Dmitry E Pelinovsky

List of Publications by Year
in descending order

153	4,421	126858	138417
papers	citations	33 h-index	58 g-index

159	159	159	1444
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-focusing and transverse instabilities of solitary waves. Physics Reports, 2000, 331, 117-195.	10.3	385
2	Internal Modes of Solitary Waves. Physical Review Letters, 1998, 80, 5032-5035.	2.9	192
3	Self-focusing of plane dark solitons in nonlinear defocusing media. Physical Review E, 1995, 51, 5016-5026.	0.8	159
4	Bifurcations and stability of gap solitons in periodic potentials. Physical Review E, 2004, 70, 036618.	0.8	144
5	Nonlinear theory of oscillating, decaying, and collapsing solitons in the generalized nonlinear SchrÃ¶dinger equation. Physical Review E, 1996, 53, 1940-1953.	0.8	139
6	Internal modes of envelope solitons. Physica D: Nonlinear Phenomena, 1998, 116, 121-142.	1.3	126
7	Convergence of Petviashvili's Iteration Method for Numerical Approximation of Stationary Solutions of Nonlinear Wave Equations. SIAM Journal on Numerical Analysis, 2004, 42, 1110-1127.	1.1	124
8	Wave group dynamics in weakly nonlinear long-wave models. Physica D: Nonlinear Phenomena, 2001, 159, 35-57.	1.3	96
9	Rogue periodic waves of the modified KdV equation. Nonlinearity, 2018, 31, 1955-1980.	0.6	96
10	Convergence of the Adomian decomposition method for initial-value problems. Numerical Methods for Partial Differential Equations, 2011, 27, 749-766.	2.0	77
11	Rogue periodic waves of the focusing nonlinear SchrÃ¶dinger equation. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20170814.	1.0	75
12	Rogue waves on the double-periodic background in the focusing nonlinear SchrÃ¶dinger equation. Physical Review E, 2019, 100, 052219.	0.8	69
13	Purely nonlinear instability of standing waves with minimal energy. Communications on Pure and Applied Mathematics, 2003, 56, 1565-1607.	1.2	68
14	Global Well-Posedness of the Short-Pulse and Sineâ€“Gordon Equations in Energy Space. Communications in Partial Differential Equations, 2010, 35, 613-629.	1.0	63
15	Structural transformation of eigenvalues for a perturbed algebraic soliton potential. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 229, 165-172.	0.9	60
16	Periodic Travelling Waves of the Modified KdV Equation and Rogue Waves on the Periodic Background. Journal of Nonlinear Science, 2019, 29, 2797-2843.	1.0	59
17	Bifurcations and stability of standing waves in the nonlinear SchrÃ¶dinger equation on the tadpole graph. Nonlinearity, 2015, 28, 2343-2378.	0.6	58
18	Inertia law for spectral stability of solitary waves in coupled nonlinear SchrÃ¶dinger equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2005, 461, 783-812.	1.0	56

