3	22
293	The Cole-Hopf transformation and multiple soliton solutions for the integrable sixth-order Drinfeld-Sokolov-Satsuma-Hirota equation. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 207, 248-255	2.7	22
292	Peakons, kinks, compactons and solitary patterns solutions for a family of Camassa-Holm equations by using new hyperbolic schemes. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 182, 412-424	2.7	22
291	Special types of the nonlinear dispersive Zakharov-Kuznetsov equation with compactons, solitons, and periodic solutions. <i>International Journal of Computer Mathematics</i> , <b>2004</b> , 81, 1107-1119	1.2	22
290	Compact and noncompact structures in a class of nonlinearly dispersive equations. <i>Mathematics and Computers in Simulation</i> , <b>2003</b> , 62, 171-189	3.3	22
289	A construction of compact and noncompact solutions for nonlinear dispersive equations of even order. <i>Applied Mathematics and Computation</i> , <b>2003</b> , 135, 411-424	2.7	22
288	A NOTE ON USING ADOMIAN DECOMPOSITION METHOD FOR SOLVING BOUNDARY VALUE PROBLEMS. <i>Foundations of Physics Letters</i> , <b>2000</b> , 13, 493-498		22
287	The simplified Hirota method for studying three extended higher-order KdV-type equations. <i>Journal of Ocean Engineering and Science</i> , <b>2016</b> , 1, 181-185	4.4	22
286	On short-range pulse propagation described by (2 + 1)-dimensional Schrödinger's hyperbolic equation in nonlinear optical fibers. <i>Physica Scripta</i> , <b>2020</b> , 95, 075203	2.6	21
285	Painlevé analysis for Boiti-Leon-Manna-Pempinelli equation of higher dimensions with time-dependent coefficients: Multiple soliton solutions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2020</b> , 384, 126310	2.3	21
284	The generalized Kaup-Boussinesq equation: multiple soliton solutions. <i>Waves in Random and Complex Media</i> , <b>2015</b> , 25, 473-481	1.9	21
283	A new (2+1)-dimensional Korteweg-de Vries equation and its extension to a new (3+1)-dimensional Kadomtsev-Petviashvili equation. <i>Physica Scripta</i> , <b>2011</b> , 84, 035010	2.6	21
282	A variety of exact travelling wave solutions for the (2+1)-dimensional Boiti-Leon-Pempinelli equation. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 217, 1484-1490	2.7	21
281	Travelling wave solutions for the MKdV-sine-Gordon and the MKdV-sinh-Gordon equations by using a variable separated ODE method. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 181, 1713-1719	2.7	21
280	Variants of the generalized fifth-order KdV equation with compact and noncompact structures. <i>Chaos, Solitons and Fractals</i> , <b>2004</b> , 21, 579-589	9.3	21
279	Exact wave solutions for the nonlinear time fractional Sharma-Tasso-Olver equation and the fractional Klein-Gordon equation in mathematical physics. <i>Optical and Quantum Electronics</i> , <b>2018</b> , 50, 1	2.4	20
278	N-soliton solutions for shallow water waves equations in (1 + 1) and (2 + 1) dimensions. <i>Applied Mathematics and Computation</i> , <b>2011</b> , 217, 8840-8845	2.7	20

277	A (3+1)-dimensional nonlinear evolution equation with multiple soliton solutions and multiple singular soliton solutions. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 215, 1548-1552	2.7	20
276	Solitary waves solutions for extended forms of quantum Zakharov-Buznetsov equations. <i>Physica Scripta</i> , <b>2012</b> , 85, 025006	2.6	20
275	The variational iteration method for a reliable treatment of the linear and the nonlinear Goursat problem. <i>Applied Mathematics and Computation</i> , <b>2007</b> , 193, 455-462	2.7	20
274	Regular soliton solutions and singular soliton solutions for the modified Kadomtsev-Betviashvili equations. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 204, 227-232	2.7	20
273	New (3+1)-dimensional nonlinear equations with KdV equation constituting its main part: multiple soliton solutions. <i>Mathematical Methods in the Applied Sciences</i> , <b>2016</b> , 39, 886-891	2.3	20
272	An efficient semi-numerical technique for solving nonlinear singular boundary value problems arising in various physical models. <i>International Journal of Computer Mathematics</i> , <b>2016</b> , 93, 1330-1346	1.2	19
271	Bidirectional solitons and interaction solutions for a new integrable fifth-order nonlinear equation with temporal and spatial dispersion. <i>Nonlinear Dynamics</i> , <b>2020</b> , 101, 581-595	5	19
270	Two-mode Sharma-Tasso-Olver equation and two-mode fourth-order Burgers equation: Multiple kink solutions. <i>AEJ - Alexandria Engineering Journal</i> , <b>2018</b> , 57, 1971-1976	6.1	19
269	Soliton solutions for two (3+1) -dimensional non-integrable KdV-type equations. <i>Mathematical and Computer Modelling</i> , <b>2012</b> , 55, 1845-1848		19
268	On soliton solutions for the Fitzhugh-Nagumo equation with time-dependent coefficients. <i>Applied Mathematical Modelling</i> , <b>2013</b> , 37, 3821-3828	4.5	19
267	Explicit travelling wave solutions of variants of the K(n,n) and the ZK(n,n) equations with compact and noncompact structures. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 173, 213-230	2.7	19
266	Nonlinear variants of KdV and KP equations with compactons, solitons and periodic solutions. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2005</b> , 10, 451-463	3.7	19
265	Bright, dark and Gaussons optical solutions for fourth-order Schrödinger equations with cubic-quintic and logarithmic nonlinearities. <i>Optik</i> , <b>2020</b> , 202, 163564	2.5	19
264	A study on a (2+1)-dimensional and a (3+1)-dimensional generalized Burgers equation. <i>Applied Mathematics Letters</i> , <b>2014</b> , 31, 41-45	3.5	18
263	Kink solutions for three new fifth order nonlinear equations. <i>Applied Mathematical Modelling</i> , <b>2014</b> , 38, 110-118	4.5	18
262	The variational iteration method for solving linear and nonlinear Volterra integral and integro-differential equations. <i>International Journal of Computer Mathematics</i> , <b>2010</b> , 87, 1131-1141	1.2	18
261	Completely integrable coupled KdV and coupled KP systems. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2010</b> , 15, 2828-2835	3.7	18
260	Explicit and implicit solutions for the one-dimensional cubic and quintic complex Ginzburg-Landau equations. <i>Applied Mathematics Letters</i> , <b>2006</b> , 19, 1007-1012	3.5	18



