Myung-Ki Cheoun

List of Publications by Year
in descending order

197	1,489	331670 21	454955 30
papers	citations	h-index	g-index

199	199	199	867
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Equation of state for neutron stars in SU(3) flavor symmetry. Physical Review C, 2013, 88, .	2.9	77
2	Nuclear mass table in deformed relativistic Hartreeâ€“Bogoliubov theory in continuum, I: Evenâ€“even nuclei. Atomic Data and Nuclear Data Tables, 2022, 144, 101488.	2.4	60
3	Deformed relativistic Hartree-Bogoliubov theory in continuum with a point-coupling functional: Examples of even-even Nd isotopes. Physical Review C, 2020, 102, .	2.9	53
4	Medium effects of magnetic moments of baryons on neutron stars under strong magnetic fields. Physical Review C, 2010, 82, .	2.9	42
5	Neutrino induced reactions for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î½</mml:mi></mml:math>-process nucleosynthesis of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>92</mml:mn></mml:msup></mml:math>Nb and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>98</mml:mn></mml:msup></mml:math>Tc. Physical Review C, 2012, 85, .	2.9	42
6	EQUATION OF STATE FOR NEUTRON STARS WITH HYPERONS AND QUARKS IN THE RELATIVISTIC HARTREEâ€“FOCK APPROXIMATION. Astrophysical Journal, 2015, 813, 135.	4.5	40
7	Neutrinoâ€“nucleus reactions via neutral and charged currents by the quasi-particle random phase approximation (QRPA). Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 055101.	3.6	37
8	Neutrino reactions on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">La</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>138</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ta</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>180</mml:mn></mml:mrow></mml:	2.9	35
9	SUPERNOVA NEUTRINO NUCLEOSYNTHESIS OF THE RADIOACTIVE ⁹² Nb OBSERVED IN PRIMITIVE METEORITES. Astrophysical Journal Letters, 2013, 779, L9.	8.3	34
10	Neutron stars in a perturbative f(R) gravity model with strong magnetic fields. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 021-021.	5.4	33
11	General limit on the relation between abundances of D and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Li</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> in	4.7	33
12	REVISED BIG BANG NUCLEOSYNTHESIS WITH LONG-LIVED, NEGATIVELY CHARGED MASSIVE PARTICLES: UPDATED RECOMBINATION RATES, PRIMORDIAL ⁹ Be NUCLEOSYNTHESIS, AND IMPACT OF NEW ⁶ Li LIMITS. Astrophysical Journal, Supplement Series, 2014, 214, 5.	7.7	31
13	Effect of strangeness for neutrino (antineutrino) scattering in the quasi-elastic region. Physical Review C, 2008, 77, .	2.9	28
14	Cosmological solutions to the lithium problem: Big-bang nucleosynthesis with photon cooling, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi></mml:math> -particle decay and a primordial magnetic field. Physical Review D, 2014, 90, .	4.7	28
15	Reactions onAr40involving solar neutrinos and neutrinos from core-collapsing supernovae. Physical Review C, 2011, 83, .	2.9	27
16	An isobaric model for kaon photoproduction. Nuclear Physics A, 2001, 691, 713-749.	1.5	24
17	Time-dependent quark masses and big bang nucleosynthesis revisited. Physical Review D, 2011, 84, .	4.7	23
18	Neutrino reactions on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> by the quasiparticle random-phase approximation (QRPA). Physical Review C, 2010, 81, .	2.9	22

