

Herbert Weigel

List of Publications by Year in descending order

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173
papers

3,333
citations

168829

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198040

52
g-index

178
all docs

178
docs citations

178
times ranked

786
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum corrections to soliton energies. International Journal of Modern Physics A, 2022, 37, .	0.5	11
2	Winding number dependence of quantum vortex energies at one-loop. Physical Review D, 2021, 104, .	1.6	3
3	Chiral Soliton Models and Nucleon Structure Functions. Symmetry, 2021, 13, 108.	1.1	2
4	Quantum corrections to solitons in the ϕ^4 model. Physical Review D, 2020, 102, .	1.6	9
5	Vacuum polarization energy of a complex scalar field in a vortex background. Physical Review D, 2020, 101, .	1.6	3
6	Quantum instabilities of solitons. AIP Conference Proceedings, 2019, , .	0.3	15
7	Nucleon structure functions from the NJL-model chiral soliton. European Physical Journal A, 2019, 55, 1.	1.0	1
8	Collective Coordinate Methods and Their Applicability to ϕ^4 Models. Advances in Dynamics, Patterns, Cognition, 2019, , 51-74.	0.2	4
9	Structure Functions of the Nucleon in a Soliton Model. , 2019, , .		0
10	Spectral methods for coupled channels with a mass gap. Physical Review D, 2018, 97, .	1.6	6
11	Exotic Baryons in Chiral Soliton Models. Universe, 2018, 4, 142.	0.9	0
12	Vacuum polarization energy of the Shifman-Voloshin soliton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 434-439.	1.5	5
13	Weak Isospin Symmetry and the Vacuum Polarization Energy of Cosmic Strings. Proceedings (mdpi), 2018, 2, 34.	0.2	0
14	Vacuum polarization energy for general backgrounds in one space dimension. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 65-70.	1.5	22
15	Quantum stabilization of a hedgehog type of cosmic string. Nuclear Physics B, 2017, 923, 350-377.	0.9	1
16	Cosmic Strings Stabilized by Quantum Fluctuations. Russian Physics Journal, 2017, 59, 1768-1774.	0.2	2
17	Emerging Translational Variance: Vacuum Polarization Energy of the ϕ^4 Kink. Advances in High Energy Physics, 2017, 2017, 1-10.	0.5	12
18	Collective coordinates in one-dimensional soliton models revisited. Physical Review D, 2016, 94, .	1.6	72

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19	Isospin invariance and the vacuum polarization energy of cosmic strings. <i>Physical Review D</i> , 2016, 94, .	1.6	4
20	Heavy baryons with strangeness in a soliton model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 750, 230-236.	1.5	8
21	Heavy baryons with strangeness in soliton models. <i>International Journal of Modern Physics Conference Series</i> , 2015, 39, 1560088.	0.7	0
22	Quantum stabilization of cosmic strings. <i>Modern Physics Letters A</i> , 2015, 30, 1530022.	0.5	4
23	Casimir energy of frequency dependent interactions. <i>Physical Review D</i> , 2014, 90, .	1.6	0
24	Kink-antikink scattering in $4+1$ and $6+1$ Models. <i>Journal of Physics: Conference Series</i> , 2014, 482, 012045.	0.3	53
25	Quantum stabilization of a closed Nielsen-Olesen string. <i>Physical Review D</i> , 2013, 87, .	1.6	4
26	Attractive electromagnetic Casimir stress on a spherical dielectric shell. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 846-849.	1.5	6
27	Vacuum nature of the QCD condensates. <i>Physical Review D</i> , 2012, 85, .	1.6	13
28	COSMIC STRINGS STABILIZED BY FERMION FLUCTUATIONS. <i>International Journal of Modern Physics A</i> , 2012, 27, 1260016.	0.5	2
29	COSMIC STRINGS STABILIZED BY FERMION FLUCTUATIONS. <i>International Journal of Modern Physics Conference Series</i> , 2012, 14, 215-229.	0.7	1
30	Fermion energies in the background of a cosmic string. <i>Physical Review D</i> , 2011, 84, .	1.6	13
31	Stable Charged Cosmic Strings. <i>Physical Review Letters</i> , 2011, 106, 101601.	2.9	16
32	WAVE-PACKET SCATTERING OFF THE KINK-SOLUTION. <i>International Journal of Modern Physics A</i> , 2011, 26, 3625-3640.	0.5	9
33	Gauge invariance and vacuum energies of non-Abelian string-configurations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 690, 514-518.	1.5	10
34	Vacuum energies of non-abelian string-configurations in dimensions. <i>Nuclear Physics B</i> , 2010, 831, 306-328.	0.9	10
35	Quantum Field Theory and the Spectral Method. <i>Lecture Notes in Physics</i> , 2009, , 33-61.	0.3	20
36	Review of Scattering Theory. <i>Lecture Notes in Physics</i> , 2009, , 15-32.	0.3	2