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19	Translationally invariant discrete kinks from one-dimensional maps. Physical Review E, 2005, 72, 035602.	0.8	51
20	Wave breaking in the short-pulse equation. Dynamics of Partial Differential Equations, 2009, 6, 291-310.	1.0	49
21	Rational solutions of the Kadomtsevâ€“Petviashvili hierarchy and the dynamics of their poles. I. New form of a general rational solution. Journal of Mathematical Physics, 1994, 35, 5820-5830.	0.5	48
22	Periodic standing waves in the focusing nonlinear SchrÃ¶dinger equation: Rogue waves and modulation instability. Physica D: Nonlinear Phenomena, 2020, 405, 132378.	1.3	48
23	Translationally invariant nonlinear SchrÃ¶dinger lattices. Nonlinearity, 2006, 19, 2695-2716.	0.6	47
24	Wave Breaking in the Ostrovskyâ€“Hunter Equation. SIAM Journal on Mathematical Analysis, 2010, 42, 1967-1985.	0.9	47
25	Oscillations of dark solitons in trapped Bose-Einstein condensates. Physical Review E, 2005, 72, 016615.	0.8	45
26	Count of eigenvalues in the generalized eigenvalue problem. Journal of Mathematical Physics, 2010, 51, .	0.5	43
27	Nonlinear dynamics in PT-symmetric lattices. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 365201.	0.7	43
28	Gaussian solitary waves and compactons in Fermiâ€“Pastaâ€“Ulam lattices with Hertzian potentials. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20130462.	1.0	41
29	Bifurcations of travelling wave solutions in the discrete NLS equations. Physica D: Nonlinear Phenomena, 2005, 202, 16-36.	1.3	39
30	Nonlinear Stationary States in PT-Symmetric Lattices. SIAM Journal on Applied Dynamical Systems, 2013, 12, 1210-1236.	0.7	39
31	Bifurcations of Standing Localized Waves on Periodic Graphs. Annales Henri Poincare, 2017, 18, 1185-1211.	0.8	37
32	Rogue waves on the background of periodic standing waves in the derivative nonlinear SchrÃ¶dinger equation. Physical Review E, 2021, 103, 062206.	0.8	36
33	Multi-site breathers in Kleinâ€“Gordon lattices: stability, resonances and bifurcations. Nonlinearity, 2012, 25, 3423-3451.	0.6	35
34	Wave Systems with an Infinite Number of Localized Traveling Waves. Physical Review Letters, 2014, 112, 054103.	2.9	35
35	The asymptotic stability of solitons in the cubic NLS equation on the line. Applicable Analysis, 2014, 93, 791-822.	0.6	34
36	Observation of modulation instability and rogue breathers on stationary periodic waves. Physical Review Research, 2020, 2, .	1.3	34

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37	Existence of Global Solutions to the Derivative NLS Equation with the Inverse Scattering Transform Method. International Mathematics Research Notices, 2018, 2018, 5663-5728.	0.5	33
38	Block-Diagonalization of the Symmetric First-Order Coupled-Mode System. SIAM Journal on Applied Dynamical Systems, 2006, 5, 66-83.	0.7	32
39	Orbital Stability of Dirac Solitons. Letters in Mathematical Physics, 2014, 104, 21-41.	0.5	31
40	Ground State on the Dumbbell Graph. Applied Mathematics Research EXpress, 2016, 2016, 98-145.	1.0	30
41	Asymptotic stability of small gap solitons in nonlinear Dirac equations. Journal of Mathematical Physics, 2012, 53, .	0.5	29
42	A normal form for nonlinear resonance of embedded solitons. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2002, 458, 1469-1497.	1.0	28
43	Transverse instabilities of deep-water solitary waves. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2006, 462, 2039-2061.	1.0	27
44	Dark solitons in external potentials. Zeitschrift Fur Angewandte Mathematik Und Physik, 2008, 59, 559-599.	0.7	27
45	Bounds on the tight-binding approximation for the Grossâ€“Pitaevskii equation with a periodic potential. Journal of Differential Equations, 2010, 248, 837-849.	1.1	27
46	Stability analysis of embedded solitons in the generalized third-order nonlinear SchrÃ¶dinger equation. Chaos, 2005, 15, 037115.	1.0	26
47	Lyapunovâ€“Schmidt reduction algorithm for three-dimensional discrete vortices. Physica D: Nonlinear Phenomena, 2008, 237, 339-350.	1.3	26
48	Coupled-Mode Equations and Gap Solitons inÂaÂTwo-Dimensional Nonlinear Elliptic Problem withÂaÂSeparable Periodic Potential. Journal of Nonlinear Science, 2009, 19, 95-131.	1.0	26
49	Internal modes of discrete solitons near the anti-continuum limit of the dNLS equation. Physica D: Nonlinear Phenomena, 2011, 240, 265-281.	1.3	26
50	On the validity of the variational approximation in discrete nonlinear SchrÃ¶dinger equations. Physica D: Nonlinear Phenomena, 2012, 241, 115-124.	1.3	26
51	Orbital stability in the cubic defocusing NLS equation: I. Cnoidal periodic waves. Journal of Differential Equations, 2015, 258, 3607-3638.	1.1	25
52	Justification of the coupled-mode approximation for a nonlinear elliptic problem with a periodic potential. Applicable Analysis, 2007, 86, 1017-1036.	0.6	24
53	Justification of the Lattice Equation for a Nonlinear Elliptic Problem with a Periodic Potential. Communications in Mathematical Physics, 2008, 284, 803-831.	1.0	24
54	Modulational Instability of Periodic Standing Waves in the Derivative NLS Equation. Journal of Nonlinear Science, 2021, 31, 1.	1.0	24