259	Analytic study of the fifth order integrable nonlinear evolution equations by using the tanh method. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 174, 289-299	2.7	18
258	Generalized forms of the phi-four equation with compactons, solitons and periodic solutions. <i>Mathematics and Computers in Simulation</i> , <b>2005</b> , 69, 580-588	3.3	18
257	A reliable treatment of the physical structure for the nonlinear equation K(m,n). <i>Applied Mathematics and Computation</i> , <b>2005</b> , 163, 1081-1095	2.7	18
256	Breather wave and lump-type solutions of new (3 + 1)-dimensional Boiti-Leon-Manna-Pempinelli equation in incompressible fluid. <i>Mathematical Methods in the Applied Sciences</i> , <b>2021</b> , 44, 2200-2208	2.3	18
255	The Numerical Validation of the Adomian Decomposition Method for Solving Volterra Integral Equation with Discontinuous Kernels Using the CESTAC Method. <i>Mathematics</i> , <b>2021</b> , 9, 260	2.3	18
254	Anatomy of modified Korteweg-de Vries equation for studying the modulated envelope structures in non-Maxwellian dusty plasmas: Freak waves and dark soliton collisions. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 092105	2.1	18
253	High-order breathers, lumps, and semi-rational solutions to the (2 + 1)-dimensional Hirota-Batsumoto equation. <i>Physica Scripta</i> , <b>2019</b> , 94, 075203	2.6	17
252	A study on two extensions of the Bogoyavlenskii-Schieff equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2012</b> , 17, 1500-1505	3.7	17
251	Multiple-soliton solutions and multiple-singular soliton solutions for two higher-dimensional shallow water wave equations. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 211, 495-501	2.7	17
250	A one-soliton solution of the equation with generalized evolution and time-dependent coefficients. <i>Nonlinear Analysis: Real World Applications</i> , <b>2011</b> , 12, 2822-2825	2.1	17
249	N-soliton solutions for the combined KdV-KDG equation and the KdV-lax equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 203, 402-407	2.7	17
248	Compactons and solitary wave solutions for the Boussinesq wave equation and its generalized form. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 182, 529-535	2.7	17
247	Einstein's vacuum field equation: Painlevé analysis and Lie symmetries. <i>Waves in Random and Complex Media</i> , <b>2021</b> , 31, 199-206	1.9	17
246	Higher order numeric solutions of the Lane-Emden-type equations derived from the multi-stage modified Adomian decomposition method. <i>International Journal of Computer Mathematics</i> , <b>2017</b> , 94, 197-215	1.2	16
245	A modified homotopy perturbation method for singular time dependent Emden-Fowler equations with boundary conditions. <i>Journal of Mathematical Chemistry</i> , <b>2016</b> , 54, 918-931	2.1	16
244	Kinks and travelling wave solutions for Burgers-like equations. <i>Applied Mathematics Letters</i> , <b>2014</b> , 38, 174-179	3.5	16
243	Closed form solutions of complex wave equations via the modified simple equation method. <i>Cogent Physics</i> , <b>2017</b> , 4, 1312751	3.5	16
242	Variants of a (3+1)-dimensional generalized BKP equation: Multiple-front waves solutions. <i>Computers and Fluids</i> , <b>2014</b> , 97, 164-167	2.8	16

241	The variational iteration method for solving the Volterra integro-differential forms of the Lane-Emden equations of the first and the second kind. <i>Journal of Mathematical Chemistry</i> , <b>2014</b> , 52, 613-626	2.1	16
240	The variational iteration method for solving linear and nonlinear ODEs and scientific models with variable coefficients. <i>Open Engineering</i> , <b>2014</b> , 4,	1.7	16
239	Structures of multiple soliton solutions of the generalized, asymmetric and modified Nizhnik-Novikov-Veselov equations. <i>Applied Mathematics and Computation</i> , <b>2012</b> , 218, 11344-11349	2.7	16
238	A reliable treatment of singular Emden-Bowler initial value problems and boundary value problems. <i>Applied Mathematics and Computation</i> , <b>2011</b> , 217, 10387-10395	2.7	16
237	Compacton solutions of the Kawahara-type nonlinear dispersive equation. <i>Applied Mathematics and Computation</i> , <b>2003</b> , 145, 133-150	2.7	16
236	Compactons, solitons and periodic solutions for variants of the KdV and the KP equations. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 161, 561-575	2.7	16
235	The tanh method for a reliable treatment of the K(n,n) and the KP(n,n) equations and its variants. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 170, 361-379	2.7	16
234	Lie symmetries, optimal system, group-invariant solutions and dynamical behaviors of solitary wave solutions for a (3+1)-dimensional KdV-type equation. <i>European Physical Journal Plus</i> , <b>2021</b> , 136, 1	3.1	16
233	A new nonlinear integrable fifth-order equation: multiple soliton solutions with unusual phase shifts. <i>Physica Scripta</i> , <b>2018</b> , 93, 115201	2.6	16
232	A new integrable equation combining the modified KdV equation with the negative-order modified KdV equation: multiple soliton solutions and a variety of solitonic solutions. <i>Waves in Random and Complex Media</i> , <b>2018</b> , 28, 533-543	1.9	15
231	Gaussian soliton solutions to a variety of nonlinear logarithmic Schrödinger equation. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2016</b> , 30, 1909-1917	1.3	15
230	On the Solution of Non-Isothermal Reaction-Diffusion Model Equations in a Spherical Catalyst by the Modified Adomian Method. <i>Chemical Engineering Communications</i> , <b>2015</b> , 202, 1081-1088	2.2	15
229	One and two soliton solutions for the sinh-Gordon equation in (1+1), (2+1) and (3+1) dimensions. <i>Applied Mathematics Letters</i> , <b>2012</b> , 25, 2354-2358	3.5	15
228	The variational iteration method for solving systems of equations of Emden-Bowler type. <i>International Journal of Computer Mathematics</i> , <b>2011</b> , 88, 3406-3415	1.2	15
227	The effect of the order of nonlinear dispersive equation on the compact and noncompact solutions. <i>Applied Mathematics and Computation</i> , <b>2003</b> , 138, 309-319	2.7	15
226	New extended rational trigonometric methods and applications. <i>Waves in Random and Complex Media</i> , <b>2020</b> , 30, 5-26	1.9	15
225	Conformable space-time fractional nonlinear (1+1)-dimensional Schrödinger-type models and their traveling wave solutions. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 150, 111187	9.3	15
224	Bright and dark optical solitons for a new (3+1)-dimensional nonlinear Schrödinger equation. <i>Optik</i> , <b>2021</b> , 241, 166985	2.5	15

