

Dionisio Bazeia

List of Publications by Year in Descending Order

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

263
papers

5,170
citations

37
h-index

56
g-index

272
ext. papers

5,753
ext. citations

3.5
avg, IF

6.14
L-index

#	Paper	IF	Citations
263	Impurity-like solutions in vortex systems coupled to a neutral field. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022 , 825, 136862	4.2	
262	Impact of compactlike and asymmetric configurations of thick branes on the scalar tensor representation of $f(R, T)$ gravity. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	1
261	Average scattering entropy for periodic, aperiodic and random distribution of vertices in simple quantum graphs. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022 , 141, 115217	3	
260	Effects of Cuscuton dynamics on braneworld configurations in the scalar tensor representation of $f(R, T)$ gravity. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
259	Generalized Maxwell-Biggs vortices in models with enhanced symmetry. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	
258	Thick branes in the scalar tensor representation of $f(R, T)$ gravity. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	4
257	Effects of chaotic perturbations on a nonlinear system undergoing two-soliton collisions. <i>Nonlinear Dynamics</i> , 2021 , 106, 3469	5	1
256	Influence of the neighborhood on cyclic models of biodiversity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 587, 126547	3.3	1
255	Novel way to construct spatially localized finite energy structures. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	0
254	Configurational entropy of skyrmions and half-skyrmions in planar magnetic elements. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 392, 127170	2.3	8
253	Semi-compactness and multiple oscillating pulses in kink scattering. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
252	Multimagnetic monopoles. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	
251	Environment driven oscillation in an off-lattice May-Leonard model. <i>Scientific Reports</i> , 2021 , 11, 12512	4.9	2
250	Average scattering entropy of quantum graphs. <i>Physical Review A</i> , 2021 , 103,	2.6	1
249	Mobility driven coexistence of living organisms. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 572, 125854	3.3	3
248	Internal structure of cuscuton Bloch brane. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
247	Mesoscopic Fluctuations: Nuclei, Quantum Dots, and Beyond. <i>Brazilian Journal of Physics</i> , 2021 , 51, 263-268		

246	Fermions in the presence of topological structures under geometric constrictions. <i>Physical Review D</i> , 2021 , 103,	4.9	2
245	Electrically charged localized structures. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
244	Novel modified gravity braneworld configurations with a Lagrange multiplier. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	2
243	Effects of a pestilent species on the stability of cyclically dominant species. <i>Chaos, Solitons and Fractals</i> , 2021 , 151, 111255	9.3	2
242	Propagation of Solitons in Quasi-periodic Nonlinear Coupled Waveguides. <i>Brazilian Journal of Physics</i> , 2021 , 51, 151-156	1.2	1
241	Thick brane structures in generalized hybrid metric-Palatini gravity. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	13
240	Long range vortex configurations in generalized models with Maxwell or Chern-Simons dynamics. <i>Physical Review D</i> , 2020 , 102,	4.9	3
239	Simple quantum graphs proposal for quantum devices. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	3
238	Quasi-compact vortices. <i>Europhysics Letters</i> , 2020 , 129, 31001	1.6	1
237	Model for clustering of living species. <i>Europhysics Letters</i> , 2020 , 129, 28002	1.6	2
236	Oscillons in hyperbolic models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 803, 135291	4.2	9
235	First-order formalism for thick branes in modified gravity with Lagrange multiplier. <i>Europhysics Letters</i> , 2020 , 129, 11004	1.6	8
234	Geometrically constrained kinklike configurations. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	9
233	Breaking unidirectional invasions jeopardizes biodiversity in spatial May-Leonard systems. <i>Chaos, Solitons and Fractals</i> , 2020 , 141, 110356	9.3	5
232	Pattern formations driven by cyclic interactions: A brief review of recent developments. <i>Europhysics Letters</i> , 2020 , 131, 68001	1.6	25
231	Scalar field model applied to the lamellar to the inverse hexagonal phase transition in lipid systems. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020 , 91, 105446	3.7	1
230	Symmetric and asymmetric thick brane structures. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	4
229	New twinlike models for scalar fields. <i>Europhysics Letters</i> , 2020 , 131, 31002	1.6	0

