Murugaian Senthilvelan

List of Publications by Year
in descending order

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139	2,369	230014	299063
papers	citations	27 h-index	42 g-index

141	141	141	904
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Higher-order matter rogue waves and their deformations in two-component Boseâ€“Einstein condensates. Waves in Random and Complex Media, 2022, 32, 867-886.	1.6	12
2	Exotic states induced by coevolving connection weights and phases in complex networks. Physical Review E, 2022, 105, 034312.	0.8	9
3	Prediction of occurrence of extreme events using machine learning. European Physical Journal Plus, 2022, 137, 1.	1.2	9
4	Data driven soliton solution of the nonlinear SchrÃ¶dinger equation with certain PT-symmetric potentials via deep learning. Chaos, 2022, 32, .	1.0	6
5	Nth-order smooth positon and breather-positon solutions of a generalized nonlinear SchrÃ¶dinger equation. European Physical Journal Plus, 2022, 137, .	1.2	7
6	Suppression of extreme events and chaos in a velocity-dependent potential system with time-delay feedback. Chaos, Solitons and Fractals, 2022, 161, 112321.	2.5	6
7	Emergence and mitigation of extreme events in a parametrically driven system with velocity-dependent potential. European Physical Journal Plus, 2021, 136, 1.	1.2	13
8	Rogue waves on the double-periodic background in Hirota equation. European Physical Journal Plus, 2021, 136, 1.	1.2	13
9	Penrose instabilities and the emergence of rogue waves in Sasaâ€“Satsuma equation. European Physical Journal Plus, 2021, 136, .	1.2	2
10	Symmetrical emergence of extreme events at multiple regions in a damped and driven velocity-dependent mechanical system. Physica Scripta, 2021, 96, 095216.	1.2	5
11	Nonlinear tunneling of solitons in a variable coefficients nonlinear SchrÃ¶dinger equation with $$mathscr {PT}$$-symmetric Rosenâ€“Morse potential. European Physical Journal B, 2021, 94, 1.	0.6	13
12	Rogue waves on an elliptic function background in complex modified Kortewegâ€“de Vries equation. Physica Scripta, 2021, 96, 105206.	1.2	6
13	Model-free prediction of emergence of extreme events in a parametrically driven nonlinear dynamical system by deep learning. European Physical Journal B, 2021, 94, 1.	0.6	14
14	Constant bias and weak second periodic forcing : tools to mitigate extreme events. European Physical Journal Plus, 2021, 136, 1.	1.2	4
15	Formation of rogue waves on the periodic background in a fifth-order nonlinear SchrÃ¶dinger equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 415, 127640.	0.9	13
16	High-order synchronization in a system of nonlinearly coupled Stuart-Landau oscillators. European Physical Journal Plus, 2021, 136, 1.	1.2	1
17	Extended Prelleâ€“Singer procedure and Darboux polynomial method: An unknown interconnection. International Journal of Non-Linear Mechanics, 2020, 118, 103284.	1.4	2
18	Response to â€œComment on â€˜Classification of Lie point symmetries for quadratic LiÃ©nard type equation áº• + f(x)áº‹2 + g(x) = 0â€™â€•[J. Math. Phys. 61, 044101 (2020)]. Journal of Mathematical Physics, 2020, 61, 044102.	0.5	0

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19	A method of identifying integrability quantifiers from an obvious <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e20" altimg="si8.svg"><mml:mi mathvariant="normal">Î»</mml:mi></mml:math>-symmetry in second-order nonlinear ordinary differential equations. International Journal of Non-Linear Mechanics, 2019, 116, 318-323.	1.4	2
20	Nondegenerate Solitons in Manakov System. Physical Review Letters, 2019, 122, 043901.	2.9	62
21	A note on the application of Darboux polynomial method to an nonlinear oscillator equation. International Journal of Non-Linear Mechanics, 2019, 115, 49-52.	1.4	1
22	On the role of four-wave mixing effect in the interactions between nonlinear modes of coupled generalized nonlinear SchrÃ¶dinger equation. Chaos, 2019, 29, 123135.	1.0	5