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19	QHD description of the instability in strongly magnetized neutron stars. Astroparticle Physics, 2012, 38, 25-30.	4.3	22
20	Gamowâ€“Teller strength distributions in 76Ge, 76,82Se, and 90,92Zr by the deformed protonâ€“neutron QRPA. Nuclear Physics A, 2015, 934, 73-109.	1.5	22
21	Supernova Neutrino Process of Li and B Revisited. Astrophysical Journal, 2019, 872, 164.	4.5	22
22	Short-Lived Radioisotope <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Tc</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>98</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Synthesized by the Supernova Neutrino Process. Physical Review Letters, 2018, 121, 102701.	7.8	21
23	Asymmetric neutrino emission from magnetized proto-neutron star matter including hyperons in relativistic mean field theory. Physical Review D, 2011, 83, .	4.7	19
24	¹⁴C Level At Mt Chiak and Mt Kyeryong in Korea. Radiocarbon, 2002, 44, 559-566.	1.8	17
25	Ambiguities of neutrino (antineutrino) scattering on the nucleon due to the uncertainties of relevant strangeness form factors. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 065107.	3.6	17
26	Review on effects of long-lived negatively charged massive particles on Big Bang Nucleosynthesis. International Journal of Modern Physics E, 2017, 26, 1741004.	1.0	16
27	The neutral-current neutrino-nucleus scattering in the quasielastic region. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2643-2653.	3.6	15
28	Relativistic mean-field treatment of pulsar kicks from neutrino propagation in magnetized proto-neutron stars. Physical Review D, 2012, 86, .	4.7	15
29	Shell evolution of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>20</mml:mn></mml:mrow></mml:math>nucl and Gamow-Teller strengths of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mrow><mml:mn>30</mml:mn><mml:mo>,</mml:mo><mml:mn>32</mml:mn><mml:mo>,</mml:mo><mml:mn>34</mml:mn></mml:m with deformed quasiparticle random-phase approximation. Physical Review C, 2013, 88, .	2.9	15
30	A Study of Radioactive Contamination of Crystals for the AMoRE Experiment. IEEE Transactions on Nuclear Science, 2016, 63, 543-547.	2.0	15
31	Asymmetry in the neutrino and anti-neutrino reactions in a nuclear medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 464-469.	4.1	14
32	Quantum field theoretic treatment of pion production via proton synchrotron radiation in strong magnetic fields: Effects of Landau levels. Physical Review D, 2015, 91, .	4.7	14
33	Testing the tetraquark structure for the X resonances in the low-lying region. European Physical Journal A, 2016, 52, 1.	2.5	14
34	Effects of deformation and neutron-proton pairing on the Gamow-Teller transitions for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="bold">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>24</mml:mn><mml:mo>,</mml:mo><mml:mn>26</mml:mn></mml:mrow></mml:mmultiscripts></mml:math a deformed quasiparticle random-phase approximation. Physical Review C, 2016, 94, .	2.9	14
35	Neutrino Process in Core-collapse Supernovae with Neutrino Self-interaction and MSW Effects. Astrophysical Journal Letters, 2020, 891, L24.	8.3	14
36	Inclusive charged-current neutrino-nucleus scattering in the quasielastic region. Physical Review C, 2011, 83, .	2.9	13

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37	Effects of the density-dependent weak form factors on the neutrino reaction via neutral current for the nucleon in nuclear matter and12C. Physical Review C, 2013, 87, .	2.9	13
38	Long-range dynamic polarization potentials for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>11</mml:mn></mml:mrow></mml:mmultiscripts><mml:mspace width="0.16em" /><mml:mo>+</mml:mo><mml:mspace width="0.16em" /><mml:mmultiscripts><mml:mi mathvariant="normal">Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>208</mml:mn></mml:	2.9	13
39	A study of Gamow-Teller transitions for N = Z nuclei, 24Mg, 28Si, and 32S, by a deformed QRPA. European Physical Journal A, 2017, 53, 1.	2.5	13
40	Asymmetric Nuclear Matter in Relativistic Mean-field Models with Isoscalar- and Isovector-meson Mixing. Astrophysical Journal, 2022, 929, 82.	4.5	13
41	High-lying excited states in Gamow Teller strength and their roles in neutrino reactions. European Physical Journal A, 2012, 48, 1.	2.5	12
42	Overview of the KoRIA Facility for Rare Isotope Beams. Few-Body Systems, 2013, 54, 197-204.	1.5	12
43	Long-range dynamic polarization potentials for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Be</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>11</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>projectiles on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Zn</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>64</mml:mn></mml:	2.9	12
44	Four-quark structure of the excited states of heavy mesons. Physical Review D, 2015, 91, .	4.7	12
45	Spin singlet and spin triplet pairing correlations on shape evolution in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>s</mml:mi><mml:mi>d</mml:mi></mml:mrow></mml:ma -shell <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mi>Z</mml:mi>	2.9	12
46	Neutron-proton pairing correlations and deformation for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mi>Z</mml:mi> nuclei in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>f</mml:mi></mml:mrow></mml:ma	2.9	12
47	Collective constraints on Big-Bang Nucleosynthesis from modified gravity. Physical Review C, 2018, 97, .	2.9	11
48	Evidence for a large radius of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mtext>Be</mml:mtext><mml:mprescripts /><mml:none /><mml:mn>11</mml:mn></mml:mmultiscripts></mml:math>projectile. Physical Review C, 2016, 93, .	2.9	11
49	Axion production from Landau quantization in the strong magnetic field of magnetars. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 160-165.	4.1	11
50	Tetraquark mixing framework for isoscalar resonances in light mesons. Physical Review D, 2018, 97, .	4.7	11
51	Constraints on Nuclear Saturation Properties from Terrestrial Experiments and Astrophysical Observations of Neutron Stars. Astrophysical Journal, 2021, 909, 156.	4.5	11
52	Impact of Hypernova Î½p-process Nucleosynthesis on the Galactic Chemical Evolution of Mo and Ru. Astrophysical Journal, 2022, 924, 29.	4.5	11
53	Shape coexistence and neutron skin thickness of Pb isotopes by the deformed relativistic Hartree-Bogoliubov theory in continuum. Physical Review C, 2022, 105, .	2.9	11
54	Spin change of a proto-neutron star by the emission of neutrinos. Physical Review C, 2012, 85, .	2.9	10