228	Fermion bound states in geometrically deformed backgrounds. <i>Chinese Physics C</i> , 2019 , 43, 013101	2.2	6
227	Vortices in a Generalized Maxwell-Higgs Model with Visible and Hidden Sectors. <i>Advances in High Energy Physics</i> , 2019 , 2019, 1-10	1	3
226	Invasion-controlled pattern formation in a generalized multispecies predator-prey system. <i>Physical Review E</i> , 2019 , 99, 052408	2.4	10
225	Kink scattering in a hybrid model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 793, 26-32	4.2	20
224	Basin entropy behavior in a cyclic model of the rock-paper-scissors type. <i>Europhysics Letters</i> , 2019 , 125, 58003	1.6	5
223	Quasi-compact Q-balls. <i>Europhysics Letters</i> , 2019 , 127, 21001	1.6	3
222	New results on asymmetric thick branes. <i>Annals of Physics</i> , 2019 , 411, 167975	2.5	7
221	Multilayered vortices. <i>Physical Review Research</i> , 2019 , 1,	3.9	9
220	Kink scattering in hyperbolic models. <i>International Journal of Modern Physics A</i> , 2019 , 34, 1950200	1.2	15
219	Scattering of compactlike structures. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	4
218	Narrow peaks of full transmission in simple quantum graphs. <i>Physical Review A</i> , 2019 , 100,	2.6	6
217	Configurational entropy for skyrmion-like magnetic structures. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 475, 734-740	2.8	27
216	Spatial patterns and biodiversity in off-lattice simulations of a cyclic three-species Lotka-Volterra model. <i>Europhysics Letters</i> , 2018 , 121, 48003	1.6	24
215	Dirac field in the background of a planar defect. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 779, 420-424	4.2	9
214	Kinklike structures in models of the DiracBornInfeld type. <i>Annals of Physics</i> , 2018 , 388, 408-427	2.5	9
213	Scattering of kinks of the sinh-deformed (φ^4) model. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	49
212	Analytic vortex solutions in generalized models of the MaxwellHiggs type. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 778, 22-29	4.2	8
211	A novel connection between scalar field theories and quantum mechanics. <i>Europhysics Letters</i> , 2018 , 121, 10006	1.6	4

210	How directional mobility affects coexistence in rock-paper-scissors models. <i>Physical Review E</i> , 2018 , 97, 032415	2.4	20
209	Maxwell-Biggs vortices with internal structure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 780, 485-490	4.2	15
208	Stable finite energy global vortices and asymptotic freedom. <i>Europhysics Letters</i> , 2018 , 122, 61001	1.6	2
207	Small and hollow magnetic monopoles. <i>Physical Review D</i> , 2018 , 98,	4.9	6
206	Novel connection between lump-like structures and quantum mechanics. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	4
205	Analytical study of kinklike structures with polynomial tails. <i>Journal of Physics Communications</i> , 2018 , 2, 055019	1.2	22
204	First order formalism for generalized vortices. <i>Nuclear Physics B</i> , 2018 , 934, 212-239	2.8	12
203	Phase transitions in dependence of apex predator decaying ratio in a cyclic dominant system. <i>Europhysics Letters</i> , 2018 , 124, 68001	1.6	11
202	First Order Framework for Gauge k-Vortices. <i>Advances in High Energy Physics</i> , 2018 , 2018, 1-8	1	
201	Magnetic monopoles with internal structure. <i>Physical Review D</i> , 2018 , 97,	4.9	12
200	Bimagnetic monopoles. <i>Physical Review D</i> , 2018 , 98,	4.9	5
199	Planar ringlike vortices. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 785, 454-461	4.2	9
198	Novel results for kinklike structures and their connections to quantum mechanics. <i>Annals of Physics</i> , 2018 , 395, 275-300	2.5	4
197	Split Q-balls. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 359-364	4.2	12
196	Geodesically complete BTZ-type solutions of 2 + 1 Born-Infeld gravity. <i>Classical and Quantum Gravity</i> , 2017 , 34, 045006	3.3	15
195	Modulation of localized solutions in quadratic-cubic nonlinear Schrödinger equation with inhomogeneous coefficients. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 48, 474-483	3.7	20
194	String networks with junctions in competition models. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017 , 381, 1014-1020	2.3	17
193	Semi-compact skyrmion-like structures. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 432, 112-118	1.8	4