23	Degenerate soliton solutions and their dynamics in the nonlocal Manakov system: I symmetry preserving and symmetry breaking solutions. Nonlinear Dynamics, 2019, 95, 343-360.	2.7	24
24	On symmetry preserving and symmetry broken bright, dark and antidark soliton solutions of nonlocal nonlinear SchrÃ¶dinger equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 15-26.	0.9	20
25	Energy-sharing collisions and the dynamics of degenerate solitons in the nonlocal Manakov system. Nonlinear Dynamics, 2019, 95, 1767-1780.	2.7	26
26	On the interconnections between various analytic approaches in coupled first-order nonlinear differential equations. Communications in Nonlinear Science and Numerical Simulation, 2018, 62, 213-228.	1.7	3
27	An inclusive SUSY approach to position dependent mass systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1645-1650.	0.9	9
28	Stable amplitude chimera states in a network of locally coupled Stuart-Landau oscillators. Chaos, 2018, 28, 033110.	1.0	20
29	A note on deriving linearizing transformations for a class of second order nonlinear ordinary differential equations. Nonlinear Analysis: Real World Applications, 2018, 39, 202-212.	0.9	1
30	Dynamical behaviour of solitons in a ??-invariant nonlocal nonlinear SchrÃ¶dinger equation with distributed coefficients. European Physical Journal B, 2018, 91, 1.	0.6	8
31	On the Symmetries of a LiÃ©nard Type Nonlinear Oscillator Equation. Springer Proceedings in Mathematics and Statistics, 2018, , 75-103.	0.1	0
32	Deformation of dark solitons in a PT-invariant variable coefficients nonlocal nonlinear SchrÃ¶dinger equation. Chaos, 2018, 28, 083103.	1.0	11
33	On the symmetries of a nonlinear non-polynomial oscillator. Communications in Nonlinear Science and Numerical Simulation, 2017, 43, 111-117.	1.7	6
34	Chimeralike states in two distinct groups of identical populations of coupled Stuart-Landau oscillators. Physical Review E, 2017, 95, 022208.	0.8	16
35	Nonstandard bilinearization of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="script">PT</mml:mi></mml:math>-invariant nonlocal nonlinear SchrÃ¶dinger equation: Bright soliton solutions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2380-2385.	0.9	27
36	Controlling of blow-up responses by nonlinear <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi></mml:math> -symmetric coupling. Physical Review A, 2017, 95, .	1.0	4

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37	Quantum solvability of a general ordered position dependent mass system: Mathews-Lakshmanan oscillator. Journal of Mathematical Physics, 2017, 58, .	0.5	20
38	Interplay of symmetries and other integrability quantifiers in finite-dimensional integrable nonlinear dynamical systems. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 472, 20150847.	1.0	3
39	An analysis of spatiotemporal localized solutions in the variable coefficients (3â€‰+â€‰1)-dimensional nonlinear SchrÃ¶dinger equation with six different forms of dispersion parameters. Chaos, 2016, 26, 073116.	1.0	6
40	The inverse problem of a mixed LiÃ©nard-type nonlinear oscillator equation from symmetry perspective. Acta Mechanica, 2016, 227, 2039-2051.	1.1	2
41	Systems that becomePTsymmetric through interaction. Physical Review A, 2016, 94, .	1.0	6
42	On the characterization of vector rogue waves in two-dimensional two coupled nonlinear SchrÃ¶dinger equations with distributed coefficients. European Physical Journal B, 2016, 89, 1.	0.6	27
43	Twofold<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi></mml:math>symmetry in nonlinearly damped dynamical systems and tailoring<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi></mml:math>regions with position-dependent loss-gain profiles. Physical Review A, 2016, 93, .	1.0	13
44	Manipulating localized matter waves in multicomponent Bose-Einstein condensates. Physical Review E, 2016, 93, 032212.	0.8	29
