

Atsushi Hosaka

List of Publications by Year in Descending Order

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

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	Doubly heavy tetraquark resonant states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022 , 824, 136800	4.2	1
266	Relativistic corrections to decays of heavy baryons in the quark model. <i>Physical Review D</i> , 2021 , 103,	4.9	2
265	Heavy Hadronic Molecules Coupled with Multi-quark States. <i>Few-Body Systems</i> , 2021 , 62, 1	1.6	
264	Two-Pion Emission Decay of Roper-Like Heavy Baryons. <i>Few-Body Systems</i> , 2021 , 62, 1	1.6	0
263	Heavy Baryons in Holographic QCD Using Higher Dimensional Degrees of Freedom. <i>Few-Body Systems</i> , 2021 , 62, 1	1.6	
262	Classifying Near-Threshold Enhancement Using Deep Neural Network. <i>Few-Body Systems</i> , 2021 , 62, 1	1.6	0
261	Decay properties of $N^*(1895)$. <i>Physical Review D</i> , 2021 , 103,	4.9	2
260	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
259	Decay properties of Roper resonance in the holographic QCD. <i>Physical Review D</i> , 2021 , 104,	4.9	1
258	Prediction of Double-heavy Tetraquarks Bound States in Quark Model. <i>Few-Body Systems</i> , 2021 , 62, 1	1.6	
257	X(3872) Revisited: The Roles of OPEP and the Quark Degrees of Freedom. <i>Few-Body Systems</i> , 2021 , 62, 1	1.6	
256	Pion Induced Productions for the Study of Heavy Baryons. <i>Few-Body Systems</i> , 2021 , 62, 1	1.6	
255	Use of the canonical approach in effective models of QCD. <i>Physical Review D</i> , 2020 , 102,	4.9	1
254	Pc pentaquarks with chiral tensor and quark dynamics. <i>Physical Review D</i> , 2020 , 101,	4.9	22
253	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
252	$\Lambda(1405)$ as a $K\bar{N}$ Feshbach resonance in the Skyrme model. <i>Physical Review D</i> , 2020 , 102,	4.9	3
251	Decay properties of P-wave bottom baryons within light-cone sum rules. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	11

250	Hidden-Charm and Bottom Meson-Baryon Molecules Coupled with Five-Quark States. <i>Springer Proceedings in Physics</i> , 2020 , 621-627	0.2	0
249	Short Range ($\pi J/\psi - D\bar{D}^*$) Potential Described by the Quark Exchange Diagram. <i>Springer Proceedings in Physics</i> , 2020 , 629-633	0.2	
248	Feasibility study of the $K+d \rightarrow K0pp$ reaction for the Ξ pentaquark. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	1
247	Heavy baryons in holographic QCD with higher dimensional degrees of freedom. <i>Physical Review D</i> , 2020 , 101,	4.9	3
246	Regge behaviors in orbitally excited spectroscopy of charmed and bottom baryons. <i>Physical Review D</i> , 2020 , 101,	4.9	12
245	Heavy baryon production with an instanton interaction. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	1
244	Three-body decay of $\Xi^*(2765)$ and determination of its spin-parity. <i>Physical Review D</i> , 2020 , 101,	4.9	3
243	Roper-like resonances with various flavor contents and their two-pion emission decays. <i>Physical Review D</i> , 2020 , 101,	4.9	8
242	Classifying the pole of an amplitude using a deep neural network. <i>Physical Review D</i> , 2020 , 102,	4.9	2
241	Excited (\varOmega_b) baryons and fine structure of strong interaction. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
240	$\Xi/\Omega DD^*$ potential described by the quark exchange diagram. <i>EPJ Web of Conferences</i> , 2019 , 204, 01007	0.3	
239	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
238	Identifying the $\Xi(6227)$ and $\Xi(6097)$ as P-wave bottom baryons of $JP=3/2^-$ <i>Physical Review D</i> , 2019 , 99,	4.9	20
237	Vector and Axial-vector form factors in radiative kaon decay and flavor SU(3) symmetry breaking. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 795, 438-445	4.2	2
236	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
235	Compact ssscc pentaquark states predicted by a quark model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 798, 135028	4.2	8
234	The Research Center for Nuclear Physics at Osaka University. <i>Nuclear Physics News</i> , 2019 , 29, 4-9	0.7	1
233	Regge-Like Mass Relation of Singly Heavy Hadrons 2019 ,		1

