Jin Wei Yang

List of Publications by Citations

122 papers	3,425 citations	35 h-index	53 g-index
128 ext. papers	3,730 ext. citations	3.2 avg, IF	6.4 L-index

#	Paper	IF	Citations
122	Variable-coefficient higher-order nonlinear Schrödinger model in optical fibers: Variable-coefficient bilinear form, Bäklund transformation, brightons and symbolic computation. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 366, 223-229	2.3	174
121	Variable-coefficient higher-order nonlinear Schrödinger model in optical fibers: New transformation with burstons, brightons and symbolic computation. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2006**, 359, 241-248	2.3	152
120	Spherical nebulons and Bäklund transformation for a space or laboratory un-magnetized dusty plasma with symbolic computation. *European Physical Journal D*, **2005**, 33, 59-65	1.3	149
119	Darboux transformations and rogue wave solutions of a generalized AB system for the geophysical flows. *Applied Mathematics Letters*, **2019**, 88, 201-208	3.5	105
118	Soliton management for a variable-coefficient modified Korteweg-de Vries equation. *Physical Review E*, **2011**, 84, 026606	2.4	96
117	Solitonic propagation and interaction for a generalized variable-coefficient forced Korteweg-de Vries equation in fluids. *Physical Review E*, **2011**, 83, 056601	2.4	83
116	Solitons and periodic waves for the (2 + 1)-dimensional generalized Caudrey-Dodd-Gibbon-Kotera-Sawada equation in fluid mechanics. *Nonlinear Dynamics*, **2020**, 99, 1039-1052	5	79
115	Quintic time-dependent-coefficient derivative nonlinear Schrödinger equation in hydrodynamics or fiber optics: bilinear forms and dark/anti-dark/gray solitons. *Nonlinear Dynamics*, **2019**, 98, 269-282	5	75
114	Bilinear form, soliton, breather, lump and hybrid solutions for a ((varvec{2+1}))-dimensional Sawada-Kotera equation. *Nonlinear Dynamics*, **2020**, 100, 2729-2738	5	75
113	Breather and hybrid solutions for a generalized (3 + 1)-dimensional B-type Kadomtsev-Petviashvili equation for the water waves. *Nonlinear Dynamics*, **2019**, 97, 2023-2040	5	75
112	Solitary waves, breathers, and rogue waves modulated by long waves for a model of a baroclinic shear flow. *Physical Review E*, **2019**, 100, 042210	2.4	75
111	Bilinear Bäklund transformation, soliton and periodic wave solutions for a (varvec{(3 + 1)})-dimensional variable-coefficient generalized shallow water wave equation. *Nonlinear Dynamics*, **2017**, 87, 2529-2540	5	70
110	Integrability, solitons, periodic and travelling waves of a generalized (3+1)-dimensional variable-coefficient nonlinear-wave equation in liquid with gas bubbles. *European Physical Journal Plus*, **2017**, 132, 1	3.1	65
109	Multi-soliton solutions for the three-coupled KdV equations engendered by the Neumann system. *Nonlinear Dynamics*, **2014**, 75, 701-708	5	65
108	Soliton interactions of a variable-coefficient three-component AB system for the geophysical flows. *Modern Physics Letters B*, **2019**, 33, 1950354	1.6	61
107	Wronskian solutions and integrability for a generalized variable-coefficient forced Korteweg-de Vries equation in fluids. *Nonlinear Dynamics*, **2012**, 67, 1023-1030	5	58
106	Lax pair, conservation laws, Darboux transformation, breathers and rogue waves for the coupled nonautonomous nonlinear Schrödinger system in an inhomogeneous plasma. *Chaos, Solitons and Fractals*, **2020**, 133, 109580	9.3	56

105	Bilinear form, solitons, breathers and lumps of a (3 + 1)-dimensional generalized Konopelchenko-Dubrovsky-Kaup-Kupershmidt equation in ocean dynamics, fluid mechanics and plasma physics. *European Physical Journal Plus*, **2020**, 135, 1	3.1	55
104	On the quintic time-dependent coefficient derivative nonlinear Schrödinger equation in hydrodynamics or fiber optics. *Nonlinear Dynamics*, **2019**, 96, 229-241	5	51