45	Imperfectly synchronized states and chimera states in two interacting populations of nonlocally coupled Stuart-Landau oscillators. Physical Review E, 2016, 94, 012311.	0.8	22
46	Identifying non-k-separability of a class of N-qubit complete graph states using correlation tensors. European Physical Journal D, 2016, 70, 1.	0.6	2
47	Different kinds of chimera death states in nonlocally coupled oscillators. Physical Review E, 2016, 93, 052213.	0.8	20
48	On the Non-k-Separability of Dicke Class of States and N-Qudit W States. International Journal of Theoretical Physics, 2016, 55, 1854-1870.	0.5	3
49	Amplification of matter rogue waves and breathers in quasi-two-dimensional Bose-Einstein condensates. European Physical Journal B, 2016, 89, 1.	0.6	11
50	Order preserving contact transformations and dynamical symmetries of scalar and coupled Riccati and Abel chains. Communications in Nonlinear Science and Numerical Simulation, 2016, 36, 303-318.	1.7	5
51	N-brightâ€“bright and N-darkâ€“dark solitons of the coupled generalized nonlinear SchrÃ¶dinger equations. Communications in Nonlinear Science and Numerical Simulation, 2016, 36, 366-377.	1.7	20
52	Impact of symmetry breaking in networks of globally coupled oscillators. Physical Review E, 2015, 91, 052915.	0.8	52
53	Breathers and rogue waves: Demonstration with coupled nonlinear SchrÃ¶dinger family of equations. Pramana - Journal of Physics, 2015, 84, 339-352.	0.9	5
54	Removal of ordering ambiguity for a class of position dependent mass quantum systems with an application to the quadratic LiÃ©nard type nonlinear oscillators. Journal of Mathematical Physics, 2015, 56, .	0.5	13

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55	Higher order rogue wave solutions of general coupled nonlinear SchrÃ¶dinger equations. Physica Scripta, 2015, 90, 025203.	1.2	11
56	On the Separability Criterion of Bipartite States with Certain Non-Hermitian Operators. International Journal of Theoretical Physics, 2015, 54, 2632-2643.	0.5	0
57	Criteria for non-k-separability of n-partite quantum states. European Physical Journal D, 2015, 69, 1.	0.6	6
58	Interconnections between various analytic approaches applicable to third-order nonlinear differential equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20140720.	1.0	5
59	Symmetries of nonlinear ordinary differential equations: The modified Emden equation as a case study. Pramana - Journal of Physics, 2015, 85, 755-787.	0.9	6
60	Lie point symmetries classification of the mixed LiÃ©nard-type equation. Nonlinear Dynamics, 2015, 82, 1953-1968.	2.7	11
61	On the characterization of breather and rogue wave solutions and modulation instability of a coupled generalized nonlinear SchrÃ¶dinger equations. Wave Motion, 2015, 54, 125-133.	1.0	30
62	Generalized Darboux transformation and Nth order rogue wave solution of a general coupled nonlinear SchrÃ¶dinger equations. Communications in Nonlinear Science and Numerical Simulation, 2015, 20, 401-420.	1.7	35
63	Nonlinear time evolution of coherent states with observation of super revivals in a generalized isotonic oscillator. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1450027.	0.8	0
64	The Prelle-Singer method and PainlevÃ© hierarchies. Journal of Mathematical Physics, 2014, 55, 053510.	0.5	2
65	Manipulating matter rogue waves and breathers in Bose-Einstein condensates. Physical Review E, 2014, 90, 062905.	0.8	48
66	Interplay of symmetries, null forms, Darboux polynomials, integrating factors and Jacobi multipliers in integrable second-order differential equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20130656.	1.0	22
67	Photon Modulated Coherent States of a Generalized Isotonic Oscillator by Weyl Ordering and their Non-Classical Properties. International Journal of Theoretical Physics, 2014, 53, 4338-4350.	0.5	1
68	Dark solitons, breathers, and rogue wave solutions of the coupled generalized nonlinear SchrÃ¶dinger equations. Physical Review E, 2014, 89, 062901.	0.8	41