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37	Hedgehog Configurations in $d = 3+1$. Lecture Notes in Physics, 2009, , 103-128.	0.3	0
38	Boundary Conditions and Casimir Forces. Lecture Notes in Physics, 2009, , 129-142.	0.3	0
39	Quantum Corrections to Q-Balls. Lecture Notes in Physics, 2009, , 171-177.	0.3	0
40	Spectral Analysis of Charges. Lecture Notes in Physics, 2009, , 91-101.	0.3	0
41	String-Type Configurations. Lecture Notes in Physics, 2009, , 143-169.	0.3	0
42	Two-photon contributions to the Rosenbluth cross-section in the Skyrme model. European Physical Journal A, 2008, 38, 295-306.	1.0	0
43	Quantum stabilization of Z-strings, a status report on $D= 3 + 1$ dimensions. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 164049.	0.7	8
44	On the decay of soliton excitations. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 164040.	0.7	0
45	Baryon Properties. , 2008, , 113-145.		2
46	Multi-baryon Systems in the Skyrme Model. , 2008, , 207-230.		0
47	Quark Flavor Interaction. , 2008, , 5-26.		0
48	Self-consistent Soliton. , 2008, , 27-42.		0
49	The Skyrme Model. , 2008, , 43-64.		0
50	Soliton Quantization in Flavor $SU(2)$. , 2008, , 65-83.		0
51	Soliton Quantization in Flavor $SU(3)$. , 2008, , 85-112.		0
52	Meson-Baryon Scattering in Chiral Soliton Models. , 2008, , 147-180.		1
53	Exotic Baryons. , 2008, , 181-206.		0
54	On the Width of Collective Excitations in Chiral Soliton Models. Progress of Theoretical Physics Supplement, 2007, 168, 78-85.	0.2	0

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55	Axial current matrix elements and pentaquark decay widths in chiral soliton models. Physical Review D, 2007, 75, .	1.6	10
56	Collective resonances in the soliton model approach to meson-baryon scattering. European Physical Journal A, 2007, 31, 495-498.	1.0	3
57	Collective resonances in the soliton model approach to meson-baryon scattering. , 2007, , 123-126.		0
58	Quantum energies of strings in a ()-dimensional gauge theory. Nuclear Physics B, 2006, 758, 112-143.	0.9	14
59	Energies of quantum QED flux tubes. Journal of Physics A, 2006, 39, 6799-6806.	1.6	4
60	Bound-state versus collective-coordinate approaches in chiral soliton models and the width of the $\bar{\Gamma}$ pentaquark. European Physical Journal A, 2005, 26, 361-382.	1.0	27
61	Quantum QED flux tubes in and dimensions. Nuclear Physics B, 2005, 707, 233-277.	0.9	25
62	PENTAQUARKS IN A BREATHING MODE APPROACH TO CHIRAL SOLITONS. , 2005, , .		1
63	Exotic baryons and monopole excitations in a chiral soliton model. European Physical Journal A, 2004, 21, 133-143.	1.0	19
64	Magnetic moments of baryons with a single heavy Λ quark. Nuclear Physics A, 2004, 735, 163-184.	0.6	20
65	The Dirichlet Casimir problem. Nuclear Physics B, 2004, 677, 379-404.	0.9	158
66	Pentaquarks and Radially Excited Baryons. , 2004, , .		0
67	Flavor symmetry breaking and strangeness in the nucleon. European Physical Journal A, 2003, 18, 559-562.	1.0	0
68	Chiral quark model. Pramana - Journal of Physics, 2003, 61, 921-930.	0.9	7
69	Casimir energies in light of quantum field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 572, 196-201.	1.5	119
70	Heavy fermion quantum effects in SU(2)L gauge theory. Nuclear Physics B, 2003, 665, 623-648.	0.9	7
71	Magnetic Moments of Baryons with a Heavy Quark. AIP Conference Proceedings, 2003, , .	0.3	1
72	A Bethe-Salpeter Description of Light Mesons. AIP Conference Proceedings, 2003, , .	0.3	0