232	Searching for possible \bar{B} -like molecular states from meson-baryon interaction. <i>Physical Review D</i> , 2018 , 97,	4.9	23
231	Why $\bar{B}(1690)$ and $\bar{B}(120)$ are so narrow. <i>Physical Review D</i> , 2018 , 97,	4.9	3
230	Multistrange Meson-Baryon Dynamics and Resonance Generation. <i>Few-Body Systems</i> , 2018 , 59, 1	1.6	
229	Three-body decay of $\bar{B}^*(2595)$ and $\bar{B}^*(2625)$ with the inclusion of a direct two-pion coupling. <i>Physical Review D</i> , 2018 , 98,	4.9	6
228	Quark model estimate of hidden-charm pentaquark resonances. <i>Physical Review C</i> , 2018 , 98,	2.7	22
227	Exotic triple-charm deuteronlike hexaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	13
226	Axial anomaly and hadronic properties in a nuclear medium. <i>Physical Review D</i> , 2018 , 98,	4.9	5
225	Differential cross section and photon-beam asymmetry for the $\bar{p} \rightarrow \bar{n}$ reaction at forward θ angles at $E_{\gamma}=1.5\text{--}2.95$ GeV. <i>Physical Review C</i> , 2018 , 97,	2.7	7
224	Differential Cross Section and Photon-Beam Asymmetry for the $\bar{p} \rightarrow \bar{n} \pi^{++}(1232)$ Reaction at Forward θ Angles for $E_{\gamma}=1.5\text{--}2.95$ GeV. <i>Physical Review Letters</i> , 2018 , 120, 202004	7.4	4
223	D-Wave Heavy Baryons from QCD Sum Rules. <i>International Journal of Modern Physics Conference Series</i> , 2018 , 46, 1860083	0.7	0
222	Heavy hadrons in nuclear matter. <i>Progress in Particle and Nuclear Physics</i> , 2017 , 96, 88-153	10.6	56
221	Structure of charmed baryons studied by pionic decays. <i>Physical Review D</i> , 2017 , 95,	4.9	39
220	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
219	Effect of the final state interaction of \bar{N} on the \bar{N} photoproduction off the nucleon. <i>Physical Review C</i> , 2017 , 95,	2.7	3
218	Mesonic and nucleon fluctuation effects at finite baryon density. <i>Physical Review D</i> , 2017 , 95,	4.9	7
217	Three-Body Decay of $\bar{B}^*(2595)$ and $\bar{B}^*(2625)$ with consideration of $\bar{B}(2455)$ and $\bar{B}^*(2520)$ intermediate States. <i>Physical Review D</i> , 2017 , 95,	4.9	8
216	Hidden-charm and bottom meson-baryon molecules coupled with five-quark states. <i>Physical Review D</i> , 2017 , 96,	4.9	32
215	D-wave heavy baryons of the SU(3) flavor 6F representation. <i>Physical Review D</i> , 2017 , 96,	4.9	20

214	Heavy molecules and one- π -exchange model. <i>Physical Review D</i> , 2017 , 96,	4.9	16
213	Kaon-nucleon scattering states and potentials in the Skyrme model. <i>Physical Review D</i> , 2017 , 96,	4.9	3
212	Decay properties of P-wave charmed baryons from light-cone QCD sum rules. <i>Physical Review D</i> , 2017 , 95,	4.9	65
211	Prediction of triple-charm molecular pentaquarks. <i>Physical Review D</i> , 2017 , 96,	4.9	19
210	$K0^*$ and $D0^*$ production induced by pion beams off the nucleon. <i>Physical Review D</i> , 2016 , 94,	4.9	8
209	Baryon fields with $U(3) \times R(3)$ chiral symmetry. V. Pion-nucleon and kaon-nucleon π terms. <i>Physical Review C</i> , 2016 , 93,	2.7	10
208	Determination of the carrier envelope phase for short, circularly polarized laser pulses. <i>Physical Review D</i> , 2016 , 93,	4.9	18
207	Kaon-Nucleon systems and their interactions in the Skyrme model. <i>Physical Review D</i> , 2016 , 94,	4.9	6
206	Thermal properties and evolution of the UA(1) factor for 2+1 flavors. <i>Physical Review D</i> , 2016 , 94,	4.9	16
205	D-wave charmed and bottomed baryons from QCD sum rules. <i>Physical Review D</i> , 2016 , 94,	4.9	49
204	Production and decay of charmed baryons. <i>Nuclear Physics A</i> , 2016 , 954, 341-351	1.3	3
203	Decays of doubly charmed meson molecules 2016 ,		1
202	Exotic hadrons with heavy flavors: X, Y, Z, and related states. <i>Progress of Theoretical and Experimental Physics</i> , 2016 , 2016,	5.4	102
201	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
200	Quantum processes in short and intensive electromagnetic fields. <i>Physics of Particles and Nuclei</i> , 2016 , 47, 456-487	0.7	13
199	P-wave charmed baryons from QCD sum rules. <i>Physical Review D</i> , 2015 , 91,	4.9	67
198	Heavy quark symmetry in multihadron systems. <i>Physical Review D</i> , 2015 , 91,	4.9	40
197	Production of strange and charmed baryons in pion induced reactions. <i>Physical Review D</i> , 2015 , 92,	4.9	11