103	Solitons, Bäcklund transformation and Lax pair for a (2+1)-dimensional Broer-Kaup-Kupershmidt system in the shallow water of uniform depth. *Communications in Nonlinear Science and Numerical Simulation*, **2017**, 44, 360-372	3.7	49
102	Painlevé analysis, Lie group analysis and soliton-cnoidal, resonant, hyperbolic function and rational solutions for the modified Korteweg-de Vries-Calogero-Bogoyavlenskii-Schiff equation in fluid mechanics/plasma physics. *Chaos, Solitons and Fractals*, **2021**, 144, 110559	9.3	49
101	Breathers and rogue waves on the periodic background for the Gerdjikov-Ivanov equation for the Alfvén waves in an astrophysical plasma. *Chaos, Solitons and Fractals*, **2019**, 120, 259-265	9.3	47
100	Higher-order hybrid waves for the (2 + 1)-dimensional Boiti-Leon-Manna-Pempinelli equation for an irrotational incompressible fluid via the modified Pfaffian technique. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2021**, 72, 1	1.6	47
99	Solitons for a generalized sixth-order variable-coefficient nonlinear Schrödinger equation for the attosecond pulses in an optical fiber. *Communications in Nonlinear Science and Numerical Simulation*, **2017**, 50, 128-141	3.7	46
98	Bilinear forms and solitons for a generalized sixth-order nonlinear Schrödinger equation in an optical fiber. *European Physical Journal Plus*, **2017**, 132, 1	3.1	40
97	Wronskian, Pfaffian and periodic wave solutions for a ((2 + 1))-dimensional extended shallow water wave equation. *Nonlinear Dynamics*, **2017**, 89, 2855-2866	5	40
96	New family of overturning soliton solutions for a typical breaking soliton equation. *Computers and Mathematics With Applications*, **1995**, 30, 97-100	2.7	40
95	Bilinear forms and soliton solutions for a fourth-order variable-coefficient nonlinear Schrödinger equation in an inhomogeneous Heisenberg ferromagnetic spin chain or an alpha helical protein. *Physica B: Condensed Matter*, **2016**, 481, 148-155	2.8	39
94	Lax pairs, infinite conservation laws, Darboux transformation, bilinear forms and solitonic interactions for a combined Calogero-Bogoyavlenskii-Schiff-type equation. *Applied Mathematics Letters*, **2021**, 114, 106702	3.5	39
93	Anti-dark solitons for a variable-coefficient higher-order nonlinear Schrödinger equation in an inhomogeneous optical fiber. *Physica Scripta*, **2015**, 90, 045201	2.6	37
92	Solitons and quasi-periodic behaviors in an inhomogeneous optical fiber. *Communications in Nonlinear Science and Numerical Simulation*, **2017**, 42, 477-490	3.7	36
91	Rogue waves for the generalized nonlinear Schrödinger-Maxwell-Bloch system in optical-fiber communication. *Applied Mathematics Letters*, **2015**, 40, 78-83	3.5	36
90	Soliton dynamics for a nonintegrable model of light-colloid interactive fluids. *Nonlinear Dynamics*, **2018**, 91, 29-38	5	36
89	Solitons, Bäcklund transformation and Lax pair for a (2+1)-dimensional B-type Kadomtsev-Petviashvili equation in the fluid/plasma mechanics. *Modern Physics Letters B*, **2016**, 30, 1650265	1.6	35
88	Lax pair, rogue-wave and soliton solutions for a variable-coefficient generalized nonlinear Schrödinger equation in an optical fiber, fluid or plasma. *Optical and Quantum Electronics*, **2016**, 48, 1	2.4	35

87	Multi-soliton solutions for the coupled nonlinear Schrödinger-type equations. *Nonlinear Dynamics*, **2012**, 70, 609-617	5	35
86	Bilinear form, solitons, breathers, lumps and hybrid solutions for a (3+1)-dimensional Date-Jimbo-Kashiwara-Miwa equation. *Nonlinear Dynamics*, **2021**, 104, 1519-1531	5	34
85	Solitons for the (3+1)-dimensional variable-coefficient coupled nonlinear Schrödinger equations in an optical fiber. *Superlattices and Microstructures*, **2017**, 109, 345-359	2.8	33
84	Odd-Soliton-Like Solutions for the Variable-Coefficient Variant Boussinesq Model in the Long Gravity Waves. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2010**, 65, 818-828	1.4	33