223	Negative-order KdV equations in (3+1) dimensions by using the KdV recursion operator. <i>Waves in Random and Complex Media</i> , <b>2017</b> , 27, 768-778	1.9	14
222	A new integrable equation that combines the KdV equation with the negative-order KdV equation. <i>Mathematical Methods in the Applied Sciences</i> , <b>2018</b> , 41, 80-87	2.3	14
221	Gaussian solitary waves for the logarithmic-KdV and the logarithmic-KP equations. <i>Physica Scripta</i> , <b>2014</b> , 89, 095206	2.6	14
220	(2 + 1)-Dimensional Burgers equations BE(m + n + 1): Using the recursion operator. <i>Applied Mathematics and Computation</i> , <b>2013</b> , 219, 9057-9068	2.7	14
219	Multiple soliton solutions for an integrable couplings of the Boussinesq equation. <i>Ocean Engineering</i> , <b>2013</b> , 73, 38-40	3.9	14
218	Solving New Fourth Order Emden-Fowler-Type Equations by the Adomian Decomposition Method. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , <b>2015</b> , 16, 121-131	0.7	14
217	Distinct kinds of multiple-soliton solutions for a (3+1)-dimensional generalized B-type Kadomtsev-Petviashvili equation. <i>Physica Scripta</i> , <b>2011</b> , 84, 055006	2.6	14
216	N-soliton solutions for the integrable bidirectional sixth-order Sawada-Kotera equation. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 216, 2317-2320	2.7	14
215	Non-integrable variants of Boussinesq equation with two solitons. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 217, 820-825	2.7	14
214	Equality of partial solutions in the decomposition method for partial differential equations. <i>International Journal of Computer Mathematics</i> , <b>1997</b> , 65, 293-308	1.2	14
213	Multiple-soliton solutions for the ninth-order KdV equation and sixth-order Boussinesq equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 203, 277-283	2.7	14
212	The modified decomposition method for analytic treatment of non-linear integral equations and systems of non-linear integral equations. <i>International Journal of Computer Mathematics</i> , <b>2005</b> , 82, 1107-1115	1.2	14
211	A new integrable nonlocal modified KdV equation: Abundant solutions with distinct physical structures. <i>Journal of Ocean Engineering and Science</i> , <b>2017</b> , 2, 1-4	4.4	13
210	New integrable (2+1)-dimensional sine-Gordon equations with constant and time-dependent coefficients: Multiple optical kink wave solutions. <i>Optik</i> , <b>2020</b> , 216, 164640	2.5	13
209	Integrable couplings of the generalized Vakhnenko equation: multiple soliton solutions. <i>JVC/Journal of Vibration and Control</i> , <b>2016</b> , 22, 915-919	2	13
208	Some new integrable systems of two-component fifth-order equations. <i>Nonlinear Dynamics</i> , <b>2017</b> , 87, 1111-1120	5	13
207	A study on the . <i>Applied Mathematics Letters</i> , <b>2012</b> , 25, 1495-1499	3.5	13
206	Abundant soliton and periodic wave solutions for the coupled Higgs field equation, the Maccari system and the Hirota-Maccari system. <i>Physica Scripta</i> , <b>2012</b> , 85, 065011	2.6	13

205	Integrability of coupled KdV equations. <i>Open Physics</i> , <b>2011</b> , 9,	1.3	13
204	Multiple-soliton solutions of the perturbed KdV equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2010</b> , 15, 3270-3273	3.7	13
203	A variable separated ODE method for solving the triple sine-Gordon and the triple sinh-Gordon equations. <i>Chaos, Solitons and Fractals</i> , <b>2007</b> , 33, 703-710	9.3	13
202	New compact and noncompact solutions for two variants of a modified Camassa-Holm equation. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 163, 1165-1179	2.7	13
201	Lump, multi-lump, cross kinky-lump and manifold periodic-soliton solutions for the (2+1)-D Calogero-Bogoyavlenskii-Schiff equation. <i>Heliyon</i> , <b>2020</b> , 6, e03701	3.6	13
200	New (3 + 1)-dimensional Date-Jimbo-Kashiwara-Miwa equations with constant and time-dependent coefficients: Painlevé integrability. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2020</b> , 384, 126787	2.3	13
199	Breaking soliton equations and negative-order breaking soliton equations of typical and higher orders <b>2016</b> , 87, 1		13
198	On the super freak waves in multicomponent plasmas having two-negative ions: $Xe + F^{+} + B^{-}$ and $Ar + F^{+} + B^{-}$ plasmas. <i>Indian Journal of Physics</i> , <b>2017</b> , 91, 939-946	1.4	12
197	Group invariant solutions of (2+1)-dimensional rdDym equation using optimal system of Lie subalgebra. <i>Physica Scripta</i> , <b>2019</b> , 94, 115202	2.6	12
196	(2 + 1)-dimensional Korteweg-de Vries (N) equations derived by using the Korteweg-de Vries recursion operator. <i>Physica Scripta</i> , <b>2012</b> , 86, 065007	2.6	12
195	M-component nonlinear evolution equations: multiple soliton solutions. <i>Physica Scripta</i> , <b>2010</b> , 81, 055004.6	4.6	12
194	Extended KP equations and extended system of KP equations: multiple-soliton solutions. <i>Canadian Journal of Physics</i> , <b>2011</b> , 89, 739-743	1.1	12
193	A modified KdV-type equation that admits a variety of travelling wave solutions: kinks, solitons, peakons and cuspons. <i>Physica Scripta</i> , <b>2012</b> , 86, 045501	2.6	12
192	Multiple soliton solutions for the sixth-order Ramani equation and a coupled Ramani equation. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 216, 332-336	2.7	12
191	Compact and noncompact solutions for nonlinear dispersive variants of the generalized KdV equation. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 159, 577-588	2.7	12
190	Gaussons. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2016</b> , 26, 1699-1709	4.5	11
189	Multiple and exact soliton solutions of the perturbed Korteweg-de Vries equation of long surface waves in a convective fluid via Painlevé analysis, factorization, and simplest equation methods. <i>Physical Review E</i> , <b>2017</b> , 95, 062211	2.4	11
188	Soliton solutions of the dispersive sine-Gordon and the dispersive sinh-Gordon equations with fourth spatial or spatio-temporal derivatives. <i>Physica Scripta</i> , <b>2011</b> , 84, 065007	2.6	11