69	On the linearization of isochronous centre of a modified Emden equation with linear external forcing. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 799-806.	1.7	6
70	Akhmediev breathers, Ma solitons, and general breathers from rogue waves: A case study in the Manakov system. Physical Review E, 2013, 88, 022918.	0.8	96
71	Classification of Lie point symmetries for quadratic LiÃ©nard type equation $ddot{x}+f(x)dot{x}^2+g(x)=0$xì^+f(x)xì‡2+g(x)=0. Journal of Mathematical Physics, 2013, 54, .	0.5	51
72	A nonlocal connection between certain linear and nonlinear ordinary differential equations â€“ Part II: Complex nonlinear oscillators. Applied Mathematics and Computation, 2013, 224, 593-602.	1.4	1

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73	Ladder operators and squeezed coherent states of a three-dimensional generalized isotonic nonlinear oscillator. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 025305.	0.7	5
74	On certain new exact solutions of a diffusive predatorâ€“prey system. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1269-1274.	1.7	27
75	A report on the nonlinear squeezed states and their non-classical properties of a generalized isotonic oscillator. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 125302.	0.7	3
76	An observation of quadratic algebra, dual family of nonlinear coherent states and their non-classical properties, in the generalized isotonic oscillator. Journal of Mathematical Physics, 2012, 53, 082102.	0.5	4
77	Nonlocal symmetries of Riccati and Abel chains and their similarity reductions. Journal of Mathematical Physics, 2012, 53, 023512.	0.5	11
78	A Systematic Method of Finding Linearizing Transformations for Nonlinear Ordinary Differential Equations I: Scalar Case. Journal of Nonlinear Mathematical Physics, 2012, 19, 182.	0.8	2
79	Multi-loop soliton solutions and their interaction in the Degasperisâ€“Procesi equation. Physica Scripta, 2012, 86, 015006.	1.2	14
80	On the complete integrability of a nonlinear oscillator from group theoretical perspective. Journal of Mathematical Physics, 2012, 53, .	0.5	27
81	A Systematic Method of Finding Linearizing Transformations for Nonlinear Ordinary Differential Equations II: Extension to Coupled ODEs. Journal of Nonlinear Mathematical Physics, 2012, 19, 203.	0.8	2
82	Exact quantization of a PT-symmetric (reversible) LiÃ©nard-type nonlinear oscillator. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 382002.	0.7	32
83	Application of the -symmetries approach and time independent integral of the modified Emden equation. Nonlinear Analysis: Real World Applications, 2012, 13, 1102-1114.	0.9	14
84	Nonlocal symmetries of a class of scalar and coupled nonlinear ordinary differential equations of any order. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 445201.	0.7	5
85	A note on the prolongation structure of the cubically nonlinear integrable Camassaâ€“Holm type equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3786-3788.	0.9	4
86	On the particular solutions of an integrable equation governing short waves in a long-wave model. Nonlinear Analysis: Real World Applications, 2011, 12, 446-449.	0.9	2
87	On the nonlocal symmetries of certain nonlinear oscillators and their general solution. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 2985-2987.	0.9	13
88	Lie point symmetries and the time-independent integral of the damped harmonic oscillator. Physica Scripta, 2011, 83, 055005.	1.2	5
89	On certain new integrable second order nonlinear differential equations and their connection with two dimensional Lotkaâ€“Volterra system. Journal of Mathematical Physics, 2010, 51, .	0.5	10
90	On the construction of coherent states of position dependent mass SchrÃ¶dinger equation endowed with effective potential. Journal of Mathematical Physics, 2010, 51, .	0.5	27

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91	A nonlocal connection between certain linear and nonlinear ordinary differential equations: Extension to coupled equations. Journal of Mathematical Physics, 2010, 51, 103513.	0.5	8
