

Muneto Nitta

List of Publications by Year in descending order

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300
papers

7,157
citations

71102

41
h-index

106344

65
g-index

302
all docs

302
docs citations

302
times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	Solitons in the Higgs phase: the moduli matrix approach. Journal of Physics A, 2006, 39, R315-R392.	1.6	271
2	Moduli Space of Non-Abelian Vortices. Physical Review Letters, 2006, 96, 161601.	7.8	195
3	Stable Skyrmions in $SU(2)$ Skyrme Model. Physical Review Letters, 2012, 109, 015301.	7.8	195
4	All exact solutions of a 1/4 Bogomol'nyi-Prasad-Sommerfield equation. Physical Review D, 2005, 71, .	4.7	140
5	Knots in a Spinor Bose-Einstein Condensate. Physical Review Letters, 2008, 100, 180403.	7.8	124
6	Construction of Non-Abelian Walls and their Complete Moduli Space. Physical Review Letters, 2004, 93, 161601.	7.8	123
7	Instantons in the Higgs phase. Physical Review D, 2005, 72, .	4.7	114
8	Vortices and other topological solitons in dense quark matter. Progress of Theoretical and Experimental Physics, 2014, 2014, .	6.6	103
9	Non-Abelian vortices of higher winding numbers. Physical Review D, 2006, 74, .	4.7	99
10	Manifest supersymmetry for BPS walls in nonlinear sigma models. Nuclear Physics B, 2003, 652, 35-71.	2.5	97
11	Non-Abelian walls in supersymmetric gauge theories. Physical Review D, 2004, 70, .	4.7	97
12	Universal Reconnection of Non-Abelian Cosmic Strings. Physical Review Letters, 2007, 98, 091602.	7.8	96
13	Interaction of half-quantized vortices in two-component Bose-Einstein condensates. Physical Review A, 2011, 83, .	2.5	93
14	Collision Dynamics and Rung Formation of non-Abelian Vortices. Physical Review Letters, 2009, 103, 115301.	7.8	89
15	Non-Abelian strings in high-density QCD: Zero modes and interactions. Physical Review D, 2008, 78, .	4.7	83
16	Instabilities of Non-Abelian Vortices in Dense QCD. Physical Review Letters, 2010, 104, 161601.	7.8	80
17	Non-Abelian vortices on a cylinder: Duality between vortices and walls. Physical Review D, 2006, 73, .	4.7	75
18	Manifestly supersymmetric effective Lagrangians on BPS solitons. Physical Review D, 2006, 73, .	4.7	72

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19	On the moduli space of semilocal strings and lumps. <i>Physical Review D</i> , 2007, 76, .	4.7	71
20	Color magnetic flux tubes in dense QCD. <i>Physical Review D</i> , 2009, 80, .	4.7	69
21	Non-Abelian duality from vortex moduli: A dual model of color-confinement. <i>Nuclear Physics B</i> , 2007, 780, 161-187.	2.5	64
22	Neutral bions in the $\mathbb{C}P^1$ model. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	64
23	Crossover between Integer and Fractional Vortex Lattices in Coherently Coupled Two-Component Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2013, 111, 170401.	7.8	63
24	Skyrmions from Instantons inside Domain Walls. <i>Physical Review Letters</i> , 2005, 95, 252003.	7.8	62
25	D-brane construction for non-Abelian walls. <i>Physical Review D</i> , 2005, 71, .	4.7	61
26	1/2, 1/4 and 1/8 BPS equations in SUSY Yang-Mills-Higgs systems: Field theoretical brane configurations. <i>Nuclear Physics B</i> , 2006, 752, 140-172.	2.5	59
27	Constructing non-Abelian vortices with arbitrary gauge groups. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 669, 98-101.	4.1	59
28	Webs of domain walls in supersymmetric gauge theories. <i>Physical Review D</i> , 2005, 72, .	4.7	56
29	Effective world-sheet theory of color magnetic flux tubes in dense QCD. <i>Physical Review D</i> , 2009, 80, .	4.7	56
30	Non-Abelian webs of walls. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 632, 384-392.	4.1	48
31	Quasi-Nambu-Goldstone Modes in Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2010, 105, 230406.	7.8	47
32	Nonperturbative contributions from complexified solutions in $\mathbb{C}P^1$ model. <i>Physical Review D</i> , 2016, 94, .	4.7	47
33	Global 3-group symmetry and \mathbb{Z}_2 Hooft anomalies in axion electrodynamics. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	46
34	Global structure of moduli space for BPS walls. <i>Physical Review D</i> , 2005, 71, .	4.7	45
35	Non-Abelian Strings in Hot or Dense QCD. <i>Progress of Theoretical Physics Supplement</i> , 2008, 174, 254-257.	0.1	45
36	Josephson vortices and the Atiyah-Manton construction. <i>Physical Review D</i> , 2012, 86, .	4.7	45