192	Hybrid Bloch brane. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	7
191	Generalized Born-Infeldlike models for kinks and branes. <i>Europhysics Letters</i> , 2017 , 118, 11001	1.6	10
190	From scalar field theories to supersymmetric quantum mechanics. <i>Modern Physics Letters A</i> , 2017 , 32, 1750073	1.3	6
189	Compact vortices. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	13
188	A novel procedure for the identification of chaos in complex biological systems. <i>Scientific Reports</i> , 2017 , 7, 44900	4.9	19
187	Scattering of kinks in a non-polynomial model. <i>Journal of Physics: Conference Series</i> , 2017 , 934, 012032	0.3	15
186	From supersymmetric quantum mechanics to scalar field theories. <i>Physical Review D</i> , 2017 , 95,	4.9	10
185	Twinlike models for kinks, vortices, and monopoles. <i>Physical Review D</i> , 2017 , 96,	4.9	11
184	Compact Chern-Simons vortices. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 253-257	4.2	11
183	Complete factorization of equations of motion for generalized scalar field theories. <i>Europhysics Letters</i> , 2017 , 119, 61002	1.6	1
182	Hamming distance and mobility behavior in generalized rock-paper-scissors models. <i>Europhysics Letters</i> , 2017 , 119, 58003	1.6	7
181	Apex predator and the cyclic competition in a rock-paper-scissors game of three species. <i>Physical Review E</i> , 2017 , 95, 062411	2.4	13
180	Fermionic bound states in distinct kinklike backgrounds. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	15
179	Topological strength of magnetic skyrmions. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 423, 411-420	2.8	17
178	From sine-Gordon to vacuumless systems in flat and curved spacetimes. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	6
177	Kinks and branes in models with hyperbolic interactions. <i>International Journal of Modern Physics A</i> , 2017 , 32, 1750163	1.2	10
176	High temperature effects on compact-like structures. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	5
175	Quantum-Corrected Two-Dimensional Horava-Lifshitz Black Hole Entropy. <i>Advances in High Energy Physics</i> , 2016 , 2016, 1-11	1	16

174	Compact Q-balls. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 758, 146-151	4.2	19
173	Exact solutions, energy, and charge of stable Q-balls. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	20
172	Topological excitations in magnetic materials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 1947-1952	2.3	13
171	Kondo effect from a Lorentz-violating domain wall description of superconductivity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 327-333	4.2	3
170	New braneworld models in the presence of auxiliary fields. <i>Annals of Physics</i> , 2015 , 361, 574-584	2.5	7
169	Thick brane models in generalized theories of gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 98-103	4.2	33
168	Brane structure from a scalar field in general covariant Horava-Lifshitz gravity. <i>Physical Review D</i> , 2015 , 91,	4.9	1
167	How to build a compact brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 748, 79-85	4.2	13
166	Two-dimensional Horava-Lifshitz black hole solutions. <i>Physical Review D</i> , 2015 , 91,	4.9	6
165	Note on quantum compactons. <i>Physical Review D</i> , 2015 , 91,	4.9	6
164	First-Order Formalism for Dark Energy in Curved Backgrounds. <i>International Journal of Theoretical Physics</i> , 2015 , 54, 2087-2097	1.1	3
163	Braneworld solutions for modified theories of gravity with nonconstant curvature. <i>Physical Review D</i> , 2015 , 91,	4.9	11
162	Classical resolution of black hole singularities in arbitrary dimension. <i>Physical Review D</i> , 2015 , 92,	4.9	16
161	Note on the Gauss-Bonnet braneworld scenario. <i>Physical Review D</i> , 2015 , 92,	4.9	7
160	Models for asymmetric hybrid brane. <i>Physical Review D</i> , 2015 , 92,	4.9	18
159	Thick brane in $f(R)$ gravity with Palatini dynamics. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	17
158	Robustness of braneworld scenarios against tensorial perturbations. <i>Classical and Quantum Gravity</i> , 2015 , 32, 215011	3.3	16
157	Compact lumps. <i>Europhysics Letters</i> , 2015 , 111, 61002	1.6	11

