

Atsushi Hosaka

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.

267
papers

4,534
citations

38
h-index

55
g-index

332
ext. papers

5,439
ext. citations

3.6
avg, IF

5.82
L-index

#	Paper	IF	Citations
267	Flavor SU(3) breaking effects in the chiral unitary model for meson-baryon scatterings. <i>Physical Review C</i> , 2003 , 68,	2.7	149
266	Origin of resonances in the chiral unitary approach. <i>Physical Review C</i> , 2008 , 78,	2.7	128
265	Spectrum of heavy baryons in the quark model. <i>Physical Review D</i> , 2015 , 92,	4.9	116
264	Emergence of a Complete Heavy-Quark Spin Symmetry Multiplet: Seven Molecular Pentaquarks in Light of the Latest LHCb Analysis. <i>Physical Review Letters</i> , 2019 , 122, 242001	7.4	114
263	Chiral Symmetry of Baryons 2001 , 106, 873-908		114
262	G-matrix effective interaction with the paris potential. <i>Nuclear Physics A</i> , 1985 , 444, 76-92	1.3	106
261	Exotic hadrons with heavy flavors: X, Y, Z, and related states. <i>Progress of Theoretical and Experimental Physics</i> , 2016 , 2016,	5.4	102
260	Bottom baryons. <i>Physical Review D</i> , 2008 , 77,	4.9	84
259	Compositeness of dynamically generated states in a chiral unitary approach. <i>Physical Review C</i> , 2012 , 85,	2.7	83
258	Hidden gauge formalism for the radiative decays of axial-vector mesons. <i>Physical Review D</i> , 2009 , 79,	4.9	83
257	Enhanced subthreshold e+ e- production in short laser pulses. <i>Physical Review Letters</i> , 2012 , 108, 240406	7.4	74
256	Chiral bag model for the nucleon. <i>Physics Reports</i> , 1996 , 277, 65-188	27.7	68
255	P-wave charmed baryons from QCD sum rules. <i>Physical Review D</i> , 2015 , 91,	4.9	67
254	Decay properties of P-wave charmed baryons from light-cone QCD sum rules. <i>Physical Review D</i> , 2017 , 95,	4.9	65
253	Pentaquark states in a chiral potential. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 571, 55-60	4.2	61
252	Chiral symmetry for positive and negative parity nucleons. <i>Nuclear Physics A</i> , 2000 , 671, 471-480	1.3	60
251	Exotic baryons from a heavy meson and a nucleon: Negative parity states. <i>Physical Review D</i> , 2011 , 84,	4.9	58

250	Light scalar tetraquark mesons in the QCD sum rule. <i>Physical Review D</i> , 2007 , 76,	4.9	57
249	Magnetic moments of the $\Sigma(1405)$ and $\Sigma(1670)$ resonances. <i>Physical Review C</i> , 2002 , 66,	2.7	57
248	Heavy hadrons in nuclear matter. <i>Progress in Particle and Nuclear Physics</i> , 2017 , 96, 88-153	10.6	56
247	$\Sigma(1405)$ production in the $\bar{p} \rightarrow K^0 \pi$ reaction. <i>Physical Review C</i> , 2003 , 68,	2.7	54
246	QCD sum rule calculation for P-wave bottom baryons. <i>Physical Review D</i> , 2015 , 92,	4.9	50
245	Coupling vector and pseudoscalar mesons to study baryon resonances. <i>Physical Review D</i> , 2011 , 84,	4.9	50
244	D-wave charmed and bottomed baryons from QCD sum rules. <i>Physical Review D</i> , 2016 , 94,	4.9	49
243	Exotic mesons with hidden bottom near thresholds. <i>Physical Review D</i> , 2012 , 86,	4.9	49
242	Detailed Analysis of the Chiral Unitary Model for Meson-Baryon Scattering with Flavor SU (3) Breaking Effects 2004 , 112, 73-97		49
241	Chiral unitary approach to the ρ couplings for the resonance. <i>Nuclear Physics A</i> , 2000 , 678, 187-211	1.3	48
240	Photoproduction of Σ baryon from the neutron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 579, 43-51	4.2	47
239	A Method to Unambiguously Determine the Parity of the Ω Pentaquark 2004 , 111, 291-293		45
238	QCD sum rule study of the masses of light tetraquark scalar mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 650, 369-372	4.2	43
237	Five-body calculation of resonance and scattering states of pentaquark system. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 633, 237-244	4.2	43
236	Y(2175) state in the QCD sum rule. <i>Physical Review D</i> , 2008 , 78,	4.9	42
235	Heavy quark symmetry in multihadron systems. <i>Physical Review D</i> , 2015 , 91,	4.9	40
234	$\Sigma(1520, 3/2^-)$ -photoproduction reaction via $\bar{N} \rightarrow K \Sigma(1520)$. <i>Physical Review D</i> , 2005 , 71,	4.9	40
233	Exotic tetraquark $uds\bar{c}$ of JP=0+ in the QCD sum rule. <i>Physical Review D</i> , 2006 , 74,	4.9	40