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37	Creating vortons and three-dimensional skyrmions from domain-wall annihilation with stretched vortices in Bose-Einstein condensates. <i>Physical Review A</i> , 2012, 85, .	2.5	45
38	Matryoshka Skyrmions. <i>Nuclear Physics B</i> , 2013, 872, 62-71.	2.5	44
39	Short-range intervortex interaction and interacting dynamics of half-quantized vortices in two-component Bose-Einstein condensates. <i>Physical Review A</i> , 2016, 93, .	2.5	44
40	Correspondence between Skyrmions in $2+1$ and $3+1$ dimensions. <i>Physical Review D</i> , 2013, 87, .	4.7	42
41	Statistical mechanics of vortices from D-branes and T-duality. <i>Nuclear Physics B</i> , 2008, 788, 120-136.	2.5	41
42	Sine-Gordon kinks on a domain wall ring. <i>Physical Review D</i> , 2013, 87, .	4.7	40
43	Torus knots as Hopfions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 314-318.	4.1	40
44	Domain walls with non-Abelian clouds. <i>Physical Review D</i> , 2008, 77, .	4.7	38
45	Vortex trimer in three-component Bose-Einstein condensates. <i>Physical Review A</i> , 2012, 85, .	2.5	38
46	Resurgence in sine-Gordon quantum mechanics: exact agreement between multi-instantons and uniform WKB. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	38
47	Classifying bions in Grassmann sigma models and non-Abelian gauge theories by D-branes. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, .	6.6	37
48	Effective theory on non-Abelian vortices in six dimensions. <i>Nuclear Physics B</i> , 2004, 701, 247-272.	2.5	36
49	Wall-vortex composite solitons in two-component Bose-Einstein condensates. <i>Physical Review A</i> , 2013, 88, .	2.5	36
50	Domain wall Skyrmions. <i>Physical Review D</i> , 2014, 89, .	4.7	36
51	Higher-form symmetries and 3-group in axion electrodynamics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 808, 135672.	4.1	36
52	Non-Abelian vortices in $SO(N)$ and $USp(N)$ gauge theories. <i>Journal of High Energy Physics</i> , 2009, 2009, 004-004.	4.7	35
53	Bogomol'nyi-Prasad-Sommerfield walls and junctions in supersymmetric nonlinear sigma models. <i>Physical Review D</i> , 2002, 65, .	4.7	34
54	Intersecting solitons, amoeba, and tropical geometry. <i>Physical Review D</i> , 2008, 78, .	4.7	34

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55	Self-Consistent Multiple Complex-Kink Solutions in Bogoliubov-deGennes and Chiral Gross-Neveu Systems. <i>Physical Review Letters</i> , 2013, 110, 131601.	7.8	34
56	A supersymmetric Skyrme model. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	34
57	Berezinskii-Kosterlitz-Thouless Transition of Two-Component Bose Mixtures with Intercomponent Josephson Coupling. <i>Physical Review Letters</i> , 2019, 123, 075303.	7.8	34
58	Incarnations of Skyrmions. <i>Physical Review D</i> , 2014, 90, .	4.7	33
59	Counting rule of Nambu-Goldstone modes for internal and spacetime symmetries: Bogoliubov theory approach. <i>Annals of Physics</i> , 2015, 354, 101-156.	2.8	33
60	Sign Flip in the Casimir Force for Interacting Fermion Systems. <i>Physical Review Letters</i> , 2017, 119, 031601.	7.8	32
61	Bion non-perturbative contributions versus infrared renormalons in two-dimensional \hat{N}^2 models. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	32
62	Colorful boojums at the interface of a color superconductor. <i>Physical Review D</i> , 2012, 86, .	4.7	31
63	Dynamics of domain wall networks. <i>Physical Review D</i> , 2007, 76, .	4.7	30
64	Analogues of D-branes in Bose-Einstein condensates. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	30
65	Fermion structure of non-Abelian vortices in high density QCD. <i>Physical Review D</i> , 2010, 81, .	4.7	30
66	Tachyon Condensation Due to Domain-Wall Annihilation in Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2012, 109, 245301.	7.8	30
67	Baryonic Bound State of Vortices in Multicomponent Superconductors. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 084711.	1.6	30
68	Exact resurgent trans-series and multibion contributions to all orders. <i>Physical Review D</i> , 2017, 95, .	4.7	30
69	Confinement of half-quantized vortices in coherently coupled Bose-Einstein condensates: Simulating quark confinement in a QCD-like theory. <i>Physical Review A</i> , 2018, 97, .	2.5	30
70	Brane dynamics from nonlinear realizations. <i>Physical Review D</i> , 2003, 67, .	4.7	29
71	Confined monopoles induced by quantum effects in dense QCD. <i>Physical Review D</i> , 2011, 83, .	4.7	29
72	Fractional instantons and bions in the O(N) model with twisted boundary conditions. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	29

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73	Nonrelativistic Nambu-Goldstone Modes Associated with Spontaneously Broken Space-Time and Internal Symmetries. <i>Physical Review Letters</i> , 2014, 113, 120403.	7.8	28
74	Effective action of domain wall networks. <i>Physical Review D</i> , 2007, 75, .	4.7	27
75	Multiple layer structure of non-Abelian vortex. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 254-258.	4.1	27
76	Non-Abelian monopoles in the Higgs phase. <i>Nuclear Physics B</i> , 2011, 848, 121-154.	2.5	27
77	Abe homotopy classification of topological excitations under the topological influence of vortices. <i>Nuclear Physics B</i> , 2012, 856, 577-606.	2.5	27
78	Non-Abelian sine-Gordon solitons. <i>Nuclear Physics B</i> , 2015, 895, 288-302.	2.5	27
79	Non-BPS exact solutions and their relation to bions in $\hat{N} = 1$ models. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	27
80	Constraints on two Higgs doublet models from domain walls. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 785, 447-453.	4.1	27
81	Interactions of non-Abelian global strings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 672, 61-64.	4.1	26
82	BPS states in supersymmetric chiral models with higher derivative terms. <i>Physical Review D</i> , 2014, 90, .	4.7	26
83	Fractional instantons and bions in the principal chiral model on $\mathbb{R}^2 \times S^1$ with twisted boundary conditions. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	26
84	Magnetic properties of quantized vortices in neutron superfluids in neutron stars. <i>Physical Review C</i> , 2016, 93, .	2.9	26
85	Non-Abelian strings and domain walls in two Higgs doublet models. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	26
86	Topological axion electrodynamics and 4-group symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 823, 136762.	4.1	26
87	SO and USp Kähler and hyper-Kähler quotients and lumps. <i>Nuclear Physics B</i> , 2009, 815, 495-538.	2.5	25
88	Vortices and monopoles in mass-deformed SO and USp gauge theories. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	25
89	Topological solitons in the supersymmetric Skyrme model. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	25
90	Resurgence structure to all orders of multi-bions in deformed SUSY quantum mechanics. <i>Progress of Theoretical and Experimental Physics</i> , 2017, 2017, .	6.6	25

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91	Exact WKB analysis of the vacuum pair production by time-dependent electric fields. Journal of High Energy Physics, 2021, 2021, 1.	4.7	25
92	MODULI SPACE OF GLOBAL SYMMETRY IN N=1 SUPERSYMMETRIC THEORIES AND THE QUASI-NAMBU-GOLDSTONE BOSONS. International Journal of Modern Physics A, 1999, 14, 2397-2430.	1.5	24
93	Index theorem and Majorana zero modes along a non-Abelian vortex in a color superconductor. Physical Review D, 2011, 84, .	4.7	24
94	Vortex lattices in three-component Bose-Einstein condensates under rotation: Simulating colorful vortex lattices in a color superconductor. Physical Review A, 2013, 88, .	2.5	24
95	Quark-hadron continuity under rotation: Vortex continuity or boojum?. Physical Review D, 2019, 99, .	4.7	24
96	D-brane Configurations for Domain Walls and Their Webs. AIP Conference Proceedings, 2005, , .	0.4	23
97	Fractional vortices and lumps. Physical Review D, 2009, 80, .	4.7	23
98	Topological interactions of non-Abelian vortices with quasiparticles in high density QCD. Physical Review D, 2011, 83, .	4.7	23
99	Majorana meets Coxeter: Non-Abelian Majorana fermions and non-Abelian statistics. Physical Review B, 2011, 83, .	3.2	23
100	P23superfluids are topological. Physical Review B, 2017, 95, .	3.2	23
101	Topological Excitations in Spinor Bose-Einstein Condensates. Progress of Theoretical Physics Supplement, 2010, 186, 455-462.	0.1	22
102	Topological classification of vortex-core structures of spin-1 Bose-Einstein condensates. Physical Review A, 2012, 86, .	2.5	22
103	Vortex graphs as N-omers and $\mathbb{C}P^{N-1}$ skyrmions in N-component Bose-Einstein condensates. Europhysics Letters, 2013, 103, 60006.	2.0	22
104	Baryonic sphere: A spherical domain wall carrying baryon number. Physical Review D, 2014, 89, .	4.7	22
105	Ghostbusters in higher derivative supersymmetric theories: who is afraid of propagating auxiliary fields? Journal of High Energy Physics, 2016, 2016, 1. Topological order in the color-flavor locked phase of a $(\mathbb{C}P^1)^N$ sigma model	4.7	22
106	Topological order in the color-flavor locked phase of a $(\mathbb{C}P^1)^N$ sigma model	4.7	22
107	Ricci-flat Kähler manifolds from supersymmetric gauge theories. Nuclear Physics B, 2002, 623, 133-149.	2.5	21
108	Dynamics of strings between walls. Physical Review D, 2009, 79, .	4.7	21

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109	Fermionic solutions of chiral Grossâ€“Neveu and Bogoliubovâ€“de Gennes systems in nonlinear Schrödinger hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 632-637.	4.1	21
110	Fractional vortex molecules and vortex polygons in a baby Skyrme model. Physical Review D, 2013, 87, .	4.7	21
111	Non-Abelian sine-Gordon solitons: Correspondence between $SU(N)$ and $U(N)$ theories. Physical Review D, 2013, 87, .	4.7	21
112	Classifying BPS states in supersymmetric gauge theories coupled to higher derivative chiral models. Physical Review D, 2015, 91, .	4.7	21
113	Non-Abelian global strings at chiral phase transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 658, 143-147.	4.1	20
114	Decomposing instantons in two dimensions. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 175401.	2.1	20
115	Spontaneous magnetization through non-Abelian vortex formation in rotating dense quark matter. Physical Review D, 2012, 86, .	4.7	20
116	Color magnetism in non-Abelian vortex matter. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
117	Fractional Skyrmions and their molecules. Physical Review D, 2015, 91, .	4.7	20
118	Non-Abelian global vortices. Nuclear Physics B, 2009, 821, 129-150.	2.5	19
119	Dirac returns: Non-Abelian statistics of vortices with Dirac fermions. Nuclear Physics B, 2012, 859, 261-268.	2.5	19
120	Vortex Polygons and Their Stabilities in Bose-Einstein Condensates and Field Theory. Journal of Low Temperature Physics, 2014, 175, 208-215.	1.4	19
121	Nambu-Goldstone modes propagating along topological defects: Kelvin and ripple modes from small to large systems. Physical Review B, 2015, 91, .	3.2	19
122	Black hole Skyrmion in a generalized Skyrme model. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
123	Topology and symmetry of surface Majorana arcs in cyclic superconductors. Physical Review B, 2018, 97, .	3.2	19
124	Calabiâ€“Yau manifolds of cohomogeneity one as complex line bundles. Nuclear Physics B, 2002, 645, 438-456.	2.5	18
125	Gauge Theoretical Construction of Non-compact Calabiâ€“Yau Manifolds. Annals of Physics, 2002, 296, 347-370.	2.8	18
126	Higher derivative corrections to manifestly supersymmetric nonlinear realizations. Physical Review D, 2014, 90, .	4.7	18

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127	Quasi-Nambu-Goldstone modes in nonrelativistic systems. <i>Physical Review D</i> , 2015, 91, .	4.7	18
128	Modifying the pion mass in the loosely bound Skyrme model. <i>Physical Review D</i> , 2016, 94, .	4.7	18
129	Topologically nontrivial Andreev bound states. <i>Physical Review B</i> , 2019, 100, .	3.2	18
130	Effective action for brane localized gauge fields. <i>Physical Review D</i> , 2004, 69, .	4.7	17
131	Generalized monopoles in six-dimensional non-Abelian gauge theory. <i>Physical Review D</i> , 2005, 71, .	4.7	17
132	Spin imbalance effect on the Larkin-Ovchinnikov-Fulde-Ferrel state. <i>Physical Review B</i> , 2011, 84, .	3.2	17
133	Non-Abelian statistics of vortices with multiple Majorana fermions. <i>Physical Review B</i> , 2012, 86, .	3.2	17
134	Vortex counting from field theory. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	17
135	Vortex Molecules in Bose-Einstein Condensates. <i>Journal of Low Temperature Physics</i> , 2014, 175, 177-188.	1.4	17
136	Neutral bions in the CPN-1 model for resurgence. <i>Journal of Physics: Conference Series</i> , 2015, 597, 012060.	0.4	17
137	Collective excitations of a quantized vortex in P^2 superfluids in neutron stars. <i>Physical Review C</i> , 2017, 96, .	2.9	17
138	Phase structure of neutron P^2 superfluids in strong magnetic fields in neutron stars. <i>Physical Review C</i> , 2019, 99, .	2.9	17
139	Topologically quantized current in quasiperiodic Thouless pumps. <i>Physical Review Research</i> , 2020, 2, .	3.6	17
140	Group theory of non-abelian vortices. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	16
141	Anisotropic Optical Response of Dense Quark Matter under Rotation: Compact Stars as Cosmic Polarizers. <i>Physical Review Letters</i> , 2012, 109, 062501.	7.8	16
142	Nonrelativistic Nambu-Goldstone modes propagating along a Skyrmion line. <i>Physical Review D</i> , 2014, 90, .	4.7	16
143	Reexamining Ginzburg-Landau theory for neutron P^2 superfluidity in neutron stars. <i>Physical Review C</i> , 2019, 100, .	2.9	16
144	Dynamics of Nambu monopole in two Higgs doublet models. <i>Cosmological Monopole Collider. Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	16

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145	Global 4-group symmetry and \mathbb{Z}_2 Hooft anomalies in topological axion electrodynamics. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	16
146	AdS ₅ +i \hat{t} 'AdS ₅ . Journal of Mathematical Physics, 2005, 46, 102304.	1.1	15
147	Winding Hopfions on S^2 \times S^1 . Nuclear Physics B, 2013, 876, 605-618.	2.5	15
148	D-brane solitons and boojums in field theory and Bose-Einstein condensates. Journal of Physics Condensed Matter, 2013, 25, 404213.	1.8	15
149	Baryonic torii: Toroidal baryons in a generalized Skyrme model. Physical Review D, 2015, 91, .	4.7	15
150	Stable Core Symmetries and Confined Textures for a Vortex Line in a Spinor Bose-Einstein Condensate. Physical Review Letters, 2016, 116, 085301.	7.8	15
151	Conformal symmetry of trapped Bose-Einstein condensates and massive Nambu-Goldstone modes. Physical Review A, 2017, 96, .	2.5	15
152	Self-consistent large-N analytical solutions of inhomogeneous condensates in quantum \mathbb{Z}_2 model. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
153	Spatially modulated vacua in a Lorentz-invariant scalar field theory. European Physical Journal C, 2018, 78, 1.	3.9	15
154	Topological Nambu monopole in two Higgs doublet models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135220.	4.1	15
155	Half-quantized non-Abelian vortices in neutron 3P ₂ superfluids inside magnetars. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	15
156	A NOTE ON SUPERSYMMETRIC WZW TERM IN FOUR DIMENSIONS. Modern Physics Letters A, 2000, 15, 2327-2333.	1.2	14
157	Supersymmetric nonlinear sigma models on Ricci-flat Kähler manifolds with O(N) symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 421-425.	4.1	14
158	Skyrmions confined as beads on a vortex ring. Physical Review D, 2016, 94, .	4.7	14
159	Aharonov-Bohm phase in high density quark matter. Physical Review D, 2016, 93, .	4.7	14
160	A higher-order Skyrme model. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
161	BPS Alice strings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
162	Hidden charge-conjugation, parity, and time-reversal symmetries and massive Goldstone (Higgs) modes in superconductors. Physical Review B, 2018, 98, .	3.2	14

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163	Emergent discrete 3-form symmetry and domain walls. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135290.	4.1	14
164	Skyrmion interactions and lattices in chiral magnets: analytical results. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
165	Collision dynamics and reactions of fractional vortex molecules in coherently coupled Bose-Einstein condensates. Physical Review Research, 2020, 2, .	3.6	14
166	CONFORMAL SIGMA MODELS WITH ANOMALOUS DIMENSIONS AND RICCI SOLITONS. Modern Physics Letters A, 2005, 20, 577-584.	1.2	13
167	Moduli space metric for well-separated non-Abelian vortices. Physical Review D, 2010, 82, .	4.7	13
168	Fulde-Ferrell-Larkin-Ovchinnikov states in a superconducting ring with magnetic fields: Phase diagram and the first-order phase transitions. Physical Review B, 2015, 92, .	3.2	13
169	Josephson junction of non-Abelian superconductors and non-Abelian Josephson vortices. Nuclear Physics B, 2015, 899, 78-90.	2.5	13
170	Casimir force for the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"} \rangle$ $\langle \text{mml:mi mathvariant="double-struck"} \rangle C$ $\langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle P$ $\langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle N$ $\langle \text{mml:linebreakstyle="after"} \rangle \hat{a}$ $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1$ $\langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 13499	4.1	13
171	Non-Abelian Alice strings in two-flavor dense QCD. Physical Review D, 2021, 103, .	4.7	13
172	Critical end point and universality class of neutron $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle P$ $\langle \text{mml:mn} \rangle 2$ $\langle \text{mml:none} \rangle / \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:mn} \rangle 3$ $\langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ superfluids in neutron stars. Physical Review Research, 2020, 2, .	3.6	13
173	A note on conifolds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 518, 301-305.	4.1	12
174	Vortex Formations from Domain Wall Annihilations in \hat{A} Two-Component Bose-Einstein Condensates. Journal of Low Temperature Physics, 2011, 162, 243-249.	1.4	12
175	Defect formation from higher-dimensional defect-antidefect annihilations. Physical Review D, 2012, 85, .	4.7	12
176	Instantons confined by monopole strings. Physical Review D, 2013, 87, .	4.7	12
177	Josephson instantons and Josephson monopoles in a non-Abelian Josephson junction. Physical Review D, 2015, 92, .	4.7	12
178	Head butting sheep: kink collisions in the presence of false vacua. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 365203.	2.1	12
179	Ghost-free vector superfield actions in supersymmetric higher-derivative theories. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
180	Higher derivative three-form gauge theories and their supersymmetric extension. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12

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