187	Compacton solutions of higher order nonlinear dispersive KdV-like equations. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 147, 449-460	2.7	11
186	Generalized Boussinesq type of equations with compactons, solitons and periodic solutions. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 167, 1162-1178	2.7	11
185	A variety of soliton solutions for the Boussinesq-Burgers equation and the higher-order Boussinesq-Burgers equation. <i>Filomat</i> , <b>2017</b> , 31, 831-840	0.7	11
184	Novel high-order breathers and rogue waves in the Boussinesq equation via determinants. <i>Mathematical Methods in the Applied Sciences</i> , <b>2020</b> , 43, 3701-3715	2.3	11
183	Dual solutions for nonlinear boundary value problems by the variational iteration method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2017</b> , 27, 210-220	4.5	10
182	Negative-Order KdV and Negative-Order KP Equations: Multiple Soliton Solutions. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , <b>2017</b> , 87, 291-296	0.9	10
181	Peakon and solitonic solutions for KdV-like equations. <i>Physica Scripta</i> , <b>2015</b> , 90, 045203	2.6	10
180	New integrable (2+1)- and (3+1)-dimensional sinh-Gordon equations with constant and time-dependent coefficients. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2020</b> , 384, 126529	2.3	10
179	A New Integrable (2+1)-Dimensional Generalized Breaking Soliton Equation: N-Soliton Solutions and Traveling Wave Solutions. <i>Communications in Theoretical Physics</i> , <b>2016</b> , 66, 385-388	2.4	10
178	Two reliable methods for solving the Volterra integral equation with a weakly singular kernel. <i>Journal of Computational and Applied Mathematics</i> , <b>2016</b> , 302, 71-80	2.4	10
177	New solutions for two integrable cases of a generalized fifth-order nonlinear equation. <i>Modern Physics Letters B</i> , <b>2015</b> , 29, 1550065	1.6	10
176	(2+1)-Dimensional mKdV (N) equations by the mKdV recursion operator: Multiple soliton and multiple singular soliton solutions. <i>Applied Mathematics and Computation</i> , <b>2012</b> , 219, 2535-2544	2.7	10
175	A study on an integrable system of coupled KdV equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2010</b> , 15, 2846-2850	3.7	10
174	Bright and dark optical solitons of the (2+1)-dimensional perturbed nonlinear Schrödinger equation in nonlinear optical fibers. <i>Optik</i> , <b>2022</b> , 251, 168334	2.5	10
173	Higher dimensional nonlinear Schrödinger equations in anomalous dispersion and normal dispersive regimes: Bright and dark optical solitons. <i>Optik</i> , <b>2020</b> , 222, 165327	2.5	10
172	Two (3+1)-dimensional Schrödinger equations with cubic-quintic-septic nonlinearities: Bright and dark optical solitons. <i>Optik</i> , <b>2021</b> , 235, 166646	2.5	10
171	Dual solutions for nonlinear boundary value problems by the Adomian decomposition method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2016</b> , 26, 2393-2409	4.5	10
170	Novel bifurcation solitons for an extended Kadomtsev-Petviashvili equation in fluids. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2021</b> , 413, 127585	2.3	10

169	The Volterra integral form of the Lane-Emden equation: new derivations and solution by the Adomian decomposition method. <i>Journal of Applied Mathematics and Computing</i> , <b>2015</b> , 47, 365-379	1.8	9
168	New bilinearization, Bäcklund transformation and infinite conservation laws for the KdV equation with Bell polynomials. <i>Mathematical Methods in the Applied Sciences</i> , <b>2016</b> , 39, 2716-2721	2.3	9
167	Integrability of two coupled Kadomtsev-Petviashvili equations <b>2011</b> , 77, 233-242		9
166	Soliton solutions for (2+1)-dimensional and (3+1)-dimensional K(m,n) equations. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 217, 1733-1740	2.7	9
165	Analytic study on the generalized fifth-order KdV equation: New solitons and periodic solutions. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2007</b> , 12, 1172-1180	3.7	9
164	Kinks and solitons solutions for the generalized KdV equation with two power nonlinearities. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 183, 1181-1189	2.7	9
163	New hyperbolic schemes for reliable treatment of Boussinesq equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 358, 409-413	2.3	9
162	The variable separated ODE method for travelling wave solutions for the Boussinesq-double sine-Gordon and the Boussinesq-double sinh-Gordon equations. <i>Mathematics and Computers in Simulation</i> , <b>2006</b> , 72, 1-9	3.3	9
161	Protracted study on a real physical phenomenon generated by media inhomogeneities. <i>Results in Physics</i> , <b>2021</b> , 31, 104933	3.7	9
160	Solitary Waves Theory. <i>Nonlinear Physical Science</i> , <b>2009</b> , 479-502	0.1	9
159	Painlevé analysis for new (3 + 1)-dimensional Boiti-Leon-Manna-Pempinelli equations with constant and time-dependent coefficients. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 30, 4259-4266	4.5	9
158	A variety of negative-order integrable KdV equations of higher orders. <i>Waves in Random and Complex Media</i> , <b>2019</b> , 29, 195-203	1.9	9
157	A variety of multiple-soliton solutions for the integrable (4+1)-dimensional Fokas equation. <i>Waves in Random and Complex Media</i> , <b>2021</b> , 31, 46-56	1.9	9
156	A variety of completely integrable Calogero-Bogoyavlenskii-Schiff equations with time-dependent coefficients. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2021</b> , 31, 174-185	4.5	9
155	Lie Symmetries, Closed-Form Solutions, and Various Dynamical Profiles of Solitons for the Variable Coefficient (2+1)-Dimensional KP Equations. <i>Symmetry</i> , <b>2022</b> , 14, 597	2.7	9
154	On the Adomian decomposition method for solving the Stefan problem. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2015</b> , 25, 912-928	4.5	8
153	New exact solutions to extended (3 + 1)-dimensional Jimbo-Miwa equations by using bilinear forms. <i>Mathematical Methods in the Applied Sciences</i> , <b>2018</b> , 41, 7566-7575	2.3	8
152	N-soliton solutions for the integrable modified KdV-sine-Gordon equation. <i>Physica Scripta</i> , <b>2014</b> , 89, 065805	2.6	8