156	Stable static structures in models with higher-order derivatives. <i>Annals of Physics</i> , 2015 , 360, 194-206	2.5	5
155	Induced higher-derivative massive gravity on a 2-brane in 4D Minkowski space. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 317-321	4.2	1
154	Nontopological self-dual Maxwell-Higgs vortices. <i>Europhysics Letters</i> , 2015 , 109, 21001	1.6	5
153	First-order formalism for twinlike models with several real scalar fields. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	20
152	Braneworld solutions for . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 729, 127-135	4.2	44
151	Compact structures in standard field theory. <i>Europhysics Letters</i> , 2014 , 107, 61001	1.6	12
150	New results on compact structures. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 731, 293-297	4.2	17
149	String networks in . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014 , 378, 393-397	2.3	34
148	From kinks to compactons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 515-521	4.2	33
147	Universal Braess paradox in open quantum dots. <i>Physical Review E</i> , 2014 , 90, 042915	2.4	9
146	Cosmological scenarios in modified gravity with nondynamical fields. <i>Physical Review D</i> , 2014 , 90,	4.9	5
145	Black holes in five-dimensional Palatini $f(R)$ gravity and implications for the AdS/CFT correspondence. <i>Physical Review D</i> , 2014 , 90,	4.9	23
144	Interfaces with internal structures in generalized rock-paper-scissors models. <i>Physical Review E</i> , 2014 , 89, 042710	2.4	34
143	First-order framework for flat brane with auxiliary fields. <i>Physical Review D</i> , 2014 , 90,	4.9	3
142	Regular bulk solutions and black strings from dynamical braneworlds with variable tension. <i>Physical Review D</i> , 2014 , 90,	4.9	12
141	A Note on Asymmetric Thick Branes. <i>Advances in High Energy Physics</i> , 2014 , 2014, 1-8	1	34
140	Modulation of localized solutions for the Schrödinger equation with logarithm nonlinearity. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014 , 19, 2928-2934	3.7	26
139	Study of models of the sine-Gordon type in flat and curved spacetime. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	18

138	Deformed self-dual magnetic monopoles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 548-553	4.2	8
137	First-order formalism for flat branes in generalized N-field models. <i>Physical Review D</i> , 2013 , 88,	4.9	23
136	Kinklike structures in scalar field theories: From one-field to two-field models. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013 , 377, 1615-1620	2.3	17
135	On the many-field f(R) brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 523-526	4.2	20
134	Black holes in realistic branes: Black string-like objects?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 306-311	4.2	11
133	Bright solitons from the nonpolynomial Schrödinger equation with inhomogeneous defocusing nonlinearities. <i>Physical Review E</i> , 2013 , 88, 025201	2.4	22
132	Construction of new scalar field models from the standard theory. <i>Physica Scripta</i> , 2013 , 87, 045101	2.6	10
131	New Models for Two Real Scalar Fields and Their Kink-Like Solutions. <i>Advances in High Energy Physics</i> , 2013 , 2013, 1-9	1	6
130	Scalar fields and defect structures: Perturbative procedure for generalized models. <i>Physical Review D</i> , 2013 , 88,	4.9	11
129	Braneworld solutions from scalar field in bimetric theory. <i>Physical Review D</i> , 2013 , 87,	4.9	14
128	Anderson localization of matter waves in chaotic potentials. <i>Nonlinear Analysis: Real World Applications</i> , 2012 , 13, 755-763	2.1	9
127	Spin accumulation encoded in electronic noise for mesoscopic billiards with finite tunneling rates. <i>Physical Review B</i> , 2012 , 85,	3.3	3
126	Quaternionic and hyper-Kähler metrics from generalized sigma models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 104-109	4.2	2
125	Supersymmetry, shape invariance and the Legendre equations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 715, 256-259	4.2	3
124	Presence of twinlike models in cosmology. <i>Physical Review D</i> , 2012 , 85,	4.9	12
123	Twinlike models for kinks and compactons in flat and warped spacetime. <i>Physical Review D</i> , 2012 , 86,	4.9	22
122	Generalized correlation functions for conductance fluctuations and the mesoscopic spin Hall effect. <i>Physical Review B</i> , 2012 , 86,	3.3	11
121	Modulation of localized solutions in a system of two coupled nonlinear Schrödinger equations. <i>Physical Review E</i> , 2012 , 86, 027601	2.4	23

120	Twinlike models for self-dual Maxwell-Higgs theories. <i>Physical Review D</i> , 2012 , 85,	4.9	19
119	von NeumannB and related scaling laws in rock-paper-scissors-type games. <i>Physical Review E</i> , 2012 , 86, 031119	2.4	53
118	Junctions and spiral patterns in generalized rock-paper-scissors models. <i>Physical Review E</i> , 2012 , 86, 036112	4.2	67
117	Generalized self-dual Maxwell-Chern-Simons-Higgs model. <i>Physical Review D</i> , 2012 , 85,	4.9	23
116	3D black holes on a 2-brane in 4D Minkowski space. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 631-636	4.2	3
115	Localized D-dimensional global k-defects. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	22
114	Multi-sine-Gordon models. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	14
113	BPS solutions to a generalized Maxwell-Higgs model. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	44
112	Crossover of thermal to shot noise in chaotic cavities. <i>Europhysics Letters</i> , 2011 , 93, 67003	1.6	4
111	New results on twinlike models: Different field theories sharing the same extended solutions. <i>Physical Review D</i> , 2011 , 84,	4.9	20
110	Conductance peaks in open quantum dots. <i>Physical Review Letters</i> , 2011 , 107, 176807	7.4	26
109	Compact vortexlike solutions in a generalized Born-Infeld model. <i>Physical Review D</i> , 2011 , 84,	4.9	14
108	New scalar field models and their defect solutions. <i>Europhysics Letters</i> , 2011 , 93, 41001	1.6	10
107	One-dimensional reduction of the three-dimensional Gross-Pitaevskii equation with two- and three-body interactions. <i>Physical Review E</i> , 2011 , 83, 036604	2.4	15
106	Twinlike models in scalar field theories. <i>Physical Review D</i> , 2011 , 84,	4.9	32
105	Presence of asymmetric noise in multiterminal chaotic cavities. <i>Physical Review B</i> , 2011 , 84,	3.3	8
104	Modulation of breathers in the three-dimensional nonlinear Gross-Pitaevskii equation. <i>Physical Review E</i> , 2010 , 82, 057601	2.4	17
103	Duality linking standard and tachyon scalar field cosmologies. <i>Physical Review D</i> , 2010 , 82,	4.9	5

