

MarÃ-a L Gandarias

List of Publications by Year in descending order

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168
papers

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173
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173
docs citations

173
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetries, conservation laws, and generalized travelling waves for a forced Ostrovsky equation. <i>Partial Differential Equations in Applied Mathematics</i> , 2022, 5, 100230.	2.4	0
2	Applications of Solvable Lie Algebras to a Class of Third Order Equations. <i>Mathematics</i> , 2022, 10, 254.	2.2	1
3	Reductions and Conservation Laws of a Generalized Third-Order PDE via Multi-Reduction Method. <i>Mathematics</i> , 2022, 10, 954.	2.2	1
4	Lie Symmetries and Conservation Laws for the Viscous Cahn-Hilliard Equation. <i>Symmetry</i> , 2022, 14, 861.	2.2	2
5	Conservation laws and solutions for a nonlinear deformed equation with variable coefficients. <i>Partial Differential Equations in Applied Mathematics</i> , 2022, 5, 100380.	2.4	0
6	Symmetries and special solutions of a parabolic chemotaxis system. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 2050-2058.	2.3	6
7	Lie point symmetries for generalised Fisher's equations describing tumour dynamics. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 3291-3312.	1.9	4
8	Generalized Camassa-Holm Equations: Symmetry, Conservation Laws and Regular Pulse and Front Solutions. <i>Mathematics</i> , 2021, 9, 1009.	2.2	3
9	Differential invariant method for seeking nonlocally related systems and nonlocal symmetries. I: General theory and examples. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, 20200908.	2.1	0
10	Differential invariant method for seeking nonlocally related systems and nonlocal symmetries. II: Connections with the conservation law method. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, 20200909.	2.1	0
11	Line-solitons, line-shocks, and conservation laws of a universal KP-like equation in 2+1 dimensions. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 504, 125319.	1.0	4
12	Symmetry Analysis and Conservation Laws of a Family of Boussinesq Equations. <i>Nonlinear Physical Science</i> , 2021, , 153-171.	0.2	0
13	Symmetries and solutions for a Fisher equation with a proliferation term involving tumor development. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 2076-2084.	2.3	9
14	Symmetry multi-reduction method for partial differential equations with conservation laws. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 91, 105349.	3.3	22
15	A new symmetry-based method for constructing nonlocally related PDE systems from admitted multi-parameter groups. <i>Journal of Mathematical Physics</i> , 2020, 61, 061503.	1.1	4
16	Conservation Laws and Travelling Wave Solutions for Double Dispersion Equations in (1+1) and (2+1) Dimensions. <i>Symmetry</i> , 2020, 12, 950.	2.2	15
17	Application of Lie point symmetries to the resolution of an interface problem in a generalized Fisher equation. <i>Physica D: Nonlinear Phenomena</i> , 2020, 405, 132411.	2.8	10
18	Conservation laws and line soliton solutions of a family of modified KP equations. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2020, 13, 2655-2665.	1.1	3