151	A new trial equation method for finding exact chirped soliton solutions of the quintic derivative nonlinear Schrödinger equation with variable coefficients. <i>Waves in Random and Complex Media</i> , <b>2017</b> , 27, 153-162	1.9	8
150	The Variational Iteration Method for Solving New Fourth-Order Emden-Bowler Type Equations. <i>Chemical Engineering Communications</i> , <b>2015</b> , 202, 1425-1437	2.2	8
149	A reliable algorithm for positive solutions of nonlinear boundary value problems by the multistage Adomian decomposition method. <i>Open Engineering</i> , <b>2014</b> , 5,	1.7	8
148	Multiple soliton solutions for some (3+1)-dimensional nonlinear models generated by the Jaulent-Miodek hierarchy. <i>Applied Mathematics Letters</i> , <b>2012</b> , 25, 1936-1940	3.5	8
147	Multiple soliton solutions for the Bogoyavlenskii generalized breaking soliton equations and its extension form. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 217, 4282-4288	2.7	8
146	Multiple soliton solutions for a new coupled Ramani equation. <i>Physica Scripta</i> , <b>2011</b> , 83, 015002	2.6	8
145	SOLITON SOLUTIONS FOR SEVENTH-ORDER KAWAHARA EQUATION WITH TIME-DEPENDENT COEFFICIENTS. <i>Modern Physics Letters B</i> , <b>2011</b> , 25, 643-648	1.6	8
144	A study on compacton-like solutions for the modified KdV and fifth order KdV-like equations. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 147, 439-447	2.7	8
143	An analytic study of compacton solutions for variants of Kuramoto-Sivashinsky equation. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 148, 571-585	2.7	8
142	A comparison of modified runge-kutta formulas based on a variety of means. <i>International Journal of Computer Mathematics</i> , <b>1994</b> , 50, 105-112	1.2	8
141	A New Integrable Equation Constructed via Combining the Recursion Operator of the Calogero-Bogoyavlenskii-Schiff (CBS) Equation and its Inverse Operator. <i>Applied Mathematics and Information Sciences</i> , <b>2017</b> , 11, 1241-1246	2.4	8
140	On the modified Gardner type equation and its time fractional form. <i>Chaos, Solitons and Fractals</i> , <b>2022</b> , 155, 111694	9.3	8
139	Computational Method for Reaction Diffusion-Model Arising in a Spherical Catalyst. <i>International Journal of Applied and Computational Mathematics</i> , <b>2021</b> , 7, 1	1.3	8
138	Two new Painlevé-integrable extended Sakovich equations with (2 + 1) and (3 + 1) dimensions. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 30, 1379-1387	4.5	8
137	Painlevé analysis for three integrable shallow water waves equations with time-dependent coefficients. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 30, 996-1008	4.5	8
136	Three-dimensional modulational instability of the electrostatic waves in $e\beta$ magnetoplasmas having superthermal particles. <i>Physics of Plasmas</i> , <b>2017</b> , 24, 022126	2.1	7
135	Multiple soliton solutions and other exact solutions for a two-mode KdV equation. <i>Mathematical Methods in the Applied Sciences</i> , <b>2016</b> , 40, 2277	2.3	7
134	A variety of (3 + 1)-dimensional mKdV equations derived by using the mKdV recursion operator. <i>Computers and Fluids</i> , <b>2014</b> , 93, 41-45	2.8	7

133	Multiple soliton solutions for the Whitham-Broer-Kaup model in the shallow water small-amplitude regime. <i>Physica Scripta</i> , <b>2013</b> , 88, 035007	2.6	7
132	Soliton solutions for the fifth-order KdV equation and the Kawahara equation with time-dependent coefficients. <i>Physica Scripta</i> , <b>2010</b> , 82, 035009	2.6	7
131	Combined equations of the Burgers hierarchy: multiple kink solutions and multiple singular kink solutions. <i>Physica Scripta</i> , <b>2010</b> , 82, 025001	2.6	7
130	Bright and dark solitons for a generalized Korteweg-de Vries-modified Korteweg-de Vries equation with high-order nonlinear terms and time-dependent coefficients. <i>Canadian Journal of Physics</i> , <b>2011</b> , 89, 253-259	1.1	7
129	New higher-dimensional fifth-order nonlinear equations with multiple soliton solutions. <i>Physica Scripta</i> , <b>2011</b> , 84, 025007	2.6	7
128	Four (2+1)-dimensional integrable extensions of the Kadomtsev-Petviashvili equation. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 215, 3631-3644	2.7	7
127	Compact structures for variants of the generalized KdV and the generalized KP equations. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 149, 103-117	2.7	7
126	Compact and noncompact structures for a variant of KdV equation in higher dimensions. <i>Applied Mathematics and Computation</i> , <b>2002</b> , 132, 29-45	2.7	7
125	Lie symmetry analysis for complex soliton solutions of coupled complex short pulse equation. <i>Mathematical Methods in the Applied Sciences</i> , <b>2021</b> , 44, 5238-5250	2.3	7
124	Higher-order Sasa-Satsuma equation: Bright and dark optical solitons. <i>Optik</i> , <b>2021</b> , 243, 167421	2.5	7
123	A numerical approach for a class of astrophysics equations using piecewise spectral-variational iteration method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2017</b> , 27, 358-378	4.5	6
122	An efficient approach for solving second-order nonlinear differential equation with Neumann boundary conditions. <i>Journal of Mathematical Chemistry</i> , <b>2015</b> , 53, 767-790	2.1	6
121	Numerical solutions of fourth-order Volterra integro-differential equations by the Green's function and decomposition method. <i>Mathematical Sciences</i> , <b>2016</b> , 10, 159-166	1.6	6
120	A variational approach for a class of nonlocal elliptic boundary value problems. <i>Journal of Mathematical Chemistry</i> , <b>2014</b> , 52, 1324-1337	2.1	6
119	Couplings of a fifth order nonlinear integrable equation: Multiple kink solutions. <i>Computers and Fluids</i> , <b>2013</b> , 84, 97-99	2.8	6
118	A study on the (2 + 1)-dimensional KdV4 equation derived by using the KdV recursion operator. <i>Mathematical Methods in the Applied Sciences</i> , <b>2013</b> , 36, 1760-1767	2.3	6
117	The variational iteration method for solving systems of third-order Emden-Fowler type equations. <i>Journal of Mathematical Chemistry</i> , <b>2017</b> , 55, 799-817	2.1	6
116	Soliton solution for an inhomogeneous highly dispersive media with a dual-power nonlinearity law. <i>International Journal of Computer Mathematics</i> , <b>2010</b> , 87, 1178-1185	1.2	6