83	Lie group analysis and analytic solutions for a (2+1)-dimensional generalized Bogoyavlensky-Konopelchenko equation in fluid mechanics and plasma physics. *European Physical Journal Plus*, **2021**, 136, 1	3.1	33
82	Dark solitonic interaction and conservation laws for a higher-order (2+1)-dimensional nonlinear Schrödinger-type equation in a Heisenberg ferromagnetic spin chain with bilinear and biquadratic interaction. *Annals of Physics*, **2015**, 363, 440-456	2.5	32
81	Bäcklund transformation, infinitely-many conservation laws, solitary and periodic waves of an extended (3 + 1)-dimensional Jimbo-Miwa equation with time-dependent coefficients. *Waves in Random and Complex Media*, **2018**, 28, 468-487	1.9	32
80	Solitons and Bäcklund transformation for a generalized (3+1)-dimensional variable-coefficient B-type Kadomtsev-Petviashvili equation in fluid dynamics. *Applied Mathematics Letters*, **2016**, 60, 96-100	3.5	31
79	Soliton and breather interactions for a coupled system. *European Physical Journal Plus*, **2018**, 133, 1	3.1	31
78	Hybrid solutions for the (2+1)-dimensional variable-coefficient Caudrey-Dodd-Gibbon-Kotera-Sawada equation in fluid mechanics. *Chaos, Solitons and Fractals*, **2021**, 152, 111355	9.3	31
77	Solitons, Bäcklund Transformation, Lax Pair, and Infinitely Many Conservation Law for a (2+1)-Dimensional Generalised Variable-Coefficient Shallow Water Wave Equation. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2016**, 71, 69-79	1.4	30
76	Macropterons, micropterons and similarity reductions for the regularized Ostrovsky-Grimshaw model for fluids and plasmas with symbolic computation. *Acta Mechanica*, **2006**, 182, 17-29	2.1	30
75	Periodic wave, breather wave and travelling wave solutions of a (2 + 1)-dimensional B-type Kadomtsev-Petviashvili equation in fluids or plasmas. *European Physical Journal Plus*, **2016**, 131, 1	3.1	29
74	Nonautonomous matter waves in a spin-1 Bose-Einstein condensate. *Physical Review E*, **2014**, 89, 062915	2.4	29
73	Multi-soliton solutions of the forced variable-coefficient extended Korteweg-de Vries equation arisen in fluid dynamics of internal solitary waves. *Nonlinear Dynamics*, **2011**, 66, 575-587	5	28
72	Vector bright soliton interactions of the two-component AB system in a baroclinic fluid. *Chaos, Solitons and Fractals*, **2021**, 142, 110363	9.3	25
71	Exterior differential expression of the (1 + 1)-dimensional nonlinear evolution equation with Lax integrability. *Journal of Mathematical Analysis and Applications*, **2016**, 435, 735-745	1.1	24
70	Solitons, breathers and rogue waves for a sixth-order variable-coefficient nonlinear Schrödinger equation in an ocean or optical fiber. *European Physical Journal Plus*, **2017**, 132, 1	3.1	23

69	Lattice Boltzmann model for a generalized Gardner equation with time-dependent variable coefficients. *Applied Mathematical Modelling*, **2017**, 46, 126-140	4.5	23
68	Solitons for a (2+1)-dimensional coupled nonlinear Schrödinger system with time-dependent coefficients in an optical fiber. *Waves in Random and Complex Media*, **2018**, 28, 708-723	1.9	23
67	Solitonic interactions, Darboux transformation and double Wronskian solutions for a variable-coefficient derivative nonlinear Schrödinger equation in the inhomogeneous plasmas. *Nonlinear Dynamics*, **2012**, 67, 713-722	5	23
66	Integrability and solitons for the higher-order nonlinear Schrödinger equation with space-dependent coefficients in an optical fiber. *European Physical Journal Plus*, **2018**, 133, 1	3.1	20
65	Rogue-wave interaction for a higher-order nonlinear Schrödinger–Maxwell–Bloch system in the optical-fiber communication. *Nonlinear Dynamics*, **2014**, 78, 2309-2318	5	20
64	Solitons for a (2+1)-dimensional Sawada–Kotera equation via the Wronskian technique. *Applied Mathematics Letters*, **2017**, 74, 193-198	3.5	19