232	Chiral phase properties of finite size quark droplets in the Nambu–Jona-Lasinio model. <i>Physical Review D</i> , 2003 , 67,	4.9	40
231	Structure of charmed baryons studied by pionic decays. <i>Physical Review D</i> , 2017 , 95,	4.9	39
230	A new $N^*(1675)$ resonance in the $\bar{N} \rightarrow \bar{N}$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 253-258	4.2	39
229	Near-threshold $\Lambda(1520)$ production by the $\gamma(p) \rightarrow K^+ \Lambda(1520)$ reaction at forward K^+ angles. <i>Physical Review Letters</i> , 2010 , 104, 172001	7.4	38
228	Leading-twist pion and kaon distribution amplitudes from the QCD instanton vacuum. <i>Physical Review D</i> , 2006 , 74,	4.9	38
227	Vector meson-baryon dynamics and generation of resonances. <i>Physical Review D</i> , 2011 , 83,	4.9	36
226	Chiral properties of baryon fields with flavor $SU(3)$ symmetry. <i>Physical Review D</i> , 2008 , 78,	4.9	36
225	Decays of $12\bar{D}$ baryons in chiral effective theory. <i>Physical Review D</i> , 1998 , 57, 4124-4135	4.9	35
224	Study of exotic hadrons in S-wave scatterings induced by chiral interaction in the flavor symmetric limit. <i>Physical Review D</i> , 2007 , 75,	4.9	33
223	Hidden-charm and bottom meson-baryon molecules coupled with five-quark states. <i>Physical Review D</i> , 2017 , 96,	4.9	32
222	Breit-Wheeler process in very short electromagnetic pulses. <i>Physical Review A</i> , 2013 , 87,	2.6	32
221	Exotic mesons with double charm and bottom flavor. <i>Physical Review D</i> , 2012 , 86,	4.9	32
220	Scalar, axial-vector, and tensor resonances from the D^* , D^* interaction in the hidden gauge formalism. <i>Physical Review D</i> , 2009 , 80,	4.9	32
219	Chiral Sigma Model with Pion Mean Field in Finite Nuclei 2004 , 111, 75-92		31
218	Determining the \mathbb{H} quantum numbers through the $K+p \rightarrow \mathbb{H}K+n$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 579, 290-298	4.2	30
217	IGJPC= $1\mathbb{H}$ tetraquark states. <i>Physical Review D</i> , 2008 , 78,	4.9	29
216	Exotic baryons from a heavy meson and a nucleon: Positive parity states. <i>Physical Review D</i> , 2012 , 85,	4.9	28
215	Measurement of the $\mathbb{H}p \rightarrow K+\mathbb{H}$ reaction at backward angles. <i>Physical Review C</i> , 2007 , 76,	2.7	26

