

# Dionisio Bazeia

## List of Publications by Citations

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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	Bloch Brane. <i>Journal of High Energy Physics</i> , <b>2004</b> , 2004, 012-012	5.4	160
262	Solitons in systems of coupled scalar fields. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1995</b> , 208, 84-88	2.3	140
261	Brane structure from a scalar field in warped spacetime. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2004</b> , 2004, 002-002	6.4	125
260	New global defect structures. <i>Physical Review Letters</i> , <b>2003</b> , 91, 241601	7.4	113
259	Generalized global defect solutions. <i>European Physical Journal C</i> , <b>2007</b> , 51, 953-962	4.2	108
258	Braneworld models of scalar fields with generalized dynamics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 671, 402-410	4.2	102
257	Solitons with cubic and quintic nonlinearities modulated in space and time. <i>Physical Review E</i> , <b>2009</b> , 79, 025602	2.4	101
256	First-order formalism for bent brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 634, 526-530	4.2	87
255	First-order framework and generalized global defect solutions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 668, 246-252	4.2	86
254	Deformed defects. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	86
253	First-order formalism and dark energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 633, 415-419	4.2	82
252	Supergravity brane worlds and tachyon potentials. <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	79
251	Bags, junctions, and networks of BPS and non-BPS defects. <i>Physical Review D</i> , <b>2000</b> , 61,	4.9	70
250	Scalar fields, bent branes, and RG flow. <i>Journal of High Energy Physics</i> , <b>2006</b> , 2006, 064-064	5.4	69
249	Junctions and spiral patterns in generalized rock-paper-scissors models. <i>Physical Review E</i> , <b>2012</b> , 86, 036112		67
248	Soliton stability in systems of two real scalar fields. <i>Journal of Physics A</i> , <b>1997</b> , 30, 8157-8166		66
247	GRAVITY LOCALIZATION ON THICK BRANES: A NUMERICAL APPROACH. <i>International Journal of Modern Physics A</i> , <b>2009</b> , 24, 1135-1160	1.2	65

246	Galileo invariant system and the motion of relativistic d-branes. <i>Physical Review D</i> , <b>1999</b> , 59,	4.9	60
245	Nonlinear Realization of a Dynamical Poincaré Symmetry by a Field-Dependent Diffeomorphism. <i>Annals of Physics</i> , <b>1998</b> , 270, 246-259	2.5	59
244	Defect structures in Lorentz and CPT violating scenarios. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	59
243	Domain defects in systems of two real scalar fields. <i>Journal of High Energy Physics</i> , <b>1999</b> , 1999, 028-028	5.4	56
242	Tiling the plane without supersymmetry. <i>Physical Review Letters</i> , <b>2000</b> , 84, 1094-7	7.4	55
241	Compactlike kinks and vortices in generalized models. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	53
240	von Neumann $\mathfrak{B}$ and related scaling laws in rock-paper-scissors-type games. <i>Physical Review E</i> , <b>2012</b> , 86, 031119	2.4	53
239	Scattering of kinks of the sinh-deformed ( $\varphi^4$ ) model. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	49
238	Locally Localized Gravity and Geometric Transitions. <i>Journal of High Energy Physics</i> , <b>2004</b> , 2004, 070-070	5.4	49
237	Deformed defects with applications to braneworlds. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	48
236	Kinks inside supersymmetric domain ribbons. <i>Physical Review D</i> , <b>1998</b> , 57, 7561-7569	4.9	45
235	Braneworld solutions for $\varphi^4$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 729, 127-135	4.2	44
234	BPS solutions to a generalized Maxwell-Higgs model. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	44
233	Topological defects inside domain walls. <i>Physical Review D</i> , <b>1996</b> , 54, 1852-1855	4.9	44
232	Generalized self-dual Chern-Simons vortices. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	41
231	Perturbative aspects and conformal solutions of $\varphi^4$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 649, 445-453	4.2	41
230	New results for deformed defects. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	40
229	Solitons in a class of systems of two coupled real scalar fields. <i>Physical Review E</i> , <b>1996</b> , 54, 2943-2948	2.4	40