196	QCD sum rule calculation for P-wave bottom baryons. <i>Physical Review D</i> , 2015 , 92,	4.9	50
195	Spectrum of heavy baryons in the quark model. <i>Physical Review D</i> , 2015 , 92,	4.9	116
194	Λ N photoproduction coupled with the K^* channel. <i>Few-Body Systems</i> , 2014 , 55, 787-790	1.6	
193	Chiral Structure of Baryon and Scalar Tetraquark Currents. <i>EPJ Web of Conferences</i> , 2014 , 66, 06004	0.3	
192	N^* AND Λ GENERATED IN VECTOR, PSEUDOSCALAR MESON-BARYON SYSTEMS. <i>International Journal of Modern Physics Conference Series</i> , 2014 , 26, 1460060	0.7	7
191	\bar{D} and B nuclei with one pion exchange potential. <i>International Journal of Modern Physics Conference Series</i> , 2014 , 29, 1460226	0.7	
190	Study of nucleon resonances in the photoproduction $\bar{p} \rightarrow K^* + \pi$ <i>International Journal of Modern Physics Conference Series</i> , 2014 , 29, 1460245	0.7	
189	PHOTOPRODUCTION OF PHI MESON NEAR THE THRESHOLD. <i>International Journal of Modern Physics Conference Series</i> , 2014 , 26, 1460055	0.7	2
188	Pion-induced reactions for charmed baryons. <i>Progress of Theoretical and Experimental Physics</i> , 2014 , 2014, 103D01-103D01	5.4	25
187	Elementarity of composite systems. <i>Physical Review C</i> , 2014 , 90,	2.7	13
186	π photoproduction with coupled-channel effects. <i>Progress of Theoretical and Experimental Physics</i> , 2014 , 2014, 23D03-0	5.4	19
185	Effects of $N(2000)5/2^+$, $N(2060)5/2^-$, $N(2120)3/2^-$ and $N(2190)7/2^-$ on $K^* \pi$ photoproduction. <i>Physical Review D</i> , 2014 , 90,	4.9	10
184	Laser pulse-shape dependence of Compton scattering. <i>European Physical Journal D</i> , 2014 , 68, 1	1.3	10
183	Strategies for an accurate determination of the X(3872) energy from QCD lattice simulations. <i>Physical Review D</i> , 2014 , 89,	4.9	11
182	Decays of $Z_b \rightarrow \Lambda$ via triangle diagrams in heavy meson molecules. <i>Physical Review D</i> , 2014 , 89,	4.9	13
181	Exotic dibaryons with a heavy antiquark. <i>Nuclear Physics A</i> , 2014 , 927, 110-118	1.3	16
180	Exotic Mesons with Hidden Bottom Near Thresholds. <i>Few-Body Systems</i> , 2013 , 54, 1019-1022	1.6	1
179	Doubly Charmed Exotic Mesons. <i>Few-Body Systems</i> , 2013 , 54, 1023-1026	1.6	1