102	Generalized self-dual Chern-Simons vortices. <i>Physical Review D</i> , 2010 , 81,	4.9	41
101	Compactlike kinks and vortices in generalized models. <i>Physical Review D</i> , 2010 , 81,	4.9	53
100	Traveling wave solutions of nonlinear partial differential equations. <i>Applied Mathematics Letters</i> , 2010 , 23, 681-686	3.5	13
99	Solitons of two-component Bose-Einstein condensates modulated in space and time. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010 , 374, 2356-2360	2.3	31
98	Nonlinear Schrödinger equation with chaotic, random, and nonperiodic nonlinearity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010 , 374, 4594-4598	2.3	4
97	Lorentz-violating effects on topological defects generated by two real scalar fields. <i>Physica D: Nonlinear Phenomena</i> , 2010 , 239, 942-947	3.3	34
96	Modulation of breathers in cigar-shaped Bose-Einstein condensates. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010 , 374, 2640-2645	2.3	37
95	Supersymmetric extensions of k-field models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 683, 335-339	4.2	27
94	Bright and dark solitons in a periodically attractive and repulsive potential with nonlinearities modulated in space and time. <i>Nonlinear Analysis: Real World Applications</i> , 2010 , 11, 4269-4274	2.1	19
93	New family of sine-Gordon models. <i>Europhysics Letters</i> , 2009 , 87, 21001	1.6	21
92	GRAVITY LOCALIZATION ON THICK BRANES: A NUMERICAL APPROACH. <i>International Journal of Modern Physics A</i> , 2009 , 24, 1135-1160	1.2	65
91	Lump-like structures in scalar-field models in 1+1 dimensions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009 , 374, 222-227	2.3	16
90	Braneworld models of scalar fields with generalized dynamics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 671, 402-410	4.2	102
89	The structure of supersymmetry in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 673, 283-287	4.2	17
88	Fermion states on domain-wall junctions and the flavor number. <i>European Physical Journal C</i> , 2009 , 63, 163-170	4.2	16
87	Construction of topological defect networks with complex scalar fields. <i>Nuclear Physics B</i> , 2009 , 810, 427-459	2.8	7
86	Impact of Lorentz violation on the dynamics of inflation. <i>Physical Review D</i> , 2009 , 79,	4.9	9
85	Extended solutions via the trial orbit method for two-field models. <i>Physica Scripta</i> , 2009 , 79, 055005	2.6	2

84	Bifurcation and pattern changing with two real scalar fields. <i>Physical Review D</i> , 2009 , 79,	4.9	11
83	Solitons with cubic and quintic nonlinearities modulated in space and time. <i>Physical Review E</i> , 2009 , 79, 025602	2.4	101
82	A simple and direct method for generating travelling wave solutions for nonlinear equations. <i>Annals of Physics</i> , 2008 , 323, 1150-1167	2.5	3
81	Classical behavior of deformed sine-Gordon models. <i>Physica D: Nonlinear Phenomena</i> , 2008 , 237, 937-946	3	19
80	First-order framework and domain-wall/brane-cosmology correspondence. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 661, 179-185	4.2	24
79	Constructing networks of defects with scalar fields. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 662, 75-79	4.2	11
78	First-order framework and generalized global defect solutions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 668, 246-252	4.2	86
77	First-order formalism for dark energy and dust. <i>European Physical Journal C</i> , 2008 , 55, 113-117	4.2	20
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