#	ARTICLE	IF	CITATIONS
19	On Symmetry Reductions of a Third-Order Partial Differential Equation. Mathematics in Industry, 2020, , 225-232.	0.3	0
20	VI Mini Symposium on Symmetry Methods and Their Applications to Differential Equations. AIP Conference Proceedings, 2020, , .	0.4	0
21	An Overview of the Generalized Gardner Equation: Symmetry Groups and Conservation Laws. Advances in Dynamics, Patterns, Cognition, 2019, , 7-26.	0.3	1
22	V Mini Symposium on Symmetry Methods and their Applications to Differential Equations. AIP Conference Proceedings, 2019, , .	0.4	0
23	Conserved vectors for a double dispersion equation. AIP Conference Proceedings, 2019, , .	0.4	1
24	Global versus local superintegrability of nonlinear oscillators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 801-807.	2.1	3
25	Conservation laws, symmetries, and exact solutions of the classical Burgersâ€™Fisher equation in two dimensions. Journal of Computational and Applied Mathematics, 2019, 354, 545-550.	2.0	8
26	Reductions and symmetries for a generalized Fisher equation with a diffusion term dependent on density and space. Journal of Computational and Applied Mathematics, 2019, 354, 689-698.	2.0	5
27	On Symmetries and Conservation Laws for a Generalized Fisherâ€™Kolmogorovâ€™Petrovskyâ€™Piskunov Equation. Advances in Dynamics, Patterns, Cognition, 2019, , 27-50.	0.3	0
28	Symmetry Analysis and Conservation Laws for Some Boussinesq Equations with Damping Terms. , 2019, , 229-251.		1
29	Traveling wave solutions for a generalized Ostrovsky equation. Mathematical Methods in the Applied Sciences, 2018, 41, 5840-5850.	2.3	3
30	Traveling wave solutions of the $K(m, n)$ equation with generalized evolution. Mathematical Methods in the Applied Sciences, 2018, 41, 5851-5857.	2.3	28
31	Symmetry analysis for a Fisher equation with exponential diffusion. Mathematical Methods in the Applied Sciences, 2018, 41, 7214-7226.	2.3	5
32	Classical symmetries and conservation laws for the dissipative Dullinâ€™Gottwaldâ€™Holm equation with arbitrary coefficients. Mathematical Methods in the Applied Sciences, 2018, 41, 7304-7312.	2.3	0
33	Local conservation laws, symmetries, and exact solutions for a Kudryashovâ€™Sinelshchikov equation. Mathematical Methods in the Applied Sciences, 2018, 41, 1631-1641.	2.3	10
34	Conservation Laws, Symmetries, and Line Soliton Solutions of Generalized KP and Boussinesq Equations with p-Power Nonlinearities in Two Dimensions. Theoretical and Mathematical Physics(Russian Federation), 2018, 197, 1393-1411.	0.9	21
35	IV Mini Symposium on Symmetry Methods and Applications for Differential Equations. AIP Conference Proceedings, 2018, , .	0.4	0
36	Lie symmetries and conservation laws for a generalized Kuramotoâ€™Sivashinsky equation. Mathematical Methods in the Applied Sciences, 2018, 41, 7295-7303.	2.3	5

#	ARTICLE	IF	CITATIONS
37	On Conservation Laws of Generalized KP and Boussinesq Equations in Two Dimensions. Proceedings (mdpi), 2018, 2, 79.	0.2	0
38	Conservation laws and symmetries of time-dependent generalized KdV equations. Discrete and Continuous Dynamical Systems - Series S, 2018, 11, 607-615.	1.1	3
39	Analytic study of a coupled Kerr-SBS system. Communications in Nonlinear Science and Numerical Simulation, 2017, 42, 146-157.	3.3	1
40	Classical and potential symmetries for a generalized Fisher equation. Journal of Computational and Applied Mathematics, 2017, 318, 181-188.	2.0	10
41	Conservation laws and symmetries of a generalized Kawahara equation. AIP Conference Proceedings, 2017, , .	0.4	8
42	On conservation laws for a generalized Boussinesq equation. AIP Conference Proceedings, 2017, , .	0.4	1
43	Preface of the "III Minisymposium on Symmetry Methods and Applications for Differential Equations" AIP Conference Proceedings, 2017, , .	0.4	0
44	Conservation laws for a strongly damped wave equation. Open Physics, 2017, 15, 300-305.	1.7	10
45	Classical symmetries, travelling wave solutions and conservation laws of a generalized Fornberg-Whitham equation. Journal of Computational and Applied Mathematics, 2017, 318, 149-155.	2.0	11
46	Symmetry Analysis and Conservation Laws of the Zoomeron Equation. Symmetry, 2017, 9, 27.	2.2	32
47	Recent Advances in Symmetry Analysis and Exact Solutions in Nonlinear Mathematical Physics. Advances in Mathematical Physics, 2017, 2017, 1-2.	0.8	0
48	Conservation laws for a Boussinesq equation.. Applied Mathematics and Nonlinear Sciences, 2017, 2, 465-472.	1.6	12
49	Boundary Conditions for Infinite Conservation Laws. Reports on Mathematical Physics, 2016, 78, 345-370.	0.8	1
50	Group classification and conservation laws of anisotropic wave equations with a source. Journal of Mathematical Physics, 2016, 57, .	1.1	5
51	Symmetries and conservation laws for a sixth-order Boussinesq equation. Chaos, Solitons and Fractals, 2016, 89, 572-577.	5.1	16
52	Equivalence transformations and conservation laws for a generalized variable-coefficient Gardner equation. Communications in Nonlinear Science and Numerical Simulation, 2016, 40, 71-79.	3.3	27
53	On double reductions from symmetries and conservation laws for a damped Boussinesq equation. Chaos, Solitons and Fractals, 2016, 89, 560-565.	5.1	12
54	Symmetries and conservation laws of a damped Boussinesq equation. International Journal of Modern Physics B, 2016, 30, 1640012.	2.0	6