178	Exotic Baryons from a Heavy Meson and a Nucleon. <i>Few-Body Systems</i> , 2013 , 54, 1051-1054	1.6	
177	Dynamically Generated Resonances from Two Vectors in the Charm Sector and their Decays. <i>Few-Body Systems</i> , 2013 , 54, 1259-1262	1.6	
176	Contribution of N^* and Δ Resonances in $(\{K^*\Sigma\})$ (1190) Photoproduction. <i>Few-Body Systems</i> , 2013 , 54, 1499-1502	1.6	
175	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
174	Δ and Σ resonances coupled to vector and pseudoscalar mesons. <i>Nuclear Physics A</i> , 2013 , 914, 300-304	1.3	3
173	Composite and Elementary Components in Hadron Resonances. <i>Few-Body Systems</i> , 2013 , 54, 19-24	1.6	
172	Few Body Systems Made of Pseudoscalars. <i>Few-Body Systems</i> , 2013 , 54, 333-337	1.6	
171	Resonances Generated by the Vector Meson-Baryon Dynamics. <i>Few-Body Systems</i> , 2013 , 54, 343-346	1.6	
170	Role of vector and pseudoscalar mesons in understanding $1/2[N^*$ and Δ resonances. <i>Physical Review D</i> , 2013 , 88,	4.9	18
169	Complex 2D matrix model and geometrical map on the complex- N_c plane. <i>Progress of Theoretical and Experimental Physics</i> , 2013 , 2013,	5.4	1
168	Breit-Wheeler process in very short electromagnetic pulses. <i>Physical Review A</i> , 2013 , 87,	2.6	32
167	Hadronic molecules for charmed and bottom baryons near thresholds. <i>Physical Review D</i> , 2013 , 87,	4.9	16
166	$K^*\Delta$ photoproduction off the proton target with baryon resonances. <i>Physical Review D</i> , 2013 , 88,	4.9	12
165	Composite and elementary nature of a resonance in the χ model. <i>Physical Review C</i> , 2013 , 88,	2.7	4
164	Recent Status of the Chiral Bag Model. <i>Progress of Theoretical Physics Supplement</i> , 2013 , 120, 305-312		
163	A hidden local symmetry approach to rho-meson photoproduction. <i>European Physical Journal A</i> , 2012 , 48, 1	2.5	1
162	Exotic baryons from a heavy meson and a nucleon: Positive parity states. <i>Physical Review D</i> , 2012 , 85,	4.9	28
161	Compositeness of dynamically generated states in a chiral unitary approach. <i>Physical Review C</i> , 2012 , 85,	2.7	83

160	Exotic mesons with hidden bottom near thresholds. <i>Physical Review D</i> , 2012 , 86,	4.9	49
159	Baryon fields with $U(3) \times U(3)$ chiral symmetry. IV. Interactions with chiral $(8,1) \oplus (1,8)$ vector and axial-vector mesons and anomalous magnetic moments. <i>Physical Review C</i> , 2012 , 85,	2.7	13
158	Negative parity Λ and Σ resonances coupled to pseudoscalar and vector mesons. <i>Physical Review D</i> , 2012 , 85,	4.9	21
157	Enhanced subthreshold $e^+ e^-$ production in short laser pulses. <i>Physical Review Letters</i> , 2012 , 108, 240406	7.4	74
156	Decays and productions via bottomonium for Z_b resonances and other $BB\bar{c}$ molecules. <i>Physical Review D</i> , 2012 , 86,	4.9	19
155	Exotic mesons with double charm and bottom flavor. <i>Physical Review D</i> , 2012 , 86,	4.9	32
154	Meson-Induced Pentaquark Productions 2012 , 128, 523-531		10
153	Thermodynamics of Quantum Ultra-Cold Neutron Gas under Gravity of the Earth 2012 , 128, 533-539		0
152	Vector- and Pseudoscalar-baryon coupled channel systems. <i>Journal of Physics: Conference Series</i> , 2012 , 374, 012007	0.3	
151	Hadronic molecules in chiral dynamics. <i>Journal of Physics: Conference Series</i> , 2011 , 302, 012053	0.3	
150	Vector meson-baryon interaction to study dynamical generation of resonances 2011 ,		1
149	Decay of vector-vector resonances into Λ and a pseudoscalar meson. <i>Physical Review D</i> , 2011 , 83,	4.9	7
148	Theoretical support for the $\Omega(1300)$ and the recently claimed $f_0(1790)$ as molecular resonances. <i>Physical Review D</i> , 2011 , 84,	4.9	21
147	Exotic baryons from a heavy meson and a nucleon: Negative parity states. <i>Physical Review D</i> , 2011 , 84,	4.9	58
146	Coupling vector and pseudoscalar mesons to study baryon resonances. <i>Physical Review D</i> , 2011 , 84,	4.9	50
145	Neutrino pair emission off electrons in a strong electromagnetic wave field. <i>Physical Review D</i> , 2011 , 83,	4.9	7
144	Vector meson-baryon dynamics and generation of resonances. <i>Physical Review D</i> , 2011 , 83,	4.9	36
143	Baryon fields with $U(3) \times U(3)$ chiral symmetry. III. Interactions with chiral $[(3,3) \oplus (3\bar{3})]$ spinless mesons. <i>Physical Review D</i> , 2011 , 83,	4.9	14