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55	Global existence of small-norm solutions in the reduced Ostrovsky equation. Discrete and Continuous Dynamical Systems, 2013, 34, 557-566.	0.5	23
56	Eigenfunctions and Eigenvalues for a Scalar Riemann-Hilbert Problem Associated to Inverse Scattering. Communications in Mathematical Physics, 2000, 208, 713-760.	1.0	22
57	A mysterious threshold for transverse instability of deep-water solitons. Mathematics and Computers in Simulation, 2001, 55, 585-594.	2.4	22
58	Spectral stability of shifted states on star graphs. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 095203.	0.7	22
59	Normal form for travelling kinks in discrete Kleinâ€“Gordon lattices. Physica D: Nonlinear Phenomena, 2006, 216, 327-345.	1.3	21
60	Domain Walls in the Coupled Grossâ€“Pitaevskii Equations. Archive for Rational Mechanics and Analysis, 2015, 215, 579-610.	1.1	21
61	Modeling of Wave Resonances in Low-Contrast Photonic Crystals. SIAM Journal on Applied Mathematics, 2005, 65, 1101-1129.	0.8	20
62	Energy Criterion for the Spectral Stability of Discrete Breathers. Physical Review Letters, 2016, 117, 094101.	2.9	20
63	Instability of H1-stable peakons in the Camassaâ€“Holm equation. Journal of Differential Equations, 2020, 268, 7342-7363.	1.1	20
64	One-parameter localized traveling waves in nonlinear SchrÃ¶dinger lattices. Physica D: Nonlinear Phenomena, 2007, 236, 22-43.	1.3	19
65	Periodic Traveling Waves in Diatomic Granular Chains. Journal of Nonlinear Science, 2013, 23, 689-730.	1.0	19
66	Darboux transformation and soliton solutions of the semi-discrete massive Thirring model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 125948.	0.9	19
67	Validity of the NLS approximation for periodic quantum graphs. Nonlinear Differential Equations and Applications, 2016, 23, 1.	0.4	18
68	Standing waves of the quintic NLS equation on the tadpole graph. Calculus of Variations and Partial Differential Equations, 2020, 59, 1.	0.9	18
69	Localized structures on librational and rotational travelling waves in the sine-Gordon equation. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, .	1.0	18
70	The derivative NLS equation: global existence with solitons. Dynamics of Partial Differential Equations, 2017, 14, 271-294.	1.0	18
71	On the Thomasâ€“Fermi ground state in a harmonic potential. Asymptotic Analysis, 2011, 73, 53-96.	0.2	17
72	On the orbital stability of Gaussian solitary waves in the log-KdV equation. Nonlinearity, 2014, 27, 3185-3202.	0.6	17