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55	On symmetries and conservation laws of a Gardner equation involving arbitrary functions. Applied Mathematics and Computation, 2016, 290, 125-134.	2.2	11
56	Symmetry Group Analysis of a Fifth-Order KdV Equation with Variable Coefficients. Journal of Computational and Theoretical Transport, 2016, 45, 275-289.	0.8	3
57	On the nonlinear self-adjointness of a class of fourth-order evolution equations. Applied Mathematics and Computation, 2016, 275, 299-304.	2.2	15
58	Symmetries, solutions and conservation laws of a class of nonlinear dispersive wave equations. Communications in Nonlinear Science and Numerical Simulation, 2016, 32, 114-121.	3.3	31
59	Symmetries and conservation laws of a fifth-order KdV equation with time-dependent coefficients and linear damping. Nonlinear Dynamics, 2016, 84, 135-141.	5.2	10
60	Multiplier method and exact solutions for a density dependent reaction-diffusion equation. Applied Mathematics and Nonlinear Sciences, 2016, 1, 311-320.	1.6	34
61	Symmetries and Conservation Laws for Some Compacton Equation. Mathematical Problems in Engineering, 2015, 2015, 1-6.	1.1	11
62	Conservation laws for some equations that admit compacton solutions induced by a non-convex convection. Journal of Mathematical Analysis and Applications, 2015, 430, 695-702.	1.0	5
63	Symmetry analysis and exact solutions for a generalized Fisher equation in cylindrical coordinates. Communications in Nonlinear Science and Numerical Simulation, 2015, 25, 74-83.	3.3	13
64	A conservation law for a generalized chemical Fisher equation. Journal of Mathematical Chemistry, 2015, 53, 941-948.	1.5	11
65	A study for the microwave heating of some chemical reactions through Lie symmetries and conservation laws. Journal of Mathematical Chemistry, 2015, 53, 949-957.	1.5	6
66	Preface of the œll mini symposium on symmetry methods and applications for differential equationsœ. AIP Conference Proceedings, 2015, , .	0.4	0
67	Symmetry analysis of a generalized Fisher equation. AIP Conference Proceedings, 2015, , .	0.4	0
68	Lie symmetries and conservation laws of a Fisher equation with nonlinear convection term. Discrete and Continuous Dynamical Systems - Series S, 2015, 8, 1331-1339.	1.1	11
69	Nonlinear Self-adjointness for a Generalized Fisher Equation in Cylindrical Coordinates. Journal of Applied Nonlinear Dynamics, 2015, 4, 91-100.	0.3	2
70	Conservation Laws of a Gardner Equation with Time-dependent Coefficients. Journal of Applied Nonlinear Dynamics, 2015, 4, 169-180.	0.3	2
71	Symmetry Reductions and Exact Solutions of a Generalized Fisher Equation. Springer Proceedings in Mathematics and Statistics, 2015, , 219-225.	0.2	0
72	Classical and nonclassical symmetries and exact solutions for a generalized Benjamin equation. , 2015, , .		0