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55	Rapid spin deceleration of magnetized protoneutron stars via asymmetric neutrino emission. Physical Review C, 2014, 89, .	2.9	10
56	Effect of long range potentials on the elastic cross section for theLi11+Pb208system. Physical Review C, 2014, 89, .	2.9	10
57	Pion production via proton synchrotron radiation in strong magnetic fields in relativistic field theory: Scaling relations and angular distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 125-129.	4.1	10
58	The new hybrid BBN model with the photon cooling, X particle, and the primordial magnetic field. International Journal of Modern Physics E, 2017, 26, 1741006.	1.0	10
59	Generation of photon vortex by synchrotron radiation from electrons in Landau states under astrophysical magnetic fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 826, 136779.	4.1	10
60	Roles of one-step process on neutrino scattering off 12C. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 330-333.	4.1	9
61	Be7charge exchange betweenBe3+7ion and an exotic long-lived negatively charged massive particle in big bang nucleosynthesis. Physical Review D, 2013, 88, .	4.7	9
62	Effects of density-dependent weak form factors on charged-current neutrino-nucleus scattering in the quasi-elastic region. Physical Review C, 2014, 90, .	2.9	9
63	Spin-1 diquark contributing to the formation of tetraquarks in light mesons. European Physical Journal C, 2017, 77, 1.	3.9	9
64	Coupled-channels analyses for 9,11Liâ€‰+â€‰208Pb fusion reactions with multi-neutron transfer couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 455-460.	4.1	9
65	Further signatures to support the tetraquark mixing framework for the two light-meson nonets. Physical Review D, 2019, 99, .	4.7	9
66	Fusion reaction of a weakly bound nucleus with a deformed target. Physical Review C, 2021, 103, .	2.9	9
67	Possible Uncertainties of Parity Violation in Electron Quasi-Elastic Scattering. Journal of the Physical Society of Japan, 2013, 82, 024201.	1.6	8
68	BruecknerG-matrix approach for neutron-proton pairing correlations in the deformed BCS approach. Physical Review C, 2015, 92, .	2.9	8
69	Constraints on modified Gauss-Bonnet gravity during big bang nucleosynthesis. Physical Review D, 2016, 93, .	4.7	8
70	Effects of the Coulomb and the spin-orbit interaction in a deformed mean field on the pairing correlations in N=Z nuclei. Physical Review C, 2019, 99, .	2.9	8
71	Effects of sterile neutrinos and an extra dimension on big bang nucleosynthesis. Physical Review D, 2018, 97, .	4.7	7
72	Magnetic moments of octet baryons at finite density and temperature. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 105002.	3.6	6