214	Pion-induced reactions for charmed baryons. <i>Progress of Theoretical and Experimental Physics</i> , 2014 , 2014, 103D01-103D01	5.4	25
213	Exotic hadrons in s-wave chiral dynamics. <i>Physical Review Letters</i> , 2006 , 97, 192002	7.4	25
212	Composite and elementary natures of $a_1(1260)$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	24
211	Searching for possible \bar{D} -like molecular states from meson-baryon interaction. <i>Physical Review D</i> , 2018 , 97,	4.9	23
210	Suppression of $\bar{N}N^*$ Coupling and Chiral Symmetry. <i>Physical Review Letters</i> , 1998 , 80, 448-451	7.4	23
209	Skyrmions and their interactions using the Atiyah-Manton construction. <i>Nuclear Physics A</i> , 1991 , 530, 507-531	1.3	23
208	Pc pentaquarks with chiral tensor and quark dynamics. <i>Physical Review D</i> , 2020 , 101,	4.9	22
207	Coupling of $K\bar{N}^*$ to the $\bar{\Sigma}(1520)$. <i>Physical Review C</i> , 2006 , 73,	2.7	22
206	Quark model estimate of hidden-charm pentaquark resonances. <i>Physical Review C</i> , 2018 , 98,	2.7	22
205	Coupled-channel analysis for γ photoproduction with $\bar{\Sigma}(1520)$. <i>Physical Review C</i> , 2009 , 80,	2.7	21
204	Theoretical support for the $\bar{\Sigma}(1300)$ and the recently claimed $f_0(1790)$ as molecular resonances. <i>Physical Review D</i> , 2011 , 84,	4.9	21
203	Negative parity \bar{D} and \bar{D}^* resonances coupled to pseudoscalar and vector mesons. <i>Physical Review D</i> , 2012 , 85,	4.9	21
202	Quantum loops in radiative decays of the \bar{D}^* . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 658, 17-26	4.2	21
201	Photoproduction of K^* for the study of $\bar{\Sigma}(1405)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 593, 75-81	4.2	21
200	Identifying the $\bar{B}(6227)$ and $\bar{B}(6097)$ as P-wave bottom baryons of $J^P=3/2^-$ <i>Physical Review D</i> , 2019 , 99,	4.9	20
199	Spin degeneracy in multi-hadron systems with a heavy quark. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 185-189	4.2	20
198	D-wave heavy baryons of the SU(3) flavor 6_F representation. <i>Physical Review D</i> , 2017 , 96,	4.9	20
197	Skyrmions and the nuclear force. <i>Physical Review Letters</i> , 1992 , 68, 3849-3852	7.4	20

196	Heavy hadronic molecules with pion exchange and quark core couplings: a guide for practitioners. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020 , 47, 053001	2.9	19
195	Prediction of triple-charm molecular pentaquarks. <i>Physical Review D</i> , 2017 , 96,	4.9	19
194	π photoproduction with coupled-channel effects. <i>Progress of Theoretical and Experimental Physics</i> , 2014 , 2014, 23D03-0	5.4	19
193	Baryon fields with $U_L(3) \times U_R(3)$ chiral symmetry: Axial currents of nucleons and hyperons. <i>Physical Review D</i> , 2010 , 81,	4.9	19
192	Decays and productions via bottomonium for Z_b resonances and other $BB\pi$ molecules. <i>Physical Review D</i> , 2012 , 86,	4.9	19
191	Determination of the carrier envelope phase for short, circularly polarized laser pulses. <i>Physical Review D</i> , 2016 , 93,	4.9	18
190	Role of vector and pseudoscalar mesons in understanding $1/2^- N^*$ and Λ resonances. <i>Physical Review D</i> , 2013 , 88,	4.9	18
189	Ξ production at high energy. <i>Physical Review C</i> , 2004 , 70,	2.7	18
188	Decay of Ξ in a quark model. <i>Physical Review D</i> , 2005 , 71,	4.9	18
187	Meson properties at finite density in an extended Nambu-Jona-Lasinio model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 244, 363-367	4.2	18
186	Quarks, Baryons and Chiral Symmetry 2001 ,		18
185	Thermal properties and evolution of the $U_A(1)$ factor for 2+1 flavors. <i>Physical Review D</i> , 2016 , 94,	4.9	16
184	Heavy molecules and one- π exchange model. <i>Physical Review D</i> , 2017 , 96,	4.9	16
183	Exotic dibaryons with a heavy antiquark. <i>Nuclear Physics A</i> , 2014 , 927, 110-118	1.3	16
182	Hadronic molecules for charmed and bottom baryons near thresholds. <i>Physical Review D</i> , 2013 , 87,	4.9	16
181	CHIRAL PROPERTIES OF BARYON INTERPOLATING FIELDS. <i>Modern Physics Letters A</i> , 2008 , 23, 2381-2384.	4.3	16
180	Suppression of π . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 633, 483-487	4.2	16
179	Chiral bag with vector mesons. <i>Nuclear Physics A</i> , 1990 , 506, 501-531	1.3	16