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73	Nonlinearly Self-Adjoint, Conservation Laws and Solutions for a Forced BBM Equation. Abstract and Applied Analysis, 2014, 2014, 1-5.	0.7	4
74	Nonlinear self-adjointness, conservation laws, exact solutions of a system of dispersive evolution equations. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 3036-3043.	3.3	33
75	Nonlinear self-adjointness through differential substitutions. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 3523-3528.	3.3	17
76	Conservations laws for a porous medium equation through nonclassical generators. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 371-376.	3.3	1
77	Conservation Laws of a Family of Reaction-Diffusion-Convection Equations. Advances in Dynamics, Patterns, Cognition, 2014, , 403-417.	0.3	3
78	Nonlinear Self-Adjointness for some Generalized KdV Equations. Advances in Dynamics, Patterns, Cognition, 2014, , 3-21.	0.3	0
79	Self-Adjointness and Conservation Laws for a Generalized Dullin-Gottwald-Holm Equation. Springer Proceedings in Mathematics and Statistics, 2014, , 577-586.	0.2	0
80	Nonlinear self-adjointness and conservation laws for a generalized Fisher equation. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1600-1606.	3.3	16
81	Nonlinear self-adjointness and conservation laws for a porous medium equation with absorption. , 2013, , .		0
82	Conservation laws for a Kuramoto-Sivashinsky equation with dispersive effects. , 2013, , .		0
83	Nonlocal symmetries of Riccati and Abel chains and their similarity reductions. Journal of Mathematical Physics, 2012, 53, 023512.	1.1	11
84	Symmetries and nonlinear self-adjointness for a generalized fisher equation. , 2012, , .		0
85	Preface of the "Mini symposium on symmetry methods and applications for differential equations", 2012, , .		0
86	Symmetry reductions for a generalized Dullin-Gottwald-Holm equation. AIP Conference Proceedings, 2012, , .	0.4	1
87	Conservation laws for a family of Benjamin-Bona-Mahony-Burgers equations. , 2012, , .		2
88	Nonlinear self-adjointness and conservation laws for some third order equations. , 2012, , .		2
89	Conservation laws for a class of quasi self-adjoint third order equations. Applied Mathematics and Computation, 2012, 219, 668-678.	2.2	12
90	Some conservation laws for a forced KdV equation. Nonlinear Analysis: Real World Applications, 2012, 13, 2692-2700.	1.7	36

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91	Symmetry reductions and traveling wave solutions for the Krichever-“Novikov equation. Mathematical Methods in the Applied Sciences, 2012, 35, 869-876.	2.3	4
92	The K(m,n) equation with generalized evolution term studied by symmetry reductions and qualitative analysis. Applied Mathematics and Computation, 2012, 218, 10094-10105.	2.2	6
93	Weak self-adjointness and conservation laws for a porous medium equation. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 2342-2349.	3.3	16
94	Some weak self-adjoint Hamilton-“Jacobi-“Bellman equations arising in financial mathematics. Nonlinear Analysis: Real World Applications, 2012, 13, 340-347.	1.7	30
95	On some applications of transformation groups to a class of nonlinear dispersive equations. Nonlinear Analysis: Real World Applications, 2012, 13, 1139-1151.	1.7	13
96	Exact Travelling Wave Solutions of a Beam Equation. Journal of Nonlinear Mathematical Physics, 2011, 18, 33.	1.3	5
97	Weak self-adjoint differential equations. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 262001.	2.1	91
98	Reductions for Some Ordinary Differential Equations Through Nonlocal Symmetries. Journal of Nonlinear Mathematical Physics, 2011, 18, 123.	1.3	9
99	Preface of the Symposium: “Group Methods and Applications for Differential Equations”, 2011, , .		0
100	Conservation Laws of the Self-adjoint K(m,n) Equation with Generalized Evolution Term. , 2011, , .		0
101	Some Weak Self-adjoint Forced KdV Equations. , 2011, , .		2
102	Classical and nonclassical symmetries for the Krichever-Novikov equation. Theoretical and Mathematical Physics(Russian Federation), 2011, 168, 875-885.	0.9	11
103	Symmetry analysis and exact solutions of some Ostrovsky equations. Theoretical and Mathematical Physics(Russian Federation), 2011, 168, 898-911.	0.9	11
104	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.	2.1	13
105	Nonclassical and Potential Symmetries for the Boussinesq Equation with Nonlinear Dispersion. , 2011, , 67-72.		0
106	Classical Lie Symmetries and Reductions of a Nonisospectral Lax Pair. Journal of Nonlinear Mathematical Physics, 2011, 18, 51.	1.3	1
107	Type-II Hidden Symmetries for Some Nonlinear Partial Differential Equations. , 2011, , 61-66.		0
108	Type II hidden symmetries through weak symmetries for some wave equations. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 291-299.	3.3	2

