

Yongseok Oh

List of Publications by Year in descending order

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121
papers

2,301
citations

218677

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121
all docs

121
docs citations

121
times ranked

1657
citing authors

#	ARTICLE	IF	CITATIONS
1	J/ψ absorption by ρ and ω mesons in a meson exchange model with anomalous parity interactions. Physical Review C, 2001, 63, .	2.9	158
2	Massive-quark baryons as skyrmions. Nuclear Physics A, 1991, 534, 493-512.	1.5	93
3	Ratios of heavy baryons to heavy mesons in relativistic nucleus-nucleus collisions. Physical Review C, 2009, 79, .	2.9	82
4	Nucleon resonances in π^0 photoproduction. Physical Review C, 2001, 63, .	2.9	65
5	Nucleon and Λ^* resonances in $\pi^+(1385)$ photoproduction from nucleons. Physical Review C, 2008, 77, .	2.9	65
6	Λ and Σ baryons in the Skyrme model. Physical Review D, 2007, 75, .	4.7	62
7	Photoproduction of η mesons from the proton: Polarization observables and strangeness in the nucleon. Physical Review C, 1998, 58, 2429-2449.	2.9	58
8	Deuteron production and elliptic flow in relativistic heavy ion collisions. Physical Review C, 2009, 80, .	2.9	53
9	Pentaquark exotic baryons in the Skyrme model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 331, 362-370.	4.1	52
10	Exotic Σ^+ baryon production induced by a photon and a pion. Physical Review D, 2004, 69, .	4.7	52
11	Quarkonium-hadron interactions in QCD. Physical Review C, 2002, 65, .	2.9	49
12	Polarization Observables in η -Meson Photoproduction and the Strangeness Content of the Proton. Physical Review Letters, 1997, 79, 1634-1637.	7.8	48
13	$D_s(2317)$ as a four-quark state in QCD sum rules. Physical Review D, 2005, 72, .	4.7	48
14	Contribution of higher nucleon resonances to $K^*\eta$ photoproduction. Physical Review D, 2011, 84, .	4.7	47
15	Heavy quark symmetry and the Skyrme model. Physical Review D, 1994, 50, 3350-3367.	4.7	45
16	K^* photoproduction off the nucleon: $\eta \rightarrow N \pi^+ K^* \eta$. Physical Review C, 2006, 73, .	2.9	44
17	η meson photoproduction at low energies. Physical Review C, 2004, 69, .	2.9	43
18	Scalar η meson in K^* photoproduction. Physical Review C, 2006, 74, .	2.9	41

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19	Photoproduction of Λ^+ off nucleons. <i>Physical Review C</i> , 2