63	Soliton-like, periodic wave and rational solutions for a (3 + 1)-dimensional Boiti-Leon-Manna-Pempinelli equation in the incompressible fluid. *Superlattices and Microstructures*, **2017**, 102, 273-283	2.8	19
62	Extended double Wronskian solutions to the Whitham–Broer–Kaup equations in shallow water. *Nonlinear Dynamics*, **2011**, 64, 197-206	5	19
61	Observable Solitonic Features of the Generalized Reaction Duffing Model. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2002**, 57, 39-44	1.4	19
60	On a (3+1)-dimensional Boiti–Leon–Manna–Pempinelli Equation. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2015**, 70, 309-316	1.4	17
59	Soliton-shape-preserving and soliton-complex interactions for a (1+1)-dimensional nonlinear dispersive-wave system in shallow water. *Nonlinear Dynamics*, **2011**, 66, 161-168	5	17
58	Solitons and dromion-like structures in an inhomogeneous optical fiber. *Nonlinear Dynamics*, **2017**, 87, 851-862	5	16
57	On the general form of the Benjamin-Bona-Mahony equation in fluid mechanics. *European Physical Journal D*, **2002**, 52, 373-377		16
56	Bilinear forms and dark-soliton solutions for a fifth-order variable-coefficient nonlinear Schrödinger equation in an optical fiber. *Modern Physics Letters B*, **2016**, 30, 1650312	1.6	16
55	Certain dark-solitonic features in optical fibres. *Journal of Modern Optics*, **2003**, 50, 2185-2189	1.1	15
54	Rogue waves, breather-to-soliton transitions and modulational instability for the nonlinear Schrödinger equation with octic operator in an optical fiber. *Optik*, **2017**, 142, 90-102	2.5	14
53	Higher-Order Rogue Waves for a Fifth-Order Dispersive Nonlinear Schrödinger Equation in an Optical Fibre. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2015**, 70, 365-374	1.4	14
52	Symbolic computation in engineering: Application to a breaking soliton equation. *International Journal of Engineering Science*, **1997**, 35, 1081-1083	5.7	14

51	The Nth-order bright and dark solitons for the higher-order nonlinear Schrödinger equation in an optical fiber. *Superlattices and Microstructures*, **2018**, 120, 697-719	2.8	13
50	Multi-Soliton and Rogue-Wave Solutions of the Higher-Order Hirota System for an Erbium-Doped Nonlinear Fiber. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2014**, 69, 521-531	1.4	13
49	Oscillations in the Interactions Among Multiple Solitons in an Optical Fibre. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2016**, 71, 1079-1091	1.4	13
48	Bilinear form and solutions of a (3+1)-dimensional generalized nonlinear evolution equation for the shallow-water waves. *Applicable Analysis*, **2021**, 100, 1544-1556	0.8	13
47	Solitons and Rogue Waves for a Higher-Order Nonlinear Schrödinger–Maxwell–Bloch System in an Erbium-Doped Fiber. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2015**, 70, 935-948	1.4	12
46	Dark soliton interactions for a fifth-order nonlinear Schrödinger equation in a Heisenberg ferromagnetic spin chain. *Superlattices and Microstructures*, **2016**, 100, 191-197	2.8	12
45	Rogue-wave interaction of the generalized variable-coefficient Hirota–Maxwell–Bloch system in fiber optics. *Chaos, Solitons and Fractals*, **2014**, 69, 217-227	9.3	11
44	N-fold Darboux transformation and solitonic interactions of a variable-coefficient generalized Boussinesq system in shallow water. *Applied Mathematics and Computation*, **2011**, 218, 4049-4055	2.7	10
43	Wronskian, Gramian, Pfaffian and periodic-wave solutions for a (3+1)-dimensional generalized nonlinear evolution equation arising in the shallow water waves. *Nonlinear Dynamics*, **2022**, 108, 1599-1616	5	10
42	Bäklund Transformation and Soliton Solutions for a (3+1)-Dimensional Variable-Coefficient Breaking Soliton Equation. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2016**, 71, 797-805	1.4	9