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73	Casimir Energies in the Light of Renormalizable Quantum Field Theories. AIP Conference Proceedings, 2003, , .	0.3	0
74	SPIN STRUCTURE FUNCTIONS IN CHIRAL QUARK SOLITON MODELS. , 2003, , .		0
75	Flavor symmetry breaking and strangeness in the nucleon. , 2003, , 559-562.		0
76	Mesons in a Poincar� covariant Bethe-Salpeter approach. Physical Review D, 2002, 65, .	1.6	125
77	CASIMIR EFFECTS IN RENORMALIZABLE QUANTUM FIELD THEORIES. International Journal of Modern Physics A, 2002, 17, 846-869.	0.5	62
78	Searching for quantum solitons in a (3+1)-dimensional chiral Yukawa model. Nuclear Physics B, 2002, 630, 241-268.	0.9	25
79	Calculating vacuum energies in renormalizable quantum field theories:. Nuclear Physics B, 2002, 645, 49-84.	0.9	203
80	Soliton models for the nucleon and predictions for the nucleon spin structure. European Physical Journal D, 2002, 52, C65-C78.	0.4	0
81	QUANTUM ENERGIES OF SOLITONS. , 2002, , .		1
82	Fractional and integer charges from Levinson's theorem. Nuclear Physics B, 2001, 595, 536-550.	0.9	28
83	Hadron structure functions within a chiral quark model. Nuclear Physics A, 2001, 680, 48-51.	0.6	7
84	Hyperon beta-decay and axial charges of the lambda in view of strongly distorted baryon wave-functions. Nuclear Physics A, 2001, 690, 595-609.	0.6	6
85	Finite Energy Sum Rules in Potential Scattering. Annals of Physics, 2001, 293, 240-257.	1.0	24
86	Quantum Energies of Interfaces. Physical Review Letters, 2001, 87, 131601.	2.9	44
87	Production processes as a tool to study parametrizations of quark confinement. Physical Review D, 2001, 64, .	1.6	16
88	A heavy fermion can create a soliton: a 1+1 dimensional example. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 335-341.	1.5	18
89	Nucleon structure functions in a chiral soliton model. Nuclear Physics A, 2000, 670, 92-95.	0.6	2
90	Soliton formation in the Nambu�Jona-Lasinio model. Nuclear Physics A, 2000, 671, 547-563.	0.6	2

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91	An Effective Field Theory Model to Describe Nuclear Matter in Heavy-Ion Collisions. , 2000, 30, 577-597.		1
92	Hadron structure functions in a chiral quark model. European Physical Journal D, 2000, 50, 137-144.	0.4	1
93	Hadron structure functions in the bosonized nambu-jona-lasinio model. AIP Conference Proceedings, 2000, , .	0.3	0
94	Radial excitations of low-lying baryons and the structure of the Z ⁺ pentaquark. AIP Conference Proceedings, 2000, , .	0.3	2
95	Heavy fermion stabilization of solitons in dimensions. Nuclear Physics B, 2000, 585, 443-470.	0.9	41
96	Nucleon structure functions from a chiral soliton. Nuclear Physics, Section B, Proceedings Supplements, 1999, 74, 125-128.	0.5	1
97	The parity-violating pion-nucleon coupling constant from a realistic three flavor Skyrme model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 1-7.	1.5	51
98	Nucleon structures functions in the three-flavor NJL soliton model. Nuclear Physics A, 1999, 651, 174-208.	0.6	8
99	Hyperons as collective excitations of chiral solitons. Nuclear Physics, Section B, Proceedings Supplements, 1999, 75, 57-59.	0.5	1
100	Hadron structure functions in a chiral quark model: Regularization, scaling and sum rules. Nuclear Physics B, 1999, 560, 383-427.	0.9	52
101	Radial excitations of low-lying baryons and the Z + pentaquark. European Physical Journal A, 1998, 2, 391-402.	1.0	79
102	Strangeness contribution to the polarized nucleon structure function g ₁ (x). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 439, 398-406.	1.5	7
103	Chiral odd structure functions from a chiral soliton. Physical Review D, 1998, 58, .	1.6	28
104	Comment on "Unpolarized and polarized quark distributions in the large-N limit". Physical Review D, 1998, 58, .	1.6	2
105	NUCLEON STRUCTURE FUNCTIONS FROM A CHIRAL SOLITON IN THE INFINITE MOMENTUM FRAME. International Journal of Modern Physics A, 1998, 13, 5519-5534.	0.5	13
106	Polarized nucleon structure functions within a chiral soliton model. Physical Review D, 1997, 55, 6910-6923.	1.6	50
107	Generalization of the bound state model. Physical Review D, 1997, 56, 4098-4114.	1.6	14
108	Baryons as hybrids of solitons and three-quark bound states. Physical Review C, 1997, 55, 2030-2042.	1.1	16