92	On the generalized intelligent states and certain related nonclassical states of a quantum exactly solvable nonlinear oscillator. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 415301.	0.7	7
93	Note on the Poisson structure of the damped oscillator. Journal of Mathematical Physics, 2009, 50, 102902.	0.5	2
94	Nonstandard conserved Hamiltonian structures in dissipative/damped systems: Nonlinear generalizations of damped harmonic oscillator. Journal of Mathematical Physics, 2009, 50, 052901.	0.5	27
95	Dynamics of a completely integrableN-coupled LiÃ©nard-type nonlinear oscillator. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 135206.	0.7	11
96	On the solutions of the position-dependent effective mass SchrÃ¶dinger equation of a nonlinear oscillator related with the isotonic oscillator. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 415303.	0.7	25
97	On the complete integrability and linearization of nonlinear ordinary differential equations. III. Coupled first-order equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 585-608.	1.0	11
98	On the complete integrability and linearization of nonlinear ordinary differential equations. V. Linearization of coupled second-order equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 2369-2389.	1.0	8
99	A group theoretical identification of integrable equations in the LiÃ©nard-type equation xÌˆ+f(x)xÌ‡+g(x)=. II. Equations having maximal Lie point symmetries. Journal of Mathematical Physics, 2009, 50, .	0.5	34
100	A group theoretical identification of integrable cases of the LiÃ©nard-type equation xÌˆ+f(x)xÌ‡+g(x)=. I. Equations having nonmaximal number of Lie point symmetries. Journal of Mathematical Physics, 2009, 50, .	0.5	19
101	On the complete integrability and linearization of nonlinear ordinary differential equations. IV. Coupled second-order equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 609-629.	1.0	11
102	Solution and asymptotic/blow-up behaviour of a class of nonlinear dissipative systems. Journal of Mathematical Analysis and Applications, 2008, 339, 1199-1209.	0.5	14
103	Reply to â€˜Comment on â€œOn the general solution for the modified Emden type equation ddot{x}+alpha xdot{x}+eta x^3=0 â€œâ€™. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 068002.	0.7	3
104	On the general solution for the modified Emden-type equation. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 4717-4727.	0.7	46
105	On the Lagrangian and Hamiltonian description of the damped linear harmonic oscillator. Journal of Mathematical Physics, 2007, 48, 032701.	0.5	46
106	On the complete integrability and linearization of nonlinear ordinary differential equations. II. Third-order equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2006, 462, 1831-1852.	1.0	22
107	A nonlocal connection between certain linear and nonlinear ordinary differential equations/oscillators. Journal of Physics A, 2006, 39, 10945-10945.	1.6	9
108	A note on the PainlevÃ© analysis of a (2+1) dimensional Camassaâ€“Holm equation. Chaos, Solitons and Fractals, 2006, 28, 1281-1284.	2.5	6

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109	A unification in the theory of linearization of second-order nonlinear ordinary differential equations. Journal of Physics A, 2006, 39, L69-L76.	1.6	32
110	A nonlocal connection between certain linear and nonlinear ordinary differential equations/oscillators. Journal of Physics A, 2006, 39, 9743-9754.	1.6	31
111	Equivalence transformations and differential invariants of a generalized nonlinear SchrÃ¶dinger equation. Journal of Physics A, 2006, 39, 3703-3713.	1.6	12
112	A simple and unified approach to identify integrable nonlinear oscillators and systems. Journal of Mathematical Physics, 2006, 47, 023508.	0.5	76
113	SYMMETRY ANALYSIS AND LINEARIZATION OF THE (2+1) DIMENSIONAL BURGERS EQUATION. , 2006, , .		1