41	Solitons for a (2+1)-dimensional variable-coefficient Bogoyavlensky-Konopelchenko equation in a fluid. *Modern Physics Letters B*, **2017**, 31, 1750216	1.6	9
40	Elastic and inelastic interactions of solitons for a variable-coefficient generalized dispersive water-wave system. *Nonlinear Dynamics*, **2012**, 69, 391-398	5	9
39	Soliton Solution, Bäklund Transformation, and Conservation Laws for the Sasa-Satsuma Equation in the Optical Fiber Communications. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2010**, 65, 291-300	1.4	9
38	Nonautonomous solitons in terms of the double Wronskian determinant for a variable-coefficient Gross–Pitaevskii equation in the Bose–Einstein condensate. *Modern Physics Letters B*, **2016**, 30, 1650103	1.6	9
37	Bilinear forms, modulational instability and dark solitons for a fifth-order variable-coefficient nonlinear Schrödinger equation in an inhomogeneous optical fiber. *Applied Mathematics and Computation*, **2019**, 352, 270-278	2.7	8
36	Breathers, quasi-periodic and travelling waves for a generalized -dimensional Yu-Toda-Sasa-Fukayama equation in fluids. *Waves in Random and Complex Media*, **2017**, 27, 458-481	1.9	7
35	Rogue-wave solutions for an inhomogeneous nonlinear system in a geophysical fluid or inhomogeneous optical medium. *Communications in Nonlinear Science and Numerical Simulation*, **2016**, 36, 266-272	3.7	7
34	Multi-Soliton Solutions and Interaction for a Generalized Variable- Coefficient Calogero–Bogoyavlenskii–Schiff Equation. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2014**, 69, 239-248	1.4	7

33	Soliton and rogue-wave solutions for a (2 + 1)-dimensional fourth-order nonlinear Schrödinger equation in a Heisenberg ferromagnetic spin chain. *Nonlinear Dynamics*, **2016**, 86, 369-380	5	7
32	Vector semirational rogue waves for the coupled nonlinear Schrödinger equations with the higher-order effects in the elliptically birefringent optical fiber. *Waves in Random and Complex Media*, **2020**, 30, 65-80	1.9	6
31	Breathers and rogue waves for an eighth-order variable-coefficient nonlinear Schrödinger equation in an ocean or optical fiber. *Waves in Random and Complex Media*, **2017**, 27, 544-561	1.9	5
30	Higher-order rogue waves with new spatial distributions for the (2 + 1) -dimensional two-component long-wave-short-wave resonance interaction system. *European Physical Journal Plus*, **2016**, 131, 1	3.1	5
29	Bilinear forms and soliton interactions for two generalized KdV equations for nonlinear waves. *Nonlinear Dynamics*, **2014**, 78, 349-357	5	5
28	Analytic localized solitonic excitations for the (2+1)-dimensional variable-coefficient breaking soliton model in fluids and plasmas. *Nonlinear Dynamics*, **2012**, 70, 1889-1901	5	5
27	The higher-order lump, breather and hybrid solutions for the generalized Konopelchenko–Dubrovsky–Kaup–Kupershmidt equation in fluid mechanics. *Nonlinear Dynamics*, **2020**, 102, 1773-1786	5	5
26	Solitons and integrability for a (2+1)-dimensional generalized variable-coefficient shallow water wave equation. *Modern Physics Letters B*, **2017**, 31, 1750012	1.6	4
25	Nonlinear wave solutions for an integrable sixth-order nonlinear Schrödinger equation in an optical fiber. *Optik*, **2017**, 144, 685-697	2.5	4
24	Integrable aspects and soliton interaction for a generalized inhomogeneous Gardner model with external force in plasmas and fluids. *Physical Review E*, **2013**, 88, 053204	2.4	4
23	Solitons, Bäcklund transformation and Lax pair for a variable-coefficient generalized Boussinesq system in the shallow water. *Waves in Random and Complex Media*, **2017**, 27, 255-264	1.9	4
22	Multi-Soliton and Rational Solutions for the Extended Fifth-Order KdV Equation in Fluids. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2015**, 70, 559-566	1.4	4