142	Composite and elementary natures of $a_1(1260)$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	24
141	$\pi^+(1405, 1/2^-)$ Photoproduction from the $\pi^+ p \rightarrow K^+ \pi^+(1405)$ Reaction. <i>Journal of the Korean Physical Society</i> , 2011 , 59, 2676-2683	0.6	7
140	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
139	Charged K^* photoproduction in a Regge model. <i>Physical Review C</i> , 2010 , 81,	2.7	15
138	NUCLEON AXIAL COUPLINGS AND $[(\frac{1}{2}, 0) \otimes (0, \frac{1}{2})] - [(\frac{1}{2}, \frac{1}{2}) \otimes (\frac{1}{2}, 1)]$ CHIRAL MULTIPLY MIXING. <i>Modern Physics Letters A</i> , 2010 , 25, 233-242	1.3	11
137	Compositeness of bound states in chiral unitary approach 2010 ,		2
136	Baryon fields with $U(3) \times R(3)$ chiral symmetry: Axial currents of nucleons and hyperons. <i>Physical Review D</i> , 2010 , 81,	4.9	19
135	Light scalar meson $f_0(500)$ in QCD sum rule with continuum. <i>Physical Review D</i> , 2010 , 81,	4.9	14
134	π^+ Photoproduction in a Coupled-Channel Approach. <i>Nuclear Physics A</i> , 2010 , 835, 321-324	1.3	
133	Meson-baryon nature of the $\pi(1405)$ in chiral dynamics. <i>Nuclear Physics A</i> , 2010 , 835, 402-405	1.3	5
132	Extended relativistic chiral mean field model for nuclear matter. <i>Physical Review C</i> , 2009 , 79,	2.7	8
131	Coupled-channel analysis for π^+ photoproduction with $\pi(1520)$. <i>Physical Review C</i> , 2009 , 80,	2.7	21
130	η meson photoproduction and N^* resonances. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2009 , 36, 015008	2.9	10
129	Reaction dynamics for photoproductions of baryon resonances. <i>Chinese Physics C</i> , 2009 , 33, 1167-1174	2.2	
128	Skyrmions with holography and hidden local symmetry. <i>Physical Review D</i> , 2009 , 79,	4.9	3
127	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
126	Hidden gauge formalism for the radiative decays of axial-vector mesons. <i>Physical Review D</i> , 2009 , 79,	4.9	83
125	IGJPC= 1^{++} tetraquark states. <i>Physical Review D</i> , 2008 , 78,	4.9	29

124	Y(2175) state in the QCD sum rule. <i>Physical Review D</i> , 2008 , 78,	4.9	42
123	Chiral properties of baryon fields with flavor SU(3) symmetry. <i>Physical Review D</i> , 2008 , 78,	4.9	36
122	IGJPC=0+1 $\mathbb{1}$ tetraquark state. <i>Physical Review D</i> , 2008 , 78,	4.9	13
121	Bottom baryons. <i>Physical Review D</i> , 2008 , 77,	4.9	84
120	THE ROLE OF THE QCD ANOMALY IN KAON PHOTOPRODUCTION. <i>Modern Physics Letters A</i> , 2008 , 23, 2325-2328	1.3	1
119	SCALAR TETRAQUARK CURRENTS WITH APPLICATION TO THE QCD SUM RULE. <i>Modern Physics Letters A</i> , 2008 , 23, 2234-2237	1.3	5
118	CHIRAL PROPERTIES OF BARYON INTERPOLATING FIELDS. <i>Modern Physics Letters A</i> , 2008 , 23, 2381-2384.	4.3	16
117	STRUCTURE OF THE NUCLEON AND ROPER RESONANCE WITH DIQUARK CORRELATIONS. <i>Modern Physics Letters A</i> , 2008 , 23, 2397-2400	1.3	4
116	$\mathbb{1}(1405)$ IN CHIRAL SU(3) DYNAMICS. <i>Modern Physics Letters A</i> , 2008 , 23, 2393-2396	1.3	4
115	THE STRUCTURE OF N(1535) IN THE ASPECT OF CHIRAL SYMMETRY. <i>Modern Physics Letters A</i> , 2008 , 23, 2389-2392	1.3	3
114	Origin of resonances in the chiral unitary approach. <i>Physical Review C</i> , 2008 , 78,	2.7	128
113	πN and $\pi\pi N$ couplings of the Delta(1232) and its chiral partners. <i>Physical Review Letters</i> , 2008 , 101, 092001	7.4	7
112	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
111	Chiral properties of baryon interpolating fields. <i>European Physical Journal C</i> , 2008 , 57, 557-567	4.2	13
110	A new nucleon resonance in $\mathbb{1}$ photoproduction 2008 , 185-187		
109	Light scalar tetraquark mesons in the QCD sum rule. <i>Physical Review D</i> , 2007 , 76,	4.9	57
108	Test of the reaction mechanism for $N \rightarrow K\mathbb{1}(1520)$ using the polarized photon. <i>Physical Review D</i> , 2007 , 75,	4.9	12
107	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