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73	Ambiguity of the final state interaction for neutral-current neutrino-nucleus scattering in the quasielastic region. Physical Review C, 2013, 88, .	2.9	6
74	Asymmetric neutrino production in strongly magnetized proto-neutron stars. Physical Review D, 2014, 90, .	4.7	6
75	Inelastic scattering ofBe11+Au197to the first excited state inBe11. Physical Review C, 2015, 92, .	2.9	6
76	An analysis of the models for the radiative muon capture on a proton. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 293-301.	3.6	5
77	Influence of axial mass and strange axial form factor on neutrino-nucleus scattering in the quasielastic region. Physical Review C, 2015, 92, .	2.9	5
78	Effects of density-dependent weak form factors on neutral-current neutrino (antineutrino)-neucleus scattering in the quasi-elastic region. Physical Review C, 2015, 91, .	2.9	5
79	Extraction of structure functions for lepton-nucleus scattering in the quasi-elastic region. Physical Review C, 2016, 94, .	2.9	5
80	Role of axial mass and strange axial form factor from various target nuclei in neutrino-nucleus scattering. Physical Review C, 2019, 100, .	2.9	5
81	Decomposition of nuclear symmetry energy based on Lorentz-covariant nucleon self-energies in relativistic Hartree-Fock approximation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135282.	4.1	5
82	Seoul National University Accelerator Mass Spectrometry (SNU-AMS) Radiocarbon Date List II. Radiocarbon, 2006, 48, 267-283.	1.8	4
83	Neutrino Induced Reactions with the Nuclei in Core Collapsing Supernovae. Progress of Theoretical Physics Supplement, 2012, 196, 476-482.	0.1	4
84	Deformation effects on the gamow-teller transitions in 76Ge and 76Se by using the deformed Quasi-Particle Random-Phase Approximation. Journal of the Korean Physical Society, 2015, 67, 1142-1149.	0.7	4
85	Effects of pairing correlations on the neutron skin thickness and the symmetry energy. Physical Review C, 2017, 96, .	2.9	4
86	The Viability of the 3Â+Â1 Neutrino Model in the Supernova Neutrino Process. Astrophysical Journal, 2020, 894, 99.	4.5	4
87	Chiral quark-meson coupling models for finite nuclei and their <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi>e</mml:mi><mml:mo>,</mml:mo><mml:m reactions. Physical Review C, 2021, 104, .	2.9	4
88	Importance of the Doppler effect for the determination of the deuteron binding energy. Physical Review C, 1999, 59, 3473-3476.	2.9	3
89	Radiative muon capture and induced pseudoscalar coupling constant in nuclear matter. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 2099-2105.	3.6	3
90	Strangeness for Neutrinoâ€“Nucleus Scattering in Quasielastic Region. Journal of the Physical Society of Japan, 2008, 77, 124202.	1.6	3

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91	Properties of a proto-neutron star with smeared trapped neutrinos. Physical Review C, 2011, 83, .	2.9	3
92	New neutrino source for the study of solar neutrino physics in the vacuum-matter transition region. Physical Review C, 2016, 94, .	2.9	3
93	Estimating total fusion cross sections by using a coupled-channel method. Journal of the Korean Physical Society, 2017, 70, 42-46.	0.7	3
94	Competition of deformation and neutronâ€“proton pairing in Gamowâ€“Teller transitions for ^{56,58}Ni and ^{62,64}Ni. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 105109.	3.6	3
95	Î½Î½Â¯-Pair synchrotron emission in neutron-star matter based on a relativistic quantum approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135413.	4.1	3
96	A relativistic quantum approach to neutrino and antineutrino emission via the direct Urca process in strongly magnetized neutron-star matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136813.	4.1	3
97	Investigating the Suppressions for the Longitudinal Structure Function in High Energy Quasielastic Scattering from 56Fe. Journal of the Physical Society of Japan, 2006, 75, 114201.	1.6	2
98	Multipole Amplitudes for Pion Weak-Production near Threshold by Charged Current. Journal of the Physical Society of Japan, 2010, 79, 074202.	1.6	2
99	MASS RELATIONS OF NUCLEONS AND MESONS UNDER SU(2) SYMMETRY BREAKING IN A GAUGED LINEAR SIGMA MODEL. Modern Physics Letters A, 2010, 25, 25-33.	1.2	2
100	Nuclear Structure of 12,14Be Within Deformed Quasi-Particle Random Phase Approximation (DQRPA). Few-Body Systems, 2013, 54, 1389-1392.	1.5	2
101	Effect of the non-locality factor for bound states in 208Pb. Journal of the Korean Physical Society, 2013, 63, 1703-1708.	0.7	2
102	Equation of State for Neutron Stars: Hyperon Mixing in SU(3) Flavor Symmetry. , 2014, , .		2
103	In-medium effect with muon-neutrino and anti-muon-neutrino quasi-elastic scattering from¹²C nucleons. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 045102.	3.6	2
104	Extended optical model analyses of $$^{11}hbox {Be+}^{197}hbox {Au}$$ with dynamic polarization potentials. European Physical Journal A, 2020, 56, 1.	2.5	2
105	Big Bang nucleosynthesis in a weakly non-ideal plasma. Astronomy and Astrophysics, 2021, 650, A121.	5.1	2
106	Isoscalar pairing correlations by the tensor force in the ground states of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>12</mml:mn></mml:mmultiscripts><mml:mo>,</mml:mo><mml:mo>Â</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>16</mml:mn></mml:mmultiscripts><mml:mo>,</mml:mo><mml:mo>Â</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mn>17</mml:mn></mml:mmultiscripts></mml:math> with dynamic polarization potentials. Physical Review C, 2022, 105, .	2.9	2
107	Coulomb breakup reaction of loosely bound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>19</mml:mn></mml:mmultiscripts></mml:math>	2.9	2
108	Tensor force effect on pairing correlations for the Gamowâ€“Teller transition in 42Ca, 46Ti, and 18O. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	2