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73	Justification of the log-KdV Equation in Granular Chains: The Case of Precompression. SIAM Journal on Mathematical Analysis, 2014, 46, 4075-4103.	0.9	17
74	L²orbital stability of Dirac solitons in the massive Thirring model. Communications in Partial Differential Equations, 2016, 41, 227-255.	1.0	17
75	On internal waveâ€“shear flow resonance in shallow water. Journal of Fluid Mechanics, 1998, 354, 209-237.	1.4	16
76	Bifurcations from the endpoints of the essential spectrum in the linearized nonlinear SchrÃ¶dinger problem. Journal of Mathematical Physics, 2005, 46, 053520.	0.5	16
77	Incompressible Viscous Fluid Flows in a Thin Spherical Shell. Journal of Mathematical Fluid Mechanics, 2009, 11, 60-90.	0.4	16
78	Orbital stability of periodic waves in the class of reduced Ostrovsky equations. Journal of Differential Equations, 2016, 261, 3268-3304.	1.1	16
79	Nonlinear instability of half-solitons on star graphs. Journal of Differential Equations, 2018, 264, 7357-7383.	1.1	16
80	Convergence of Petviashvili's Method near Periodic Waves in the Fractional Korteweg–de Vries Equation. SIAM Journal on Mathematical Analysis, 2019, 51, 2850-2883.	0.9	16
81	Bifurcations of new eigenvalues for the Benjaminâ€“Ono equation. Journal of Mathematical Physics, 1998, 39, 6552-6572.	0.5	15
82	On quadratic eigenvalue problems arising in stability of discrete vortices. Linear Algebra and Its Applications, 2009, 431, 962-973.	0.4	15
83	Discrete Traveling Solitons in the Salerno Model. SIAM Journal on Applied Dynamical Systems, 2009, 8, 689-709.	0.7	15
84	Stability of multi-solitons in the cubic NLS equation. Journal of Hyperbolic Differential Equations, 2014, 11, 329-353.	0.3	15
85	Spectral stability of periodic waves in the generalized reduced Ostrovsky equation. Letters in Mathematical Physics, 2017, 107, 1293-1314.	0.5	15
86	Counting Unstable Eigenvalues in Hamiltonian Spectral Problems via Commuting Operators. Communications in Mathematical Physics, 2017, 354, 247-268.	1.0	15
87	Eigenvalues of a nonlinear ground state in the Thomasâ€“Fermi approximation. Journal of Mathematical Analysis and Applications, 2009, 355, 495-526.	0.5	14
88	Rigorous justification of the short-pulse equation. Nonlinear Differential Equations and Applications, 2013, 20, 1277-1294.	0.4	14
89	New variational characterization of periodic waves in the fractional Kortewegâ€“de Vries equation. Nonlinearity, 2020, 33, 1956-1986.	0.6	14
90	Instability of Double-Periodic Waves in the Nonlinear SchrÃ¶dinger Equation. Frontiers in Physics, 2021, 9, .	1.0	14

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91	Growth of Perturbations to the Peaked Periodic Waves in the Camassa–Holm Equation. SIAM Journal on Mathematical Analysis, 2021, 53, 3016-3039.	0.9	14
92	Two-pulse solutions in the fifth-order KdV equation: Rigorous theory and numerical approximations. Discrete and Continuous Dynamical Systems - Series B, 2007, 8, 773-800.	0.5	14
93	Periodic oscillations of discrete NLS solitons in the presence of diffraction management. Nonlinearity, 2008, 21, 1265-1279.	0.6	13
94	Polychromatic Solitary Waves in a Periodic and Nonlinear Maxwell System. SIAM Journal on Applied Dynamical Systems, 2012, 11, 478-506.	0.7	13
95	Drift of Spectrally Stable Shifted States on Star Graphs. SIAM Journal on Applied Dynamical Systems, 2019, 18, 1723-1755.	0.7	13
96	Edge-localized states on quantum graphs in the limit of large mass. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2021, 38, 1295-1335.	0.7	13
97	Effects of rotation on stability of viscous stationary flows on a spherical surface. Physics of Fluids, 2010, 22, 126602.	1.6	12
98	Sharp bounds on enstrophy growth in the viscous Burgers equation. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 3636-3648.	1.0	12
99	Global Existence of Solutions to Coupled ? ? $mathcal {PT}$ -Symmetric Nonlinear SchrÃ¶dinger Equations. International Journal of Theoretical Physics, 2015, 54, 3920-3931.	0.5	12
100	Breathers in Hamiltonian PT -Symmetric Chains of Coupled Pendula under a Resonant Periodic Force. Symmetry, 2016, 8, 59.	1.1	12
101	Nonlinear Instability of a Critical Traveling Wave in the Generalized Kortewegâ€“de Vries Equation. SIAM Journal on Mathematical Analysis, 2007, 39, 1-33.	0.9	11
102	Approximation of small-amplitude weakly coupled oscillators by discrete nonlinear SchrÃ¶dinger equations. Reviews in Mathematical Physics, 2016, 28, 1650015.	0.7	11
103	Nonlinear Instabilities of Multiâ€Site Breathers in Kleinâ€“Gordon Lattices. Studies in Applied Mathematics, 2016, 137, 214-237.	1.1	11
104	Standing waves on a flower graph. Journal of Differential Equations, 2021, 271, 719-763.	1.1	11
105	Transverse Instability of Vector Solitons and Generation of Dipole Arrays. Physical Review Letters, 2001, 87, 103903.	2.9	10
106	Long-time stability of breathers in Hamiltonian ${ mathcal P }{ mathcal T }$-symmetric lattices. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 475201.	0.7	10
107	Asymptotic theory of plane soliton self-focusing in two-dimensional wave media. Physica D: Nonlinear Phenomena, 1995, 85, 468-484.	1.3	9
108	GENERATION OF COLLECTIVE-ACTIVITY STRUCTURES IN A HOMOGENEOUS NEURON-LIKE MEDIUM I: BIFURCATION ANALYSIS OF STATIC STRUCTURES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1996, 06, 81-87.	0.7	9