106	Quantum loops in radiative decays of the $\Lambda(1520)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 658, 17-26	4.2	21
105	Measurement of the $\Lambda \rightarrow p \rightarrow K^+ \pi^-$ reaction at backward angles. <i>Physical Review C</i> , 2007 , 76,	2.7	26
104	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
103	Role of Chiral Symmetries for Baryons. <i>Progress of Theoretical Physics Supplement</i> , 2007 , 168, 482-485		
102	Light Scalar Mesons in the QCD Sum Rule. <i>Progress of Theoretical Physics Supplement</i> , 2007 , 168, 186-189		1
101	Study of Exotic Hadrons ins-Wave Chiral Dynamics. <i>Progress of Theoretical Physics Supplement</i> , 2007 , 168, 32-35		3
100	Structure and reactions of pentaquark baryons 2006 , 66, 625-645		3
99	Two nucleon states in a chiral quark-diquark model. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 32, 777-786	2.9	3
98	Exotic hadrons in s-wave chiral dynamics. <i>Physical Review Letters</i> , 2006 , 97, 192002	7.4	25
97	Pentaquark Θ production via $\Lambda \rightarrow K^* \Theta$ ($3/2^+$). <i>Physical Review C</i> , 2006 , 74,	2.7	2
96	Coupling of $K^* N$ to the $\Lambda(1520)$. <i>Physical Review C</i> , 2006 , 73,	2.7	22
95	CHIRAL SYMMETRY BREAKING AND STABILITY OF QUARK DROPLETS. <i>International Journal of Modern Physics E</i> , 2006 , 15, 595-615	0.7	2
94	Quark droplets with chiral symmetry in the Nambu-Jona-Lasinio model. <i>Physical Review D</i> , 2006 , 74,	4.9	14
93	Leading-twist pion and kaon distribution amplitudes from the QCD instanton vacuum. <i>Physical Review D</i> , 2006 , 74,	4.9	38
92	Exotic tetraquark $uds\bar{c}$ of $J^P=0^+$ in the QCD sum rule. <i>Physical Review D</i> , 2006 , 74,	4.9	40
91	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
90	Suppression of $\Lambda \rightarrow p \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 633, 483-487	4.2	16
89	A new $N^*(1675)$ resonance in the $\Lambda \rightarrow \Lambda \pi$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 253-258	4.2	39

88	Five-Body Calculation of Resonance and Scattering States of the $(\bar{u}dd\bar{s})$ System. <i>Few-Body Systems</i> , 2006 , 38, 91-96	1.6	1
87	$[1520, 3/2^-]$ -photoproduction reaction via $N \rightarrow K^*(1520)$. <i>Physical Review D</i> , 2005 , 71,	4.9	40
86	Chiral symmetry breaking and stability of strangelets. <i>Physical Review D</i> , 2005 , 71,	4.9	5
85	Phenomenology of spin 3/2 baryons with pentaquarks. <i>Physical Review D</i> , 2005 , 71,	4.9	9
84	Five-body calculation of resonance and continuum states of pentaquark baryons with quark-quark correlations. <i>Nuclear Physics A</i> , 2005 , 755, 411-414	1.3	2
83	Two-meson cloud contribution to the baryon antidecuplet self-energy. <i>Nuclear Physics A</i> , 2005 , 755, 395-398	1.3	3
82	Decay of the Ω_c in a quark model. <i>Nuclear Physics A</i> , 2005 , 755, 407-410	1.3	3
81	Determination of the parity of the pentaquark baryons: Ω_c and Ξ_c . <i>Nuclear Physics A</i> , 2005 , 755, 423-426	1.3	1
80	Relationship between the separable and one-boson-exchange potential for the covariant Bethe-Salpeter equation. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005 , 31, 1183-1190	2.9	1
79	Mass of the nucleon in a chiral quark-diquark model. <i>Physical Review C</i> , 2005 , 72,	2.7	8
78	Phenomenological study of two-meson couplings of Ξ_c . <i>Physical Review C</i> , 2005 , 72,	2.7	8
77	Decay of Ξ_c in a quark model. <i>Physical Review D</i> , 2005 , 71,	4.9	18
76	Two-meson cloud contribution to the baryon antidecuplet binding. <i>Physical Review C</i> , 2005 , 71,	2.7	7
75	Publisher's Note: Phenomenological study of two-meson couplings of Ξ_c [Phys. Rev. C 72, 055202 (2005)]. <i>Physical Review C</i> , 2005 , 72,	2.7	5
74	Ξ_c production at high energy. <i>Physical Review C</i> , 2004 , 70,	2.7	18
73	Production of the pentaquark Ξ_c in np scattering. <i>Physical Review D</i> , 2004 , 70,	4.9	3
72	Chiral Sigma Model with Pion Mean Field in Finite Nuclei 2004 , 111, 75-92		31
71	A Method to Unambiguously Determine the Parity of the Ξ_c Pentaquark 2004 , 111, 291-293		45