115	Bright soliton solution to a generalized Burgers-KdV equation with time-dependent coefficients. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 217, 466-471	2.7	6
114	Analytic study on the one and two spatial dimensional potential KdV equations. <i>Chaos, Solitons and Fractals</i> , <b>2008</b> , 36, 175-181	9.3	6
113	Compactons and solitary patterns solutions to fifth-order KdV-like equations. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2006</b> , 371, 273-279	3.3	6
112	On the numerical solution of by a class of nonlinear trapezoidal formulas. <i>International Journal of Computer Mathematics</i> , <b>1994</b> , 51, 229-238	1.2	6
111	On the numerical solution of the Goursat problem. <i>Applied Mathematics and Computation</i> , <b>1993</b> , 59, 89-95	5.7	6
110	Adomian decomposition method for modelling the dissipative higher-order rogue waves in a superthermal collisional plasma. <i>Journal of Taibah University for Science</i> , <b>2021</b> , 15, 971-983	3	6
109	Forward scattering for non-linear wave propagation in (3 + 1)-dimensional Jimbo-Miwa equation using singular manifold and group transformation methods. <i>Waves in Random and Complex Media</i> , <b>2020</b> , 1-13	1.9	6
108	Soliton solutions through optical fibers for quadratic-cubic nonlinear medium: A complex ansatz approach. <i>Optik</i> , <b>2021</b> , 229, 166268	2.5	6
107	Two new Painlevé-integrable KdV-Calogero-Bogoyavlenskii-Schiff (KdV-CBS) equation and new negative-order KdV-CBS equation. <i>Nonlinear Dynamics</i> , <b>2021</b> , 104, 4311	5	6
106	ON SOLUTIONS OF BOUNDARY VALUE PROBLEM FOR FOURTH-ORDER BEAM EQUATIONS. <i>Mathematical Modelling and Analysis</i> , <b>2016</b> , 21, 304-318	1.3	6
105	Two new integrable Kadomtsev-Petviashvili equations with time-dependent coefficients: multiple real and complex soliton solutions. <i>Waves in Random and Complex Media</i> , <b>2020</b> , 30, 776-786	1.9	6
104	Some classification of non-commutative Integrable Systems. <i>Nonlinear Dynamics</i> , <b>2017</b> , 88, 1487-1492	5	5
103	Two new integrable modified KdV equations, of third-and fifth-order, with variable coefficients: multiple real and multiple complex soliton solutions. <i>Waves in Random and Complex Media</i> , <b>2019</b> , 1-12	1.9	5
102	Two integrable third-order and fifth-order KdV equations with time-dependent coefficients. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 29, 2093-2102	4.5	5
101	Solving Systems of Fourth-Order Emden-Bowler Type Equations by the Variational Iteration Method. <i>Chemical Engineering Communications</i> , <b>2016</b> , 203, 1081-1092	2.2	5
100	Gaussian solitary waves for the logarithmic-BBM and the logarithmic-TRLW equations. <i>Journal of Mathematical Chemistry</i> , <b>2016</b> , 54, 252-268	2.1	5
99	Nonsingular complexiton solutions for two higher-dimensional fifth-order nonlinear integrable equations. <i>Physica Scripta</i> , <b>2013</b> , 88, 025001	2.6	5
98	Envelope solitons for generalized forms of the phi-four equation. <i>Journal of King Saud University - Science</i> , <b>2013</b> , 25, 129-133	3.6	5

97	Solving nonlocal initial-boundary value problems for the Lotka-Volterra-Foerster model. <i>Applied Mathematics and Computation</i> , <b>2013</b> , 225, 7-15	2.7	5
96	Four (2 + 1)-dimensional integrable extensions of the KdV equation: Multiple-soliton and multiple singular soliton solutions. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 215, 1463-1476	2.7	5
95	Exact travelling wave solutions to seventh-order and ninth-order KdV-like equations. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 182, 771-780	2.7	5
94	New integrable Vakhnenko-Barkes (VP) equations with time-dependent coefficients. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 29, 4598-4606	4.5	5
93	Perturbation, symmetry analysis, Bäcklund and reciprocal transformation for the extended Boussinesq equation in fluid mechanics. <i>Communications in Theoretical Physics</i> , <b>2021</b> , 73, 045003	2.4	5
92	A seventh-order member of KdV6 hierarchy and its (2+1)-dimensional extensions. <i>Modern Physics Letters B</i> , <b>2016</b> , 30, 1650198	1.6	4
91	New (3+1)-dimensional nonlinear evolution equation: multiple soliton solutions. <i>Open Engineering</i> , <b>2014</b> , 4,	1.7	4
90	A coupled Ramani equation: multiple soliton solutions. <i>Journal of Mathematical Chemistry</i> , <b>2014</b> , 52, 2133-2140	1.3	4
89	Numerical Investigation of the Beam-Type Nano-electrostatic Actuator Model by Using the Birkhoff Interpolation Method. <i>International Journal of Applied and Computational Mathematics</i> , <b>2017</b> , 3, 129-146	1.3	4
88	New approximate solutions of the Blasius equation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2015</b> , 25, 1590-1599	4.5	4
87	A reliable analysis of oxygen diffusion in a spherical cell with nonlinear oxygen uptake kinetics. <i>International Journal of Biomathematics</i> , <b>2014</b> , 07, 1450020	1.8	4
86	A variety of exact wave solutions with distinct physical structures for the Boussinesq system. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2006</b> , 11, 376-390	3.7	4
85	New soliton and periodic solutions for the fifth-order forms of the Lax and Sawada-Kotera equations. <i>International Journal of Computer Mathematics</i> , <b>2007</b> , 84, 1663-1681	1.2	4
84	Solitary wave solutions and periodic solutions for higher-order nonlinear evolution equations. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 181, 1683-1692	2.7	4
83	Optical envelope soliton solutions for coupled nonlinear Schrödinger equations applicable to high birefringence fibers. <i>Optik</i> , <b>2022</b> , 255, 168673	2.5	4
82	Closed form traveling wave solutions of non-linear fractional evolution equations through the modified simple equation method. <i>Thermal Science</i> , <b>2018</b> , 22, 341-352	1.2	4
81	Exponential time differencing method for modeling the dissipative rogue waves and breathers in a collisional plasma. <i>European Physical Journal Plus</i> , <b>2021</b> , 136, 1	3.1	4
80	Unsteady three-dimensional laminar flow over a submerged plate in electrically conducting fluid with applied magnetic field. <i>Waves in Random and Complex Media</i> , 1-20	1.9	4