228	Modulation of breathers in cigar-shaped Bose-Einstein condensates. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2010</b> , 374, 2640-2645	2.3	37
227	String networks in . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2014</b> , 378, 393-397	2.3	34
226	Interfaces with internal structures in generalized rock-paper-scissors models. <i>Physical Review E</i> , <b>2014</b> , 89, 042710	2.4	34
225	A Note on Asymmetric Thick Branes. <i>Advances in High Energy Physics</i> , <b>2014</b> , 2014, 1-8	1	34
224	Lorentz-violating effects on topological defects generated by two real scalar fields. <i>Physica D: Nonlinear Phenomena</i> , <b>2010</b> , 239, 942-947	3.3	34
223	Thick brane models in generalized theories of gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 98-103	4.2	33
222	From kinks to compactons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 515-521	4.2	33
221	Deformed defects for scalar fields with polynomial interactions. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	33
220	Entrapment of a network of domain walls. <i>Physical Review D</i> , <b>2000</b> , 62,	4.9	33
219	Classical stability of solitons in systems of coupled scalar fields. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1996</b> , 217, 28-30	2.3	33
218	Twinlike models in scalar field theories. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	32
217	Solitons of two-component Bose-Einstein condensates modulated in space and time. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2010</b> , 374, 2356-2360	2.3	31
216	Topological twistons in crystalline polyethylene <sup>1</sup> This work is partially supported by the US Department of Energy (DOE) under cooperative research agreement DE-FC02-94ER40818, and by the Brazilian agencies CAPES and CNPq.1. <i>Chemical Physics Letters</i> , <b>1999</b> , 303, 341-346	2.5	31
215	New lump-like structures in scalar-field models. <i>European Physical Journal C</i> , <b>2008</b> , 55, 133-143	4.2	29
214	Supersymmetric extensions of k-field models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 683, 335-339	4.2	27
213	Configurational entropy for skyrmion-like magnetic structures. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 475, 734-740	2.8	27
212	Modulation of localized solutions for the Schrödinger equation with logarithm nonlinearity. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2014</b> , 19, 2928-2934	3.7	26
211	Conductance peaks in open quantum dots. <i>Physical Review Letters</i> , <b>2011</b> , 107, 176807	7.4	26

210	Pattern formations driven by cyclic interactions: A brief review of recent developments. <i>Europhysics Letters</i> , <b>2020</b> , 131, 68001	1.6	25
209	Spatial patterns and biodiversity in off-lattice simulations of a cyclic three-species Lotka-Volterra model. <i>Europhysics Letters</i> , <b>2018</b> , 121, 48003	1.6	24
208	First-order framework and domain-wall/brane-cosmology correspondence. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 661, 179-185	4.2	24
207	First-order formalism for flat branes in generalized N-field models. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	23
206	Black holes in five-dimensional Palatini $f(R)$ gravity and implications for the AdS/CFT correspondence. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	23
205	Modulation of localized solutions in a system of two coupled nonlinear Schrödinger equations. <i>Physical Review E</i> , <b>2012</b> , 86, 027601	2.4	23
204	Generalized self-dual Maxwell-Chern-Simons-Higgs model. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	23
203	TOPOLOGICAL DEFECTS AND THE TRIAL ORBIT METHOD. <i>Modern Physics Letters A</i> , <b>2002</b> , 17, 1945-1953	1.3	23
202	Analytical study of kinklike structures with polynomial tails. <i>Journal of Physics Communications</i> , <b>2018</b> , 2, 055019	1.2	22
201	Twinlike models for kinks and compactons in flat and warped spacetime. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	22
200	Bright solitons from the nonpolynomial Schrödinger equation with inhomogeneous defocusing nonlinearities. <i>Physical Review E</i> , <b>2013</b> , 88, 025201	2.4	22
199	Localized D-dimensional global k-defects. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	22
198	Domain ribbons inside domain walls at finite temperature. <i>Physical Review D</i> , <b>1997</b> , 56, 7869-7876	4.9	22
197	Complete factorization of equations of motion in Wess-Zumino theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 521, 418-420	4.2	22
196	Domain walls in three-field models. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	22
195	Supersymmetry breaking and Fermi balls. <i>Physical Review D</i> , <b>1996</b> , 54, 5217-5222	4.9	22
194	New family of sine-Gordon models. <i>Europhysics Letters</i> , <b>2009</b> , 87, 21001	1.6	21
193	Vortices in a generalized Higgs model. <i>Physical Review D</i> , <b>1992</b> , 46, 1879-1881	4.9	21