70	Structure of the Nuclear Force in a Chiral Quark-Diquark Model 2004 , 111, 857-870		9
69	Photoproduction of Λ baryon from the neutron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 579, 43-51	4.2	47
68	Determining the Λ quantum numbers through the $K+p \rightarrow \Lambda K+n$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 579, 290-298	4.2	30
67	Photoproduction of K^* for the study of $\Lambda(1405)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 593, 75-81	4.2	21
66	Threshold production of the Λ 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
65	Detailed Analysis of the Chiral Unitary Model for Meson-Baryon Scattering with Flavor SU (3) Breaking Effects 2004 , 112, 73-97		49
64	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
63	Separable kernel of nucleon-nucleon interaction in the Bethe-Salpeter approach for $J = 0, 1$. <i>Nuclear Physics A</i> , 2003 , 721, C413-C416	1.3	2
62	Flavor independent systematics of excited baryons and intra-band transition. <i>Nuclear Physics A</i> , 2003 , 721, C617-C620	1.3	
61	Chiral symmetry of baryons. <i>Nuclear Physics A</i> , 2003 , 721, C705-C710	1.3	
60	Proton-proton bremsstrahlung at the threshold region of the pion production. <i>Nuclear Physics A</i> , 2003 , 721, C735-C738	1.3	
59	Chiral Symmetry Aspects of Positive and Negative Parity Baryons. <i>Progress of Theoretical Physics Supplement</i> , 2003 , 149, 203-214		5
58	$\Lambda(1405)$ production in the $\bar{p} \rightarrow K0 \Lambda$ reaction. <i>Physical Review C</i> , 2003 , 68,	2.7	54
57	Chiral phase properties of finite size quark droplets in the Nambu-Jona-Lasinio model. <i>Physical Review D</i> , 2003 , 67,	4.9	40
56	Flavor SU(3) breaking effects in the chiral unitary model for meson-baryon scatterings. <i>Physical Review C</i> , 2003 , 68,	2.7	149
55	Evidence of Tensor Correlations in the Nuclear Many-Body System Using a Modern NN Potential. <i>Few-Body Systems</i> , 2003 , 253-258		
54	Mass dependence of M3Y-type interactions and the effects of tensor correlations. <i>Physical Review C</i> , 2002 , 66,	2.7	5
53	Magnetic moments of the $\Lambda(1405)$ and $\Lambda(1670)$ resonances. <i>Physical Review C</i> , 2002 , 66,	2.7	57

52	Path-integral hadronization for the nucleon and its interactions. <i>Physical Review C</i> , 2002 , 66,	2.7	11
51	Chiral Symmetry of Baryons 2001 , 106, 873-908		114
50	Probing Chiral Symmetry of Nucleons by Threshold $\pi\pi$ Production 2001 , 106, 823-834		3
49	Quarks, Baryons and Chiral Symmetry 2001 ,		18
48	Chiral unitary approach to the ρ couplings for the resonance. <i>Nuclear Physics A</i> , 2000 , 678, 187-211	1.3	48
47	SU(3) Chiral approach to meson and baryon dynamics. <i>Nuclear Physics A</i> , 2000 , 663-664, 497c-500c	1.3	1
46	Systematics of baryon masses and deformed oscillator quark model. <i>Nuclear Physics A</i> , 2000 , 663-664, 695c-698c	1.3	2
45	Chiral symmetry for baryons. <i>Nuclear Physics A</i> , 2000 , 663-664, 707c-710c	1.3	
44	Electromagnetic transitions of excited baryons in a deformed oscillator quark model. <i>Nuclear Physics A</i> , 2000 , 678, 147-174	1.3	6
43	Chiral symmetry for positive and negative parity nucleons. <i>Nuclear Physics A</i> , 2000 , 671, 471-480	1.3	60
42	Nature of $\Lambda(1405)$. <i>Physical Review C</i> , 2000 , 62,	2.7	8
41	Systematics of the SU(3) Baryon Spectra and Deformed Oscillator Quark Model 1999 , 101, 1271-1283		11
40	Negative parity baryons in the QCD sum rule. <i>Nuclear Physics A</i> , 1998 , 629, 156-159	1.3	6
39	Baryon resonances in a deformed oscillator quark model. <i>Nuclear Physics A</i> , 1998 , 629, 160-163	1.3	
38	Decays of 12π baryons in chiral effective theory. <i>Physical Review D</i> , 1998 , 57, 4124-4135	4.9	35
37	Suppression of πN^* Coupling and Chiral Symmetry. <i>Physical Review Letters</i> , 1998 , 80, 448-451	7.4	23
36	Nuclear G-Matrix Elements from Nonlocal Potentials. <i>International Journal of Modern Physics E</i> , 1998 , 07, 231-242	0.7	
35	BARYON SPECTRA IN DEFORMED OSCILLATOR QUARK MODEL. <i>Modern Physics Letters A</i> , 1998 , 13, 1699-1707	1.3	4