178	Chiral bag plus skyrmion hybrid model for nucleons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 167, 153-156	4.2	16
177	Charged K^* photoproduction in a Regge model. <i>Physical Review C</i> , 2010 , 81,	2.7	15
176	Heavy pentaquark states $P_c(4380)$ and $P_c(4450)$ in the J/ψ production induced by pion beams off the nucleon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 763, 358-364	4.2	15
175	Light scalar meson $f_0(500)$ in QCD sum rule with continuum. <i>Physical Review D</i> , 2010 , 81,	4.9	14
174	Baryon fields with $U_L(3) \times U_R(3)$ chiral symmetry. III. Interactions with chiral $[(3,3) \times (3,3)]$ spinless mesons. <i>Physical Review D</i> , 2011 , 83,	4.9	14
173	Quark droplets with chiral symmetry in the Nambu-Jona-Lasinio model. <i>Physical Review D</i> , 2006 , 74,	4.9	14
172	Nucleons as Skyrmions. <i>Annual Review of Nuclear and Particle Science</i> , 1992 , 42, 333-365	15.7	14
171	Two skyrmion interaction for the Atiyah-Manton ansatz. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 251, 1-5	4.2	14
170	Elementarity of composite systems. <i>Physical Review C</i> , 2014 , 90,	2.7	13
169	Decays of $Z_b \rightarrow \psi$ via triangle diagrams in heavy meson molecules. <i>Physical Review D</i> , 2014 , 89,	4.9	13
168	Baryon fields with $U_L(3) \times U_R(3)$ chiral symmetry. IV. Interactions with chiral $(8,1) \times (1,8)$ vector and axial-vector mesons and anomalous magnetic moments. <i>Physical Review C</i> , 2012 , 85,	2.7	13
167	$IGJPC=0+1$ tetraquark state. <i>Physical Review D</i> , 2008 , 78,	4.9	13
166	Chiral properties of baryon interpolating fields. <i>European Physical Journal C</i> , 2008 , 57, 557-567	4.2	13
165	Quantum processes in short and intensive electromagnetic fields. <i>Physics of Particles and Nuclei</i> , 2016 , 47, 456-487	0.7	13
164	Exotic triple-charm deuteronlike hexaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	13
163	K^* photoproduction off the proton target with baryon resonances. <i>Physical Review D</i> , 2013 , 88,	4.9	12
162	Test of the reaction mechanism for $\bar{N} \rightarrow K \Lambda(1520)$ using the polarized photon. <i>Physical Review D</i> , 2007 , 75,	4.9	12
161	G-matrix elements with effective masses for mesons and nucleons. <i>Nuclear Physics A</i> , 1991 , 529, 429-444.	1.3	12

160	Regge behaviors in orbitally excited spectroscopy of charmed and bottom baryons. <i>Physical Review D</i> , 2020 , 101,	4.9	12
159	Production of strange and charmed baryons in pion induced reactions. <i>Physical Review D</i> , 2015 , 92,	4.9	11
158	Strategies for an accurate determination of the X(3872) energy from QCD lattice simulations. <i>Physical Review D</i> , 2014 , 89,	4.9	11
157	NUCLEON AXIAL COUPLINGS AND $[(\frac{1}{2}, 0) \oplus (0, \frac{1}{2})] - [(1, \frac{1}{2}) \oplus (\frac{1}{2}, 1)]$ CHIRAL MULTIPLET MIXING. <i>Modern Physics Letters A</i> , 2010 , 25, 233-242	1.3	11
156	Magnetic interaction induced by the anomaly in kaon-photoproductions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 665, 178-181	4.2	11
155	Path-integral hadronization for the nucleon and its interactions. <i>Physical Review C</i> , 2002 , 66,	2.7	11
154	Systematics of the SU(3) Baryon Spectra and Deformed Oscillator Quark Model 1999 , 101, 1271-1283		11
153	Decay properties of P-wave bottom baryons within light-cone sum rules. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	11
152	Baryon fields with $U_L(3) \times U_R(3)$ chiral symmetry. V. Pion-nucleon and kaon-nucleon π terms. <i>Physical Review C</i> , 2016 , 93,	2.7	10
151	Effects of $N(2000)5/2+$, $N(2060)5/2-$, $N(2120)3/2-$ and $N(2190)7/2-$ on K^* photoproduction. <i>Physical Review D</i> , 2014 , 90,	4.9	10
150	Laser pulse-shape dependence of Compton scattering. <i>European Physical Journal D</i> , 2014 , 68, 1	1.3	10
149	meson photoproduction and N^* resonances. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2009 , 36, 015008	2.9	10
148	Meson-Induced Pentaquark Productions 2012 , 128, 523-531		10
147	Phenomenology of spin 3/2 baryons with pentaquarks. <i>Physical Review D</i> , 2005 , 71,	4.9	9
146	Structure of the Nuclear Force in a Chiral Quark-Diquark Model 2004 , 111, 857-870		9
145	Landau-Migdal Parameters $g_{\pi N}$, $g_{\pi \Delta}$ and $g_{\sigma N}$ in the χ - χ Model 1986 , 76, 1306-1320		9
144	The generator coordinate spin and isospin projection in the chiral bag plus skyrmion hybrid model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 188, 301-306	4.2	9
143	Stable double-heavy tetraquarks: Spectrum and structure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 814, 136095	4.2	9