192	Modulation of localized solutions in quadratic-cubic nonlinear Schrödinger equation with inhomogeneous coefficients. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2017</b> , 48, 474-483	3.7	20
191	Kink scattering in a hybrid model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 793, 26-32	4.2	20
190	How directional mobility affects coexistence in rock-paper-scissors models. <i>Physical Review E</i> , <b>2018</b> , 97, 032415	2.4	20
189	First-order formalism for twinlike models with several real scalar fields. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	20
188	On the many-field f(R) brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 523-526	4.2	20
187	New results on twinlike models: Different field theories sharing the same extended solutions. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	20
186	First-order formalism for dark energy and dust. <i>European Physical Journal C</i> , <b>2008</b> , 55, 113-117	4.2	20
185	Soliton model for proton conductivity in Langmuir films. <i>Chemical Physics Letters</i> , <b>2001</b> , 340, 205-210	2.5	20
184	Complete factorization of equations of motion in supersymmetric field theories. <i>Nuclear Physics B</i> , <b>2002</b> , 636, 132-140	2.8	20
183	Exact solutions, energy, and charge of stable Q-balls. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	20
182	A novel procedure for the identification of chaos in complex biological systems. <i>Scientific Reports</i> , <b>2017</b> , 7, 44900	4.9	19
181	Twinlike models for self-dual Maxwell-Higgs theories. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
180	Bright and dark solitons in a periodically attractive and expulsive potential with nonlinearities modulated in space and time. <i>Nonlinear Analysis: Real World Applications</i> , <b>2010</b> , 11, 4269-4274	2.1	19
179	Classical behavior of deformed sine-Gordon models. <i>Physica D: Nonlinear Phenomena</i> , <b>2008</b> , 237, 937-946	3	19
178	Lorentz and CPT symmetries in commutative and noncommutative spacetimes. <i>Journal of Physics A</i> , <b>2003</b> , 36, 4937-4945		19
177	Network of domain walls on soliton stars. <i>Physical Review D</i> , <b>2001</b> , 64,	4.9	19
176	Exact topological twistons in crystalline polyethylene. <i>Chemical Physics Letters</i> , <b>2000</b> , 320, 587-593	2.5	19
175	Topological solitons in a vacuumless system. <i>Physical Review D</i> , <b>1999</b> , 60,	4.9	19