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109	Classical and Nonclassical Reductions for the Krichever-Novikov equation. , 2010, , .		2
110	Exact Solutions and Conservation Laws for a New Integrable Equation. , 2010, , .		0
111	On conserved densities and boundary conditions for the Davey-Stewartson equations. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 045206.	2.1	2
112	1 + 1 spectral problems arising from the Manakov-Santini system. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 495204.	2.1	3
113	Travelling Wave Solutions of the K(m, n) Equation with Generalized Evolution. , 2009, , .		2
114	Exact Solutions for a Generalized Ostrovsky Equation. , 2009, , .		1
115	Self-adjoint sub-classes of generalized thin film equations. Journal of Mathematical Analysis and Applications, 2009, 357, 307-313.	1.0	54
116	Nonclassical potential symmetries for the Burgers equation. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, e1826-e1834.	1.1	14
117	Travelling wave solutions for a generalized double dispersion equation. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, e2109-e2117.	1.1	7
118	Symmetries for a family of Boussinesq equations with nonlinear dispersion. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3250-3257.	3.3	11
119	Some traveling wave solutions for the dissipative Zabolotskaya-Khokhlov equation. Journal of Mathematical Physics, 2009, 50, 103504.	1.1	11
120	Nonlocal symmetries and reductions for some ordinary differential equations. Theoretical and Mathematical Physics(Russian Federation), 2009, 159, 779-786.	0.9	8
121	Equivalence group of a fourth-order evolution equation unifying various non-linear models. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 259-268.	3.3	17
122	Nonclassical symmetry reductions for an inhomogeneous nonlinear diffusion equation. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 508-516.	3.3	9
123	New potential symmetries for some evolution equations. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2234-2242.	2.6	3
124	Similarity Reductions of a Generalized Double Dispersion Equation. Proceedings in Applied Mathematics and Mechanics, 2008, 8, 10587-10588.	0.2	9
125	Symmetry group analysis and similarity solutions of the CBS equation in (2+1) dimensions. Proceedings in Applied Mathematics and Mechanics, 2008, 8, 10591-10592.	0.2	4
126	Solutions through nonclassical potential symmetries for a generalized inhomogeneous nonlinear diffusion equation. Mathematical Methods in the Applied Sciences, 2008, 31, 753-767.	2.3	15

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127	Type-II hidden symmetries through weak symmetries for nonlinear partial differential equations. Journal of Mathematical Analysis and Applications, 2008, 348, 752-759.	1.0	12
128	Applying a new algorithm to derive nonclassical symmetries. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 517-523.	3.3	18
129	Symmetry Analysis and Solutions for a Generalization of a Family of BBM Equations. Journal of Nonlinear Mathematical Physics, 2008, 15, 81.	1.3	8
130	Nonclassical Potential System Approach for a Nonlinear Diffusion Equation. Journal of Nonlinear Mathematical Physics, 2008, 15, 185.	1.3	3
131	ON A PROCEDURE FOR FINDING HIDDEN POTENTIAL SYMMETRIES. , 2008, , .		0
132	On some differential invariants for a family of diffusion equations. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 8803-8813.	2.1	22
133	Classical and nonclassical symmetries for a Kuramoto-Sivashinsky equation with dispersive effects. Mathematical Methods in the Applied Sciences, 2007, 30, 2091-2100.	2.3	17
134	Multiple solutions for the Schwarzian Korteweg-de Vries equation in (2+1) dimensions. Chaos, Solitons and Fractals, 2007, 32, 682-693.	5.1	13
135	Symmetry analysis for a thin film equation. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 2040021-2040022.	0.2	2
136	Similarity reductions of a nonlinear model for vibrations of beams. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 2040063-2040064.	0.2	1
137	New solutions of the Schwarzian Korteweg-de Vries equation in 2+1 dimensions based on weak symmetries. Theoretical and Mathematical Physics(Russian Federation), 2007, 151, 752-761.	0.9	2
138	On the Calogero-Degasperis-Fokas equation in dimensions. Physica A: Statistical Mechanics and Its Applications, 2006, 362, 261-276.	2.6	2
139	Symmetry reductions for an inhomogeneous nonlinear diffusion equation. , 2006, , .		1
140	Applying a new algorithm to derive nonclassical symmetries. , 2006, , .		5
141	Symmetry reductions of a Lax pair. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 343, 40-47.	2.1	19
142	Traveling-Wave Solutions of the Calogero-Degasperis-Fokas Equation in 2+1 Dimensions. Theoretical and Mathematical Physics(Russian Federation), 2005, 144, 916-926.	0.9	4
143	POTENTIAL SYMMETRIES AND LINEARIZATION OF SOME EVOLUTION EQUATIONS. , 2005, , .		0
144	Symmetry reductions of a particular set of equations of associativity in two-dimensional topological field theory. Journal of Physics A, 2005, 38, 1187-1196.	1.6	2