142 K^0 and D^0 production induced by pion beams off the nucleon. *Physical Review D*, **2016**, 94, 4.9 8

141 Compact ssscc pentaquark states predicted by a quark model. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2019**, 798, 135028 4.2 8

140 Three-Body Decay of $\Sigma^*(2595)$ and $\Sigma^*(2625)$ with consideration of $\Lambda(2455)$ and $\Sigma^*(2520)$ in intermediate States. *Physical Review D*, **2017**, 95, 4.9 8

139 Extended relativistic chiral mean field model for nuclear matter. *Physical Review C*, **2009**, 79, 2.7 8

138 Mass of the nucleon in a chiral quark-diquark model. *Physical Review C*, **2005**, 72, 2.7 8

137 Phenomenological study of two-meson couplings of Λ . *Physical Review C*, **2005**, 72, 2.7 8

136 Nature of $\Lambda(1405)$. *Physical Review C*, **2000**, 62, 2.7 8

135 Roper-like resonances with various flavor contents and their two-pion emission decays. *Physical Review D*, **2020**, 101, 4.9 8

134 N^*N AND Λ GENERATED IN VECTOR, PSEUDOSCALAR MESON-BARYON SYSTEMS. *International Journal of Modern Physics Conference Series*, **2014**, 26, 1460060 0.7 7

133 Mesonic and nucleon fluctuation effects at finite baryon density. *Physical Review D*, **2017**, 95, 4.9 7

132 Decay of vector-vector resonances into Λ and a pseudoscalar meson. *Physical Review D*, **2011**, 83, 4.9 7

131 Neutrino pair emission off electrons in a strong electromagnetic wave field. *Physical Review D*, **2011**, 83, 4.9 7

130 πN and $\pi\pi N$ couplings of the $\Delta(1232)$ and its chiral partners. *Physical Review Letters*, **2008**, 101, 092001 7.4 7

129 Two-meson cloud contribution to the baryon antidecuplet binding. *Physical Review C*, **2005**, 71, 2.7 7

128 The g_A problem in the chiral bag model. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1994**, 322, 1-6 4.2 7

127 The ΛN^* coupling in the Skyrme model. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1992**, 293, 23-26 4.2 7

126 Spin content of the nucleon in the chiral bag. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1989**, 232, 442-446 4.2 7

125 $\Lambda(1405, 1/2^-)$ Photoproduction from the $\gamma p \rightarrow K^+ \Lambda(1405)$ Reaction. *Journal of the Korean Physical Society*, **2011**, 59, 2676-2683 0.6 7