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109	Structure functions from chiral soliton models. , 1997, , .		0
110	Strangeness in the nucleon and the ratio of proton-to-neutron neutrino-induced quasi-elastic yield. Zeitschrift für Physik A, 1997, 358, 445-450.	0.9	5
111	Nucleon structure functions from a chiral soliton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 399, 287-296.	1.5	40
112	Hidden structure in a Lagrangian for hyperfine splitting of the heavy baryons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 329-334.	1.5	6
113	Strangeness dependence in radiative hyperon decay amplitudes. Nuclear Physics A, 1997, 615, 291-304.	0.6	23
114	Hyperfine splitting of low-lying heavy baryons. Nuclear Physics A, 1997, 625, 789-816.	0.6	7
115	Topologically non-trivial chiral transformations. Zeitschrift für Physik A, 1996, 354, 181-195.	0.9	0
116	Topologically non-trivial chiral transformations. Zeitschrift für Physik A, 1996, 354, 181-195.	0.9	0
117	Baryons as chiral solitons in the Nambu-Jona-Lasinio model. Physics Reports, 1996, 265, 139-252.	10.3	191
118	Radiative decays of hyperons in the Skyrme model: transition ratios. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 366, 26-31.	1.5	33
119	Scaling behavior in soliton models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 5-12.	1.5	5
120	SU(3) symmetry breaking and octet baryon polarizabilities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 433-439.	1.5	2
121	UNPOLARIZED NUCLEON STRUCTURE FUNCTIONS IN THE NAMBU-JONA-LASINIO CHIRAL SOLITON MODEL. Modern Physics Letters A, 1996, 11, 3021-3034.	0.5	34
122	Heavy quark solitons in the Nambu-Jona-Lasinio model. Physical Review D, 1996, 54, 5812-5819.	1.6	3
123	BARYONS AS THREE-FLAVOR SOLITONS. International Journal of Modern Physics A, 1996, 11, 2419-2544.	0.5	64
124	Heavy-quark solitons: towards realistic masses. Nuclear Physics A, 1995, 590, 655-679.	0.6	26
125	On the strange vector form factors of the nucleon in the NJL soliton model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 20-26.	1.5	53
126	Diquarks in a chiral soliton field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 362, 1-6.	1.5	3

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127	Estimate of quantum corrections to the mass of the chiral soliton in the Nambu-Jona-Lasinio model. Nuclear Physics A, 1995, 582, 484-516.	0.6	19
128	On the analytic properties of chiral solitons in the presence of the η' -meson. Nuclear Physics A, 1995, 585, 513-553.	0.6	10
129	Monopole excitations of baryons in the Nambu-Jona-Lasinio soliton model. Nuclear Physics A, 1995, 593, 488-502.	0.6	4
130	Resolving ordering ambiguities in the collective quantization by particle conjugation constraints. Physical Review D, 1995, 51, 6296-6307.	1.6	7
131	PARTICLE CONJUGATION AND THE $1/N_c$ CORRECTIONS TO g_A . Modern Physics Letters A, 1995, 10, 885-891.	0.5	6
132	THE SKYRMION LIMIT OF THE NAMBU-JONA-LASINIO SOLITON. Modern Physics Letters A, 1995, 10, 67-78.	0.5	2
133	Strange S-wave excitation of the Nambu-Jona-Lasinio soliton. Physical Review D, 1994, 49, 5958-5969.	1.6	4
134	The chiral soliton of the Nambu-Jona-Lasinio model with vector and axial-vector mesons. Nuclear Physics A, 1994, 570, 445-471.	0.6	15
135	Hyperons in the bound-state approach to the Nambu-Jona-Lasinio chiral soliton. Nuclear Physics A, 1994, 576, 477-524.	0.6	17
136	Self-consistent solution to a fermion determinant with space dependent fields. Computer Physics Communications, 1994, 82, 30-41.	3.0	14
137	Self-consistent solution to a complex fermion determinant with space dependent fields. Computer Physics Communications, 1994, 82, 42-56.	3.0	4
138	The Bethe-Salpeter equation for mesons as quark $\bar{q}q$ anti-quark bound states in a soliton background. Computer Physics Communications, 1994, 82, 57-73.	3.0	2
139	Highlights of the NJL Chiral Soliton. , 1994, , 89-107.		0
140	Strange and non-strange meson fluctuations off the Nambu-Jona-Lasinio soliton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 377-388.	1.5	15
141	The Nambu-Jona-Lasinio chiral soliton with constrained baryon number. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 315, 6-11.	1.5	10
142	corrections to g_A in the light of PCAC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 319, 1-6.	1.5	18
143	The isoscalar vector meson η' in the Nambu-Jona-Lasinio soliton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 132-140.	1.5	14
144	THE NAMBU-JONA-LASINIO SOLITON WITH GENERALIZED SCALAR INTERACTIONS. Modern Physics Letters A, 1993, 08, 79-88.	0.5	10