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109	Moving gap solitons in periodic potentials. Mathematical Methods in the Applied Sciences, 2008, 31, 1739-1760.	1.2	9
110	On transverse stability of discrete line solitons. Physica D: Nonlinear Phenomena, 2013, 255, 1-11.	1.3	9
111	Persistence of the Thomasâ€“Fermi approximation for ground states of the Grossâ€“Pitaevskii equation supported by the nonlinear confinement. Applied Mathematics Letters, 2015, 40, 45-48.	1.5	9
112	Stability of smooth periodic travelling waves in the Camassaâ€“Holm equation. Studies in Applied Mathematics, 2022, 148, 27-61.	1.1	9
113	Spectral instability of the peaked periodic wave in the reduced Ostrovsky equations. Proceedings of the American Mathematical Society, 2020, 148, 5109-5125.	0.4	9
114	Standing waves on quantum graphs. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 243001.	0.7	9
115	Exact conditions for existence of homoclinic orbits in the fifth-order KdV model. Nonlinearity, 2006, 19, 2277-2312.	0.6	8
116	The monoatomic FPU system as a limit of a diatomic FPU system. Applied Mathematics Letters, 2020, 107, 106387.	1.5	8
117	$W^{1,infty}$ instability of H^1-stable peakons in the Novikov equation. Dynamics of Partial Differential Equations, 2021, 18, 176-197.	1.0	8
118	Enstrophy growth in the viscous Burgers equation. Dynamics of Partial Differential Equations, 2012, 9, 305-340.	1.0	8
119	Linear Instability of Breathers for the Focusing Nonlinear SchrÃ¶dinger Equation. Journal of Nonlinear Science, 2022, 32, .	1.0	8
120	On numerical modelling and the blow-up behavior of contact lines with a $$mathbf{180}^{varvec{circ }}$$ 180 â˜ contact angle. Journal of Engineering Mathematics, 2015, 92, 31-44.	0.6	7
121	Orbital stability in the cubic defocusing NLS equation: II. The black soliton. Journal of Differential Equations, 2015, 258, 3639-3660.	1.1	7
122	Stability and interaction of compactons in the sublinear KdV equation. Communications in Nonlinear Science and Numerical Simulation, 2021, 101, 105855.	1.7	7
123	On the asymptotic stability of localized modes in the discrete nonlinear SchrÃ¶dinger equation. Discrete and Continuous Dynamical Systems - Series S, 2012, 5, 971-987.	0.6	7
124	Three-dimensional gravity waves in a channel of variable depth. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 2104-2113.	1.7	6
125	On the linearized log-KdV equation. Communications in Mathematical Sciences, 2017, 15, 863-880.	0.5	6
126	Bifurcation of gap solitons in periodic potentials with a periodic sign-varying nonlinearity coefficient. Applicable Analysis, 2010, 89, 1335-1350.	0.6	5