34	Algebraic Method for Large-Nc QCD. <i>Australian Journal of Physics</i> , 1997 , 50, 211		2
33	Chiral bag model for the nucleon. <i>Physics Reports</i> , 1996 , 277, 65-188	27.7	68
32	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
31	The large-Nc limit and the behavior of $g_A(0)$ and g_A . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 358, 184-190	4.2	2
30	The g_A problem in the chiral bag model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 322, 1-6	4.2	7
29	A two channel model for N(1535). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 306, 207-211	4.2	1
28	Eta photoproduction in the Skyrme model. <i>Nuclear Physics A</i> , 1993 , 562, 461-476	1.3	3
27	Chapter VII. Chiral Bag Model. <i>Progress of Theoretical Physics Supplement</i> , 1992 , 109, 137-159		5
26	Skyrmions and the nuclear force. <i>Physical Review Letters</i> , 1992 , 68, 3849-3852	7.4	20
25	Nucleons as Skyrmions. <i>Annual Review of Nuclear and Particle Science</i> , 1992 , 42, 333-365	15.7	14
24	Omega stabilized chiral bag model with a surface $\bar{q}q$ coupling. <i>Nuclear Physics A</i> , 1992 , 546, 493-508	1.3	4
23	The $\bar{N}N^*$ coupling in the Skyrme model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 293, 23-26	4.2	7
22	G-matrix elements with effective masses for mesons and nucleons. <i>Nuclear Physics A</i> , 1991 , 529, 429-444	1.3	12
21	Skyrmions and their interactions using the Atiyah-Manton construction. <i>Nuclear Physics A</i> , 1991 , 530, 507-531	1.3	23
20	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
19	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
18	Chiral bag with vector mesons. <i>Nuclear Physics A</i> , 1990 , 506, 501-531	1.3	16
17	Spin content of the nucleon in the chiral bag. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 232, 442-446	4.2	7

16	Pion fluctuation around the hedgehog solution in the chiral bag plus skyrmion hybrid model. <i>Zeitschrift für Physik A, Atomic Nuclei</i> , 1988 , 330, 111-116		
15	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
14	Generator coordinate method for spin-isospin projection in the chiral-bag-plus-Skyrmion hybrid model. <i>Physical Review C</i> , 1988 , 37, 2236-2238	2.7	
13	THE SKYRMION AND ANTI-SKYRMION CHIRAL BAG MODEL FOR THE NUCLEON. <i>International Journal of Modern Physics A</i> , 1988 , 03, 1413-1421	1.2	1
12	Spin and Isospin Projection in the Chiral Bag plus Skyrmion Hybrid Model 1987 , 78, 857-877		6
11	Variation after Spin-Isospin Projection in the Skyrme Model 1987 , 78, 27-31		
10	B=2 Solutions of the Chiral Bag plus Skyrmion Hybrid Model 1987 , 78, 387-394		2
9	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
8	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
7	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
6	Landau-Migdal Parameters g_{NN} , g_{NN} and g_{NN} in the σ - ω Model 1986 , 76, 1306-1320		9
5	Pionic Cloud Effect on Hadron Masses in the MIT Quark Bag Model 1986 , 75, 890-904		
4	G-matrix effective interaction with the paris potential. <i>Nuclear Physics A</i> , 1985 , 444, 76-92	1.3	106
3	Centre-of-mass problem for hadrons from the quark model 1985 , 90, 315-323		
2	On the Central-Odd Components in the G-Matrix Interactions and the Low Energy (p, pN) and (p, n) Reactions 1985 , 73, 1165-1171		5
1	Mass of the nucleon in a chiral quark-diquark model		1