79	A variety of (3 + 1)-dimensional Burgers equations derived by using the Burgers recursion operator. <i>Mathematical Methods in the Applied Sciences</i> , <b>2015</b> , 38, 2642-2649	2.3	3
78	A variety of (3+1)-dimensional KdV equations derived by using the KdV recursion operator. <i>Indian Journal of Physics</i> , <b>2016</b> , 90, 577-582	1.4	3
77	Multiple soliton solutions for the integrable couplings of the KdV and the KP equations. <i>Open Physics</i> , <b>2013</b> , 11,	1.3	3
76	The variational iteration method for solving the Volterra integro-differential forms of the Lane-Emden and the Emden-Fowler problems with initial and boundary value conditions. <i>Open Engineering</i> , <b>2015</b> , 5,	1.7	3
75	A variational approach to a BVP arising in the modelling of electrically conducting solids. <i>Open Engineering</i> , <b>2013</b> , 3,	1.7	3
74	Volterra Integro-Differential Equations <b>2011</b> , 175-212		3
73	Two integrable extensions of the Kadomtsev-Petviashvili equation. <i>Open Physics</i> , <b>2011</b> , 9,	1.3	3
72	A COMPLETELY INTEGRABLE SYSTEM OF COUPLED MODIFIED KdV EQUATIONS. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2010</b> , 19, 145-151	0.8	3
71	Multiple-kink solutions for the (3+1)-dimensional Burgers hierarchy. <i>Physica Scripta</i> , <b>2011</b> , 84, 035001	2.6	3
70	MULTIPLE SOLITON SOLUTIONS FOR THREE SYSTEMS OF BROER&AUP&UPERSHMIT EQUATIONS DESCRIBING NONLINEAR AND DISPERSIVE LONG GRAVITY WAVES. <i>Modern Physics Letters B</i> , <b>2012</b> , 26, 1250126	1.6	3
69	Chapter 9 The KdV Equation. <i>Handbook of Differential Equations: Evolutionary Equations</i> , <b>2008</b> , 485-568		3
68	New kinds of solitons and periodic solutions to the generalized KdV equation. <i>Numerical Methods for Partial Differential Equations</i> , <b>2007</b> , 23, 247-255	2.5	3
67	Effect of nonlinearity of the middle term of nonlinear dispersive equations on physical structures. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 159, 539-558	2.7	3
66	The decomposition method For solving higher dimensional Initial boundary value problems of variable coefficients. <i>International Journal of Computer Mathematics</i> , <b>2000</b> , 76, 159-172	1.2	3
65	Lump molecules in fluid systems: Kadomtsev-Petviashvili I case. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2022</b> , 424, 127848	2.3	3
64	Soliton Solutions for the Modified KdV6, Modified (2+1)-dimensional Boussinesq, and (3+1)-dimensional KdV Equations. <i>Journal of Applied Nonlinear Dynamics</i> , <b>2014</b> , 3, 95-104	2	3
63	Analytical and numerical treatment to the (2+1)-dimensional Date-Jimbo-Kashiwara-Miwa equation. <i>Nonlinear Engineering</i> , <b>2021</b> , 10, 187-200	3	3
62	New ((3+1))-dimensional Painlevé integrable fifth-order equation with third-order temporal dispersion. <i>Nonlinear Dynamics</i> , <b>2021</b> , 106, 891-897	5	3

61	Lie symmetry analysis of a stochastic gene evolution in double-chain deoxyribonucleic acid system. <i>Waves in Random and Complex Media</i> , 1-15	1.9	3
60	Multiple optical kink solutions for new Painlevé integrable (3+1)-dimensional sine-Gordon equations with constant and time-dependent coefficients. <i>Optik</i> , <b>2020</b> , 219, 165003	2.5	2
59	One and two soliton solutions for seventh-order Caudrey-Dodd-Gibbon and Caudrey-Dodd-Gibbon-KP equations. <i>Open Physics</i> , <b>2012</b> , 10,	1.3	2
58	A reliable iterative method for solving the time-dependent singular Emden-Fowler equations. <i>Open Engineering</i> , <b>2013</b> , 3,	1.7	2
57	Three higher-dimensional Virasoro integrable models: Multiple soliton solutions <b>2013</b> ,		2
56	Multiple soliton solutions and multiple singular soliton solutions of the modified KdV equation with first-order correction. <i>Physica Scripta</i> , <b>2010</b> , 82, 055006	2.6	2
55	Multiple kink solutions for M-component Burgers equations in (1+1)-dimensions and (2+1)-dimensions. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 217, 3564-3570	2.7	2
54	Multiple-soliton solutions for the Lax seventh-order equation. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 198, 877-881	2.7	2
53	Two classes of variants of the generalized KdV equations with compact and noncompact solutions. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 154, 835-846	2.7	2
52	Solitary patterns solutions having infinite slopes or cusps for fifth-order KdV like equations in higher dimensions. <i>Applied Mathematics and Computation</i> , <b>2002</b> , 131, 181-194	2.7	2
51	Two Kinds of Multiple Wave Solutions for the Potential YTSF Equation and a Potential YTSF-Type Equation. <i>Journal of Applied Nonlinear Dynamics</i> , <b>2012</b> , 1, 51-58	2	2
50	Construction of exact solutions in a magneto-electro-elastic circular rod. <i>Waves in Random and Complex Media</i> , <b>2020</b> , 30, 340-353	1.9	2
49	A variety of bright and dark optical soliton solutions of an extended higher-order Sasa-Satsuma equation. <i>Optik</i> , <b>2021</b> , 247, 167938	2.5	2
48	Soliton-like solutions to the generalized Burgers-Huxley equation with variable coefficients. <i>Open Engineering</i> , <b>2013</b> , 3,	1.7	1
47	Introductory Concepts of Integral Equations <b>2011</b> , 33-63		1
46	Volterra-Fredholm Integro-Differential Equations <b>2011</b> , 285-309		1
45	Nonlinear Fredholm Integro-Differential Equations <b>2011</b> , 517-546		1
44	Dark Solitons for a Generalized Korteweg-de Vries Equation with Time-Dependent Coefficients. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2011</b> , 66, 199-204	1.4	1