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127	On the Thomasâ€“Fermi Approximation of the Ground State in a â€Symmetric Confining Potential. Studies in Applied Mathematics, 2014, 133, 398-421.	1.1	5
128	Transverse Instability of Line Solitary Waves in Massive Dirac Equations. Journal of Nonlinear Science, 2016, 26, 365-403.	1.0	5
129	Global solutions to the shallow water system with a method of an additional argument. Applicable Analysis, 2017, 96, 1444-1465.	0.6	5
130	Integrable semi-discretization of the massive Thirring system in laboratory coordinates. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 03LT01.	0.7	5
131	Bifurcation of nonlinear bound states in the periodic Gross-Pitaevskii equation with ??-symmetry. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 171-204.	0.8	5
132	Periodic Waves in the Fractional Modified Kortewegâ€“de Vries Equation. Journal of Dynamics and Differential Equations, 2022, 34, 1601-1640.	1.0	5
133	Greenâ€™s Function for the Fractional KDV Equation on the Periodic Domain via Mittag-Leffler Function. Fractional Calculus and Applied Analysis, 2021, 24, 1507-1534.	1.2	5
134	GENERATION OF COLLECTIVE-ACTIVITY STRUCTURES IN A HOMOGENEOUS NEURON-LIKE MEDIUM II: DYNAMICS OF PROPAGATING AND PULSATING STRUCTURES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1996, 06, 89-100.	0.7	4
135	Asymptotic properties of excited states in the Thomasâ€“Fermi limit. Nonlinear Analysis: Theory, Methods & Applications, 2010, 73, 2631-2643.	0.6	4
136	Normal form for transverse instability of the line soliton with a nearly critical speed of propagation. Mathematical Modelling of Natural Phenomena, 2018, 13, 23.	0.9	4
137	Ground State of the Conformal Flow on ? 3. Communications on Pure and Applied Mathematics, 2019, 72, 1123-1151.	1.2	4
138	Solitary waves with intensity-dependent dispersion: variational characterization. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 445701.	0.7	4
139	Traveling Monotonic Fronts in the Discrete Nagumo Equation. Journal of Dynamics and Differential Equations, 2011, 23, 167-183.	1.0	3
140	Justification of a nonlinear SchrÃ¶dinger model for laser beams in photopolymers. Zeitschrift Fur Angewandte Mathematik Und Physik, 2014, 65, 405-433.	0.7	3
141	Inverse Scattering for the Massive Thirring Model. Fields Institute Communications, 2019, , 497-528.	0.6	3
142	Vortex families near a spectral edge in the Gross-Pitaevskii equation with a two-dimensional periodic potential. Physical Review E, 2012, 85, 026605.	0.8	2
143	Existence and stability of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi mathvariant="script">PT</mml:mi></mml:math>-symmetric states in nonlinear two-dimensional square lattices. Physica D: Nonlinear Phenomena, 2016, 326, 1-20.	1.3	2
144	Nonexistence of self-similar blowup for the nonlinear Dirac equations in (1+1) dimensions. Applied Mathematics Letters, 2019, 92, 176-183.	1.5	2

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145	Asymptotic stability of viscous shocks in the modular Burgers equation. Nonlinearity, 2021, 34, 5979-6016.	0.6	2
146	Multi-pulse edge-localized states on quantum graphs. Analysis and Mathematical Physics, 2021, 11, 1.	0.6	2
147	Bifurcations of Asymmetric Vortices in Symmetric Harmonic Traps. Applied Mathematics Research EXpress, 2012, , .	1.0	1
148	Multilevel computations of dispersed drug release. Numerical Methods for Partial Differential Equations, 2013, 29, 1391-1415.	2.0	1
149	Krein signature for instability of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml41" display="inline" overflow="scroll" altimg="si41.gif"><mml:mi mathvariant="script">PT</mml:mi></mml:math>-symmetric states. Physica D: Nonlinear Phenomena, 2018, 371, 48-59.	1.3	1
150	On the impossibility of solitary Rossby waves in meridionally unbounded domains. Physics of Fluids, 2018, 30, .	1.6	1
151	Preface: Nonlinear waves in fluids in honor of Roger Grimshaw on the occasion of his 80th birthday. Studies in Applied Mathematics, 2019, 142, 215-218.	1.1	0
152	Preface: Nonlinear waves in fluids in honor of Roger Grimshaw on the occasion of his 80th birthday: Part II. Studies in Applied Mathematics, 2019, 142, 417-418.	1.1	0
153	Chernâ€“Simonsâ€“SchrÃ¶dinger theory on a one-dimensional lattice. Letters in Mathematical Physics, 2020, 110, 2221-2244.	0.5	0