114	Application of extended Prelleâ€“Singer procedure to the generalized modified Emden type equation. Chaos, Solitons and Fractals, 2005, 26, 1399-1406.	2.5	15
115	On the complete integrability and linearization of certain second-order nonlinear ordinary differential equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2005, 461, 2451-2477.	1.0	98
116	Extended Prelle-Singer Method and Integrability/Solvability of a Class of Nonlinear nth Order Ordinary Differential Equations. Journal of Nonlinear Mathematical Physics, 2005, 12, 184.	0.8	23
117	Unusual LiÃ©nard-type nonlinear oscillator. Physical Review E, 2005, 72, 066203.	0.8	94
118	A non-linear oscillator with quasi-harmonic behaviour: two- andn-dimensional oscillators. Nonlinearity, 2004, 17, 1941-1963.	0.6	108
119	Symmetry analysis of self-written waveguides in bulk photosensitive media. Physical Review E, 2004, 69, 016608.	0.8	6
120	ON THE INTEGRABILITY, BÃ„CKLUND TRANSFORMATION AND SYMMETRY ASPECTS OF A GENERALIZED FISHER TYPE NONLINEAR REACTIONâ€“DIFFUSION EQUATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 1577-1600.	0.7	1
121	New aspects of integrability of force-free Duffingâ€“van der Pol oscillator and related nonlinear systems. Journal of Physics A, 2004, 37, 4527-4534.	1.6	44
122	Evidence for the Nonintegrability of a Water Wave Equation in 2+1 Dimensions. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2004, 59, 640-644.	0.7	4
123	Symmetries and invariant solutions of the planar paraxial wave equation in photosensitive media. Physical Review E, 2002, 65, 066607.	0.8	5
124	On Certain New Solutions of a Simplified Model for Reacting Mixtures. Nonlinear Dynamics, 2002, 30, 277-286.	2.7	2
125	LINEARIZATION AND SOLUTIONS OF A SIMPLIFIED MODEL FOR REACTING MIXTURES. , 2002, , .		0
126	Mathematical Models of Generalized Diffusion. Physica Scripta, 2001, 63, 353-356.	1.2	0

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127	On the extended applications of Homogenous Balance Method. Applied Mathematics and Computation, 2001, 123, 381-388.	1.4	120
128	Symmetry analysis of an integrable reactionâ€“diffusion equation. Chaos, Solitons and Fractals, 2001, 12, 463-474.	2.5	7
129	Singularity structure, symmetries and integrability of generalized Fisher-type nonlinear diffusion equation. Journal of Physics A, 2001, 34, L689-L696.	1.6	8
130	Lie symmetry analysis and reductions of a two-dimensional integrable generalization of the Camassaâ€“Holm equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 273, 183-193.	0.9	38
131	Potential symmetries and new solutions of a simplified model for reacting mixtures. Journal of Physics A, 2000, 33, 405-415.	1.6	15
132	On the integrable perturbations of the Camassaâ€“Holm equation. Journal of Mathematical Physics, 2000, 41, 3160-3169.	0.5	12
133	Equivalence transformations and approximate solutions of a nonlinear heat conduction model. Journal of Physics A, 1998, 31, 10005-10016.	1.6	0
134	Lie Symmetries, Kac-Moody-Virasoro Algebras and Integrability of Certain (2+1)-Dimensional Nonlinear Evolution Equations. Journal of Nonlinear Mathematical Physics, 1998, 5, 190.	0.8	37
135	Invariance Analysis of the (2+1) Dimensional Long Dispersive Wave Equation. Journal of Nonlinear Mathematical Physics, 1997, 4, 251.	0.8	4
136	Lie symmetries and invariant solutions of the shallow-water equation. International Journal of Non-Linear Mechanics, 1996, 31, 339-344.	1.4	17
137	Lie Symmetries, Infinite-Dimensional Lie Algebras and Similarity Reductions of Certain (2+1)-Dimensional Nonlinear Evolution Equations. Journal of Nonlinear Mathematical Physics, 1996, 3, 24.	0.8	8
138	Direct integration of generalized Lie or dynamical symmetries of three degrees of freedom nonlinear Hamiltonian systems: Integrability and separability. Journal of Mathematical Physics, 1992, 33, 4068-4077.	0.5	15
139	A class of isochronous and non-isochronous nonlinear oscillators. European Physical Journal: Special Topics, 0, , 1.	1.2	2