43	Soliton solutions of the KdV equation with higher-order corrections. <i>Physica Scripta</i> , <b>2010</b> , 82, 045005	2.6	1
42	Bright solitons and multiple soliton solutions for coupled modified KdV equations with time-dependent coefficients. <i>Physica Scripta</i> , <b>2010</b> , 82, 015001	2.6	1
41	Comment on A note on a study on an integrable system of coupled KdV equations□ <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2011</b> , 16, 2200-2201	3.7	1
40	The variable separated ODE method for a reliable treatment for the Liouville equation and its variants. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2007</b> , 12, 434-446	3.7	1
39	Multiple soliton solutions and multiple singular soliton solutions for two integrable systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2008</b> , 372, 6879-6886	2.3	1
38	Compactons structures for fifth-order KdV like equations in higher dimensions. <i>Applied Mathematics and Computation</i> , <b>2002</b> , 130, 425-440	2.7	1
37	Compacton solutions and nonlinear dispersion. <i>Applied Mathematics and Computation</i> , <b>2003</b> , 142, 495-509	2.7	1
36	Derivation of lump solutions to a variety of Boussinesq equations with distinct dimensions. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2022</b> , ahead-of-print,	4.5	1
35	SOLITARY AND LUMP WAVES INTERACTION IN VARIABLE-COEFFICIENT NONLINEAR EVOLUTION EQUATION BY A MODIFIED ANS&#196;TZ WITH VARIABLE COEFFICIENTS. <i>Journal of Applied Analysis and Computation</i> , <b>2020</b> , 0-0	0.4	1
34	Nonlinear Partial Differential Equations. <i>Nonlinear Physical Science</i> , <b>2009</b> , 285-351	0.1	1
33	Family of KdV-type Equations. <i>Nonlinear Physical Science</i> , <b>2009</b> , 605-637	0.1	1
32	Simulation of large deflections of a flexible cantilever beam fabricated from functionally graded materials by the Adomian decomposition method. <i>International Journal of Dynamical Systems and Differential Equations</i> , <b>2020</b> , 10, 287	0.4	1
31	Lie symmetry analysis and soliton solutions for complex short pulse equation. <i>Waves in Random and Complex Media</i> , <b>2020</b> , 1-12	1.9	1
30	Construction of a hierarchy of negative-order integrable Burgers equations of higher orders. <i>Mathematical Methods in the Applied Sciences</i> , <b>2019</b> , 42, 1553-1560	2.3	1
29	A Multiple Variational Iteration Method for Nonlinear Two-Point Boundary Value Problems with Nonlinear Conditions. <i>International Journal of Computational Methods</i> , <b>2021</b> , 18, 2050028	1.1	1
28	Comment on Soliton solutions and chaotic motion of the extended Zakharov-Kuznetsov equations in a magnetized two-ion-temperature dusty plasma[Phys. Plasmas 21, 073709 (2014)]. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 104701	2.1	1
27	The nonlocal potential transformation method and solitary wave solutions for higher dimensions in shallow water waves. <i>Waves in Random and Complex Media</i> , 1-15	1.9	1
26	New (3+1)-dimensional integrable fourth-order nonlinear equation: lumps and multiple soliton solutions. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2021</b> , ahead-of-print,	4.5	1

25	New Gaussian solitary wave solutions in nanofibers. <i>Waves in Random and Complex Media</i> ,1-13	1.9	1
24	An Efficient Method for Solving the Generalized Thomas-Bermi and Lane-Emden-Bowler Type Equations with Nonlocal Integral Type Boundary Conditions. <i>International Journal of Applied and Computational Mathematics</i> , <b>2022</b> , 8, 1	1.3	1
23	Analytical approximations of three-point generalized Thomas-Bermi and Lane-Emden-Bowler type equations. <i>European Physical Journal Plus</i> , <b>2022</b> , 137, 1	3.1	1
22	Compactons structures for specific nonlinear dispersive equations. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 150, 399-407	2.7	0
21	The singular manifold method for a class of fractional-order diffusion equations. <i>Waves in Random and Complex Media</i> ,1-12	1.9	0
20	The generation mechanism of multiple-pole solutions for the fifth-order mKdV equation. <i>European Physical Journal Plus</i> , <b>2022</b> , 137, 1	3.1	0
19	Plasma-waves evolution and propagation modeled by sixth order Ramani and coupled Ramani equations using symmetry methods. <i>Physica Scripta</i> , <b>2021</b> , 96, 085213	2.6	0
18	An extended time-dependent KdV6 equation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 29, 4205-4212	4.5	0
17	Repeated application of the recursion operator for a new hierarchy of negative-order integrable KdV equations. <i>Waves in Random and Complex Media</i> , <b>2020</b> , 30, 300-307	1.9	0
16	The successive differentiation computer-assisted method for solving well-known scientific and engineering models. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2018</b> , 28, 2862-2873	4.5	0
15	Unsteady Rheology of MHD Newtonian Material with Soret and Dufours Effects. <i>International Journal of Applied and Computational Mathematics</i> , <b>2017</b> , 3, 1299-1311	1.3	
14	Bright and dark soliton solutions for a new fifth-order nonlinear integrable equation with perturbation terms. <i>Journal of King Saud University - Science</i> , <b>2012</b> , 24, 295-299	3.6	
13	Multiple Soliton Solutions for a Variety of Coupled Modified Korteweg-de Vries Equations. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2011</b> , 66, 625-631	1.4	
12	Families of Camassa-Holm and Schrodinger Equations. <i>Nonlinear Physical Science</i> , <b>2009</b> , 683-697	0.1	
11	Boussinesq, Klein-Gordon and Liouville Equations. <i>Nonlinear Physical Science</i> , <b>2009</b> , 639-663	0.1	
10	Two systems of two-component integrable equations: Multiple soliton solutions and multiple singular soliton solutions. <i>Applied Mathematics and Computation</i> , <b>2009</b> , 207, 397-405	2.7	
9	Analytic Treatment for (2+1)-Dimensional Kortweg-de Vries-Like and Kadomtsev-Petviashvili-Like Equations. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2010</b> , 65, 1101-1105	1.4	
8	Compact and noncompact structures formed by nonlinear equations with positive and negative exponents. <i>Applied Mathematics and Computation</i> , <b>2003</b> , 146, 1-25	2.7	

- 7 KdV and mKdV Equations of Higher-orders. *Nonlinear Physical Science*, **2009**, 557-603 0.1
- 6 The Family of the KdV Equations. *Nonlinear Physical Science*, **2009**, 503-556 0.1
- 5 Laplace Equation. *Nonlinear Physical Science*, **2009**, 237-284 0.1
- 4 Burgers, Fisher and Related Equations. *Nonlinear Physical Science*, **2009**, 665-681 0.1
- 3 Volterra-Fredholm Integral Equations **2011**, 261-283
- 2 Simulation of the eigenvalue problem for tapered rotating beams by the modified decomposition method. *International Journal for Computational Methods in Engineering Science and Mechanics*, 1-10 0.7
- 1 Performance of hybrid two-phase nanofluid neighboring to permeable plates exposed to elevated temperatures. *Waves in Random and Complex Media*, 1-25 1.9