174	Compact Q-balls. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 758, 146-151	4.2	19
173	Study of models of the sine-Gordon type in flat and curved spacetime. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	18
172	Models for asymmetric hybrid brane. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	18
171	String networks with junctions in competition models. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2017</b> , 381, 1014-1020	2.3	17
170	New results on compact structures. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 731, 293-297	4.2	17
169	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> , <b>2013</b> , 377, 1615-1620	2.3	17
168	Topological strength of magnetic skyrmions. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 423, 411-420	2.8	17
167	Thick brane in $f(R)$ gravity with Palatini dynamics. <i>European Physical Journal C</i> , <b>2015</b> , 75, 1	4.2	17
166	Modulation of breathers in the three-dimensional nonlinear Gross-Pitaevskii equation. <i>Physical Review E</i> , <b>2010</b> , 82, 057601	2.4	17
165	The structure of supersymmetry in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 673, 283-287	4.2	17
164	Liouville-like solutions in dilaton gravity with Gauss-Bonnet modifications. <i>European Physical Journal C</i> , <b>2008</b> , 58, 171-177	4.2	17
163	KINKS AND DOMAIN WALLS IN MODELS FOR REAL SCALAR FIELDS. <i>International Journal of Modern Physics A</i> , <b>2004</b> , 19, 575-592	1.2	17
162	Classical resolution of black hole singularities in arbitrary dimension. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	16
161	Robustness of braneworld scenarios against tensorial perturbations. <i>Classical and Quantum Gravity</i> , <b>2015</b> , 32, 215011	3.3	16
160	Lump-like structures in scalar-field models in 1+1 dimensions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 374, 222-227	2.3	16
159	Fermion states on domain-wall junctions and the flavor number. <i>European Physical Journal C</i> , <b>2009</b> , 63, 163-170	4.2	16
158	Scalar fields: from domain walls to nanotubes and fullerenes. <i>Brazilian Journal of Physics</i> , <b>2002</b> , 32, 869-879		16
157	Quantum-Corrected Two-Dimensional Horava-Lifshitz Black Hole Entropy. <i>Advances in High Energy Physics</i> , <b>2016</b> , 2016, 1-11	1	16

156	Geodesically complete BTZ-type solutions of 2 + 1 Born-Infeld gravity. <i>Classical and Quantum Gravity</i> , <b>2017</b> , 34, 045006	3.3	15
155	Scattering of kinks in a non-polynomial model. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 934, 012032	0.3	15
154	Maxwell-Biggs vortices with internal structure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 780, 485-490	4.2	15
153	Fermionic bound states in distinct kinklike backgrounds. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	15
152	One-dimensional reduction of the three-dimensional Gross-Pitaevskii equation with two- and three-body interactions. <i>Physical Review E</i> , <b>2011</b> , 83, 036604	2.4	15
151	Orbit-based deformation procedure for two-field models. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	15
150	On the dual equivalence of the Born-Infeld-Chern-Simons model coupled to dynamical U(1) charged matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 510, 329-334	4.2	15
149	Kink scattering in hyperbolic models. <i>International Journal of Modern Physics A</i> , <b>2019</b> , 34, 1950200	1.2	15
148	Braneworld solutions from scalar field in bimetric theory. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	14
147	Multi-sine-Gordon models. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	14
146	Compact vortexlike solutions in a generalized Born-Infeld model. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	14
145	Compact vortices. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	13
144	How to build a compact brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 748, 79-85	4.2	13
143	Apex predator and the cyclic competition in a rock-paper-scissors game of three species. <i>Physical Review E</i> , <b>2017</b> , 95, 062411	2.4	13
142	Traveling wave solutions of nonlinear partial differential equations. <i>Applied Mathematics Letters</i> , <b>2010</b> , 23, 681-686	3.5	13
141	Gauge invariance of the effective potential. <i>Physical Review D</i> , <b>1987</b> , 35, 2490-2494	4.9	13
140	Topological excitations in magnetic materials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2016</b> , 380, 1947-1952	2.3	13
139	Thick brane structures in generalized hybrid metric-Palatini gravity. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	13