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145	SIMILARITY REDUCTIONS OF AN OPTICAL MODEL. , 2005, , .		2
146	Symmetry classification and optimal systems of a non-linear wave equation. International Journal of Non-Linear Mechanics, 2004, 39, 389-398.	2.6	36
147	The Calogeroâ€“Bogoyavlenskiiâ€“Schiff Equation in 2+1 Dimensions. Theoretical and Mathematical Physics(Russian Federation), 2003, 137, 1367-1377.	0.9	66
148	Title is missing!. Theoretical and Mathematical Physics(Russian Federation), 2003, 137, 1378-1389.	0.9	15
149	Classical Symmetry Reductions of the Schwarzâ€“Kortewegâ€“de Vries Equation in 2+1 Dimensions. Theoretical and Mathematical Physics(Russian Federation), 2003, 134, 62-71.	0.9	5
150	Symmetry reductions for a dissipation-modified KdV equation. Applied Mathematics Letters, 2003, 16, 155-159.	2.7	6
151	The Schwarzian Kortewegâ€“de Vries equation in (2 \hat{A} 1) dimensions. Journal of Physics A, 2003, 36, 1467-1484.	1.6	15
152	New Symmetry Reductions for some Ordinary Differential Equations. Journal of Nonlinear Mathematical Physics, 2002, 9, 47.	1.3	13
153	Potential symmetries for some ordinary differential equations. Nonlinear Analysis: Theory, Methods & Applications, 2001, 47, 5167-5178.	1.1	4
154	Auto-Hodograph Transformations for a Hierarchy of Nonlinear Evolution Equations. Journal of Mathematical Analysis and Applications, 2001, 257, 21-28.	1.0	16
155	New symmetries for a model of fast diffusion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 286, 153-160.	2.1	38
156	The symmetry reductions of a turbulence model. Journal of Physics A, 2001, 34, 3751-3760.	1.6	6
157	Analysis of a lubrication model through symmetry reductions. Europhysics Letters, 2001, 55, 143-149.	2.0	14
158	Symmetries, periodic plane waves and blow-up of \hat{I} â€“ \hat{I} % systems. Physica D: Nonlinear Phenomena, 2000, 147, 259-272.	2.8	9
159	Symmetry analysis and solutions for a family of Cahn-Hilliard equations. Reports on Mathematical Physics, 2000, 46, 89-97.	0.8	11
160	Nonclassical symmetry reductions of a porous medium equation with convection. Journal of Physics A, 1999, 32, 1461-1473.	1.6	26
161	Nonclassical symmetries for a family of Cahnâ€“Hilliard equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 263, 331-337.	2.1	11
162	Classical and Nonclassical Symmetries of a Generalized Boussinesq Equation. Journal of Nonlinear Mathematical Physics, 1998, 5, 8.	1.3	36

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163	Symmetry reductions for a nonlinear diffusion-absorption equation in two spatial dimensions. Europhysics Letters, 1998, 42, 589-594.	2.0	2
164	An approach to the β - ϵ model for turbulence through symmetry reductions. Europhysics Letters, 1998, 44, 679-685.	2.0	3
165	Similarity Reductions for a Nonlinear Diffusion Equation. Journal of Nonlinear Mathematical Physics, 1998, 5, 234.	1.3	8
166	Nonclassical symmetries of a porous medium equation with absorption. Journal of Physics A, 1997, 30, 6081-6091.	1.6	42
167	Potential symmetries of a porous medium equation. Journal of Physics A, 1996, 29, 5919-5934.	1.6	47
168	Classical point symmetries of a porous medium equation. Journal of Physics A, 1996, 29, 607-633.	1.6	41