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109	Effects of Coulomb Distortion on the Second, Fourth, and Fifth Structure Functions and the Asymmetry for (e,e'p)Reactions for High Electron Energy. Journal of the Physical Society of Japan, 2000, 69, 2034-2038.	1.6	1
110	Seoul National University Accelerator Mass Spectrometry (SNU-AMS) Radiocarbon Date List IV. Radiocarbon, 2007, 49, 1395-1402.	1.8	1
111	ANALYSIS OF PION WEAK-PRODUCTION NEAR THRESHOLD BY MULTIPOLE AMPLITUDES. Modern Physics Letters A, 2009, 24, 945-949.	1.2	1
112	The effects of density-dependent form factors for (e, eâ€™p) reaction in quasi-elastic region. European Physical Journal A, 2016, 52, 1.	2.5	1
113	Short-baseline electron antineutrino disappearance study by using neutrino sources from¹³C +⁹Be reaction. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 044-044.	5.4	1
114	A new scheme for short baseline electron antineutrino disappearance study. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 09LT01.	3.6	1
115	Cooling Process of Magnetars with (u ar{u })-Pair and Axion Emissions in Relativistic Quantum Approach. , 2018, , .		1
116	Effects of sterile neutrino and extra-dimension on big bang nucleosynthesis. AIP Conference Proceedings, 2018, , .	0.4	1
117	Simultaneous Optical Model Analysis of Elastic Scattering and Breakup Reaction Channels for 11Li + 208Pb System. Journal of the Korean Physical Society, 2018, 73, 553-560.	0.7	1
118	The Charge Density Distribution with a Non-Local Potential on 16O, 40Ca, and 208Pb Nuclei. Journal of the Korean Physical Society, 2019, 74, 998-1003.	0.7	1
119	A hybrid model of Skyrme- and Brueckner-type interactions for neutron star matter. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	1
120	Threshold Anomaly for $^{6, 7}$Li projectiles. Journal of the Korean Physical Society, 2009, 55, 2123-2127.	0.7	1
121	Exotic Nuclear Structure by the Deformed BCS and QRPA. Journal of the Korean Physical Society, 2011, 59, 1533-1535.	0.7	1
122	Neutrino Self-interaction and MSW Effects by an Equi-partitioned Fermiâ€“Dirac Neutrino Luminosity on the Supernova Neutrino-process. , 2020, , .		1
123	Special Issue on "Rare Isotope Science". New Physics: Sae Mulli, 2016, 66, 1457-1457.	0.1	1
124	Effects of Shock Propagation on Neutrino Oscillation and $u $-induced Nucleosynthesis in Supernova. Acta Physica Polonica B, 2019, 50, 385.	0.8	1
125	Coulomb sum rule in the quasielastic region using various nuclear models. Physical Review C, 2022, 105, .	2.9	1
126	Evolution of Kinetic and Magnetic Energy in a Large Magnetic Prandtl Number System. Astrophysical Journal, 2022, 932, 32.	4.5	1

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127	Discussions of Ambiguities on Current Operators in Exclusive (e,e'p) Reactions for Intermediate Electron Energy. Journal of the Physical Society of Japan, 2004, 73, 2117-2130.	1.6	0
128	EFFECT OF STRANGENESS FOR NEUTRINO-NUCLEON AND NEUTRINO-NUCLEUS SCATTERING IN QUASIELASTIC REGION. Modern Physics Letters A, 2009, 24, 955-959.	1.2	0
129	TEMPERATURE EFFECT FOR PAIRING INTERACTIONS IN THE FINITE NUCLEON SYSTEM. Modern Physics Letters A, 2009, 24, 1055-1058.	1.2	0
130	Signals for Strange Quark Contributions to the Neutrino (Antineutrino) Scattering in Quasi-Elastic Region. Journal of the Physical Society of Japan, 2009, 78, 084202.	1.6	0
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