138	Split Q-balls. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 765, 359-364	4.2	12
137	First order formalism for generalized vortices. <i>Nuclear Physics B</i> , <b>2018</b> , 934, 212-239	2.8	12
136	Compact structures in standard field theory. <i>Europhysics Letters</i> , <b>2014</b> , 107, 61001	1.6	12
135	Regular bulk solutions and black strings from dynamical braneworlds with variable tension. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	12
134	Presence of twinlike models in cosmology. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	12
133	Magnetic monopoles with internal structure. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	12
132	Black holes in realistic branes: Black string-like objects?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 721, 306-311	4.2	11
131	Twinlike models for kinks, vortices, and monopoles. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	11
130	Compact Chern-Simons vortices. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 253-257	4.2	11
129	Braneworld solutions for modified theories of gravity with nonconstant curvature. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	11
128	Compact lumps. <i>Europhysics Letters</i> , <b>2015</b> , 111, 61002	1.6	11
127	Scalar fields and defect structures: Perturbative procedure for generalized models. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
126	Generalized correlation functions for conductance fluctuations and the mesoscopic spin Hall effect. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	11
125	Bifurcation and pattern changing with two real scalar fields. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	11
124	Constructing networks of defects with scalar fields. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 662, 75-79	4.2	11
123	Relaxing to a three-dimensional brane junction. <i>Europhysics Letters</i> , <b>2006</b> , 76, 374-380	1.6	11
122	Defect structures in sine-Gordon like models. <i>Physica D: Nonlinear Phenomena</i> , <b>2005</b> , 208, 236-256	3.3	11
121	Percolation temperature and the "instability" of the effective potential. <i>Physical Review D</i> , <b>1985</b> , 31, 1411-1417	4.9	11

120	Phase transitions in dependence of apex predator decaying ratio in a cyclic dominant system. <i>Europhysics Letters</i> , <b>2018</b> , 124, 68001	1.6	11
119	Generalized Born-Infeld-like models for kinks and branes. <i>Europhysics Letters</i> , <b>2017</b> , 118, 11001	1.6	10
118	Invasion-controlled pattern formation in a generalized multispecies predator-prey system. <i>Physical Review E</i> , <b>2019</b> , 99, 052408	2.4	10
117	From supersymmetric quantum mechanics to scalar field theories. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	10
116	Kinks and branes in models with hyperbolic interactions. <i>International Journal of Modern Physics A</i> , <b>2017</b> , 32, 1750163	1.2	10
115	Construction of new scalar field models from the standard $\phi^4$ theory. <i>Physica Scripta</i> , <b>2013</b> , 87, 045101	2.6	10
114	New scalar field models and their defect solutions. <i>Europhysics Letters</i> , <b>2011</b> , 93, 41001	1.6	10
113	Oscillons in hyperbolic models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 803, 135291	4.2	9
112	Geometrically constrained kinklike configurations. <i>European Physical Journal Plus</i> , <b>2020</b> , 135, 1	3.1	9
111	Dirac field in the background of a planar defect. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 779, 420-424	4.2	9
110	Kinklike structures in models of the Dirac-Born-Infeld type. <i>Annals of Physics</i> , <b>2018</b> , 388, 408-427	2.5	9
109	Anderson localization of matter waves in chaotic potentials. <i>Nonlinear Analysis: Real World Applications</i> , <b>2012</b> , 13, 755-763	2.1	9
108	Universal Braess paradox in open quantum dots. <i>Physical Review E</i> , <b>2014</b> , 90, 042915	2.4	9
107	Impact of Lorentz violation on the dynamics of inflation. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	9
106	REGULAR AND PERIODIC TACHYON KINKS. <i>Modern Physics Letters A</i> , <b>2005</b> , 20, 467-475	1.3	9
105	Note on Chern-Simons solitons. <i>Physical Review D</i> , <b>1991</b> , 43, 4074-4079	4.9	9
104	Multilayered vortices. <i>Physical Review Research</i> , <b>2019</b> , 1,	3.9	9
103	Planar ringlike vortices. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 785, 454-461	4.2	9

102	First-order formalism for thick branes in modified gravity with Lagrange multiplier. <i>Europhysics Letters</i> , <b>2020</b> , 129, 11004	1.6	8
101	Analytic vortex solutions in generalized models of the Maxwell-Higgs type. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 778, 22-29	4.2	8
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99	Presence of asymmetric noise in multiterminal chaotic cavities. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	8
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