21	SIMILARITY REDUCTIONS AND INTEGRABILITY FOR THE BRUSSELATOR REACTION–DIFFUSION MODEL WITH SYMBOLIC COMPUTATION. *International Journal of Modern Physics C*, **2003**, 14, 215-220	1.1	4
20	On the Thomas Equation for the Ion-Exchange Operations. *European Physical Journal D*, **2002**, 52, 749-751		4
19	Hybrid waves for a (2 + 1)-dimensional extended shallow water wave equation. *Physics of Fluids*, **2021**, 33, 117120	4.4	4
18	Breathers and rogue waves in a Heisenberg ferromagnetic spin chain or an alpha helical protein. *Communications in Nonlinear Science and Numerical Simulation*, **2017**, 48, 340-349	3.7	3
17	Rational solutions for a (2+1)-dimensional nonlinear model in water waves generated by the Jaulent–Miodek hierarchy. *Computers and Mathematics With Applications*, **2016**, 72, 2685-2693	2.7	3
16	Lax Pair, Conservation Laws, Solitons, and Rogue Waves for a Generalised Nonlinear Schrödinger–Maxwell–Bloch System under the Nonlinear Tunneling Effect for an Inhomogeneous Erbium-Doped Silica Fibre. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2016**, 71, 9-20	1.4	3

15	Multi-soliton and Pfaffian solutions of a (2+1)-dimensional nonlinear evolution equation via the Jaulent–Miodek hierarchy. *Applied Mathematics and Computation*, **2012**, 218, 10791-10802	2.7	3
14	ANALYTICAL INVESTIGATION OF THE CAUDREY–DODD–GIBBON–KOTERA–SAWADA EQUATION USING SYMBOLIC COMPUTATION. *International Journal of Modern Physics B*, **2013**, 27, 1250124	1.1	3
13	Bright and dark solitons for a variable-coefficient ((2+1)) dimensional Heisenberg ferromagnetic spin chain equation. *Optical and Quantum Electronics*, **2018**, 50, 1	2.4	2
12	Investigation on the behaviors of the soliton solutions for a variable-coefficient generalized AB system in the geophysical flows. *Modern Physics Letters B*, **2017**, 31, 1750254	1.6	2
11	Dark Bound Solitons and Soliton Chains for the Higher-Order Nonlinear Schrödinger Equation. *International Journal of Theoretical Physics*, **2013**, 52, 689-698	1.1	2
10	Compression of Bright Bound Solitons in the Bose-Einstein Condensates with Exponentially Time-Dependent Atomic Scattering Length by the Feshbach Resonance. *International Journal of Theoretical Physics*, **2011**, 50, 2776-2789	1.1	2
9	Periodic-wave solutions and asymptotic properties for a (3+1)-dimensional generalized breaking soliton equation in fluids and plasmas. *Modern Physics Letters B*, **2021**, 35, 2150344	1.6	2
8	Nonautonomous solitons and Wronskian solutions for the (3+1)-dimensional variable-coefficient forced Kadomtsev–Petviashvili equation in the fluid or plasma. *Applied Mathematics Letters*, **2016**, 61, 42-48	3.5	2
7	Three-wave resonant interactions: dark–bright–bright mixed N- and high-order solitons, breathers, and their structures. *Waves in Random and Complex Media*, 1-13	1.9	2
6	Rogue waves in baroclinic flows. *Theoretical and Mathematical Physics(Russian Federation)*, **2017**, 191, 725-737	0.7	1
5	Nonautonomous Solitons for the Coupled Variable-Coefficient Cubic-Quintic Nonlinear Schrödinger Equations with External Potentials in the Non-Kerr Fibre. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2015**, 70, 985-994	1.4	1
4	Lax pair, infinitely-many conservation laws and soliton solutions for a set of the time-dependent Whitham-Broer-Kaup equations for the shallow water. *Waves in Random and Complex Media*, **2019**, 29, 19-33	1.9	1
3	Soliton Solutions, Bäcklund Transformation and Wronskian Solutions for the (2+1)-Dimensional Variable-Coefficient Konopelchenko–Dubrovsky Equations in Fluid Mechanics. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2012**, 67, 132-140	1.4	
2	Observable Solitonic Features of the Generalized Reaction Duffing Model. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2002**, 57, 39-44	1.4	
1	On a vortex filament with the axial velocity. *Chaos, Solitons and Fractals*, **2022**, 154, 111574	9.3	