124	Excited (Ω_{cb}) baryons and fine structure of strong interaction. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
123	Differential cross section and photon-beam asymmetry for the $\bar{p} \rightarrow \bar{n} \pi^0$ reaction at forward angles at $\sqrt{s} = 1.52$ GeV. <i>Physical Review C</i> , 2018 , 97,	2.7	7
122	Kaon-Nucleon systems and their interactions in the Skyrme model. <i>Physical Review D</i> , 2016 , 94,	4.9	6
121	Mass formula for light nonstrange mesons and Regge trajectories in quark model. <i>International Journal of Modern Physics A</i> , 2017 , 32, 1750153	1.2	6
120	Negative parity baryons in the QCD sum rule. <i>Nuclear Physics A</i> , 1998 , 629, 156-159	1.3	6
119	Threshold production of the $\bar{\Lambda}$ in a polarized proton reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 602, 180-184	4.2	6
118	Electromagnetic transitions of excited baryons in a deformed oscillator quark model. <i>Nuclear Physics A</i> , 2000 , 678, 147-174	1.3	6
117	Spin and Isospin Projection in the Chiral Bag plus Skyrmion Hybrid Model 1987 , 78, 857-877		6
116	expansion in the chiral soliton model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 207, 249-252	4.2	6
115	Three-body decay of $\bar{\Lambda}^*(2595)$ and $\bar{\Lambda}^*(2625)$ with the inclusion of a direct two-pion coupling. <i>Physical Review D</i> , 2018 , 98,	4.9	6
114	Meson-baryon nature of the $\Lambda(1405)$ in chiral dynamics. <i>Nuclear Physics A</i> , 2010 , 835, 402-405	1.3	5
113	SCALAR TETRAQUARK CURRENTS WITH APPLICATION TO THE QCD SUM RULE. <i>Modern Physics Letters A</i> , 2008 , 23, 2234-2237	1.3	5
112	Chiral symmetry breaking and stability of strangelets. <i>Physical Review D</i> , 2005 , 71,	4.9	5
111	Chiral Symmetry Aspects of Positive and Negative Parity Baryons. <i>Progress of Theoretical Physics Supplement</i> , 2003 , 149, 203-214		5
110	Publisher's Note: Phenomenological study of two-meson couplings of $\bar{\Lambda}$ [Phys. Rev. C 72, 055202 (2005)]. <i>Physical Review C</i> , 2005 , 72,	2.7	5
109	Mass dependence of M3Y-type interactions and the effects of tensor correlations. <i>Physical Review C</i> , 2002 , 66,	2.7	5
108	Chapter VII. Chiral Bag Model. <i>Progress of Theoretical Physics Supplement</i> , 1992 , 109, 137-159		5
107	On the Axial Coupling g_A at Large Bag Radius in the Chiral Bag plus Skyrmion Hybrid Model for Nucleons 1986 , 76, 315-317		5

106	On the Central-Odd Components in the G-Matrix Interactions and the Low Energy (p, p) and (p, n) Reactions 1985 , 73, 1165-1171		5
105	Axial anomaly and hadronic properties in a nuclear medium. <i>Physical Review D</i> , 2018 , 98,	4.9	5
104	Search of QCD phase transition points in the canonical approach of the NJL model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 795, 548-553	4.2	4
103	Composite and elementary nature of a resonance in the χ model. <i>Physical Review C</i> , 2013 , 88,	2.7	4
102	STRUCTURE OF THE NUCLEON AND ROPER RESONANCE WITH DIQUARK CORRELATIONS. <i>Modern Physics Letters A</i> , 2008 , 23, 2397-2400	1.3	4
101	$\chi(1405)$ IN CHIRAL SU(3) DYNAMICS. <i>Modern Physics Letters A</i> , 2008 , 23, 2393-2396	1.3	4
100	BARYON SPECTRA IN DEFORMED OSCILLATOR QUARK MODEL. <i>Modern Physics Letters A</i> , 1998 , 13, 1699-1707	1.3	4
99	Higher order corrections to spin-isospin quantities in the chiral bag model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 343, 1-6	4.2	4
98	Omega stabilized chiral bag model with a surface $\bar{q}q$ coupling. <i>Nuclear Physics A</i> , 1992 , 546, 493-508	1.3	4
97	Differential Cross Section and Photon-Beam Asymmetry for the $\bar{p} \rightarrow \bar{n} \pi^{++}(1232)$ Reaction at Forward θ^* Angles for $E_{\gamma} = 1.5-2.95$ GeV. <i>Physical Review Letters</i> , 2018 , 120, 202004	7.4	4
96	Why $\chi(1690)$ and $\chi(120)$ are so narrow. <i>Physical Review D</i> , 2018 , 97,	4.9	3
95	Production and decay of charmed baryons. <i>Nuclear Physics A</i> , 2016 , 954, 341-351	1.3	3
94	χ and χ resonances coupled to vector and pseudoscalar mesons. <i>Nuclear Physics A</i> , 2013 , 914, 300-304	1.3	3
93	Effect of the final state interaction of $\bar{N}N$ on the π photoproduction off the nucleon. <i>Physical Review C</i> , 2017 , 95,	2.7	3
92	Kaon-nucleon scattering states and potentials in the Skyrme model. <i>Physical Review D</i> , 2017 , 96,	4.9	3
91	Skyrmions with holography and hidden local symmetry. <i>Physical Review D</i> , 2009 , 79,	4.9	3
90	THE STRUCTURE OF N(1535) IN THE ASPECT OF CHIRAL SYMMETRY. <i>Modern Physics Letters A</i> , 2008 , 23, 2389-2392	1.3	3
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