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145	Effective hadron dynamics: From meson masses to the proton spin puzzle. <i>Physical Review D</i> , 1993, 48, 339-355.	1.6	114
146	THE EFFECTIVE LAGRANGIAN APPROACH TO THE "PROTON-SPIN PUZZLE" AND THE ISSUE OF "TWO COMPONENTS". <i>Modern Physics Letters A</i> , 1992, 07, 1-11.	0.5	10
147	Supporting the Skyrmion from the Nambu-Jona-Lasinio model with vector and axial-vector mesons. <i>Physical Review Letters</i> , 1992, 69, 1874-1876.	2.9	31
148	Approach to color transparency in the soliton picture of the nucleon. <i>Physical Review D</i> , 1992, 45, 1470-1475.	1.6	5
149	Strange baryons as chiral solitons of the Nambu-Jona-Lasinio model. <i>Nuclear Physics B</i> , 1992, 387, 638-674.	0.9	45
150	SU(3) symmetry breaking for masses, magnetic moments and sizes of baryons. <i>Nuclear Physics A</i> , 1992, 540, 461-477.	0.6	32
151	Static properties of baryons from an SU(3) pseudoscalar vector meson lagrangian. <i>Nuclear Physics A</i> , 1992, 541, 453-491.	0.6	76
152	The strange chiral soliton of the Nambu-Jona-Lasinio model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 284, 296-302.	1.5	15
153	Breathing mode quantization in an extended SU(3) Skyrme model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 261, 235-239.	1.5	17
154	The SU(3) Skyrme model with vector mesons in the collective approach. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 268, 155-160.	1.5	12
155	Slowly rotating skyrmions in broken SU(3). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 267, 438-442.	1.5	34
156	Chiral symmetry and the neutron-proton mass difference in the medium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 267, 167-172.	1.5	5
157	Breathing mode in the SU(3) Skyrme model. <i>Physical Review D</i> , 1991, 44, 2916-2927.	1.6	13
158	Electromagnetic, axial-vector, and strange currents in the Skyrme model: Effects of symmetry breaking. <i>Physical Review D</i> , 1991, 43, 869-884.	1.6	70
159	Kaon excitation in the SU(3) Skyrme model. <i>Physical Review D</i> , 1990, 42, 3177-3190.	1.6	21
160	Symmetry breaking and hyperon decays in the Skyrme model. <i>Physical Review D</i> , 1990, 41, 2836-2843.	1.6	22
161	Two-component approach to the Δ^{\pm} -proton spin puzzle in generalized Skyrme models. <i>Physical Review Letters</i> , 1990, 65, 2955-2958.	2.9	15
162	Singlet axial-vector current and the "proton-spin" question. <i>Physical Review D</i> , 1990, 42, 2998-3009.	1.6	38

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163	EFFECTIVE LAGRANGIAN FOR THE TWO-COMPONENT APPROACH TO THE "PROTON SPIN" PUZZLE. Modern Physics Letters A, 1990, 05, 2543-2553.	0.5	7
164	Neutron-proton mass-splitting puzzle in Skyrme and chiral quark models. Physical Review D, 1989, 40, 855-865.	1.6	45
165	Realistic pseudoscalar-vector Lagrangian. Static and dynamical baryon properties. Physical Review D, 1989, 39, 1956-1972.	1.6	35
166	Higher order perturbation theory for the SU(3) skyrme model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 224, 171-176.	1.5	31
167	Axial current matrix elements of the nucleon based on an exact diagonalization of the SU(3) skyrme model hamiltonian. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 228, 420-424.	1.5	28
168	The skyrme soliton in pion, vector- and scalar-meson fields: $\pi\pi$ -scattering and photoproduction. Physics Reports, 1989, 173, 173-255.	10.3	117
169	Baryon resonances as soliton excitations from an effective meson Lagrangian. Progress in Particle and Nuclear Physics, 1988, 20, 105-111.	5.6	0
170	The influence of different anomalous terms in effective meson lagrangians on baryon resonances. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 215, 24-28.	1.5	7
171	Vector mesons versus higher order terms in the Skyrme model approach to baryon resonances. Nuclear Physics A, 1987, 465, 733-742.	0.6	23
172	Baryon resonances as soliton excitations from purely mesonic lagrangians. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 11-14.	1.5	6
173	Exotic baryon number B=2 states in the SU(2) skyrme model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 168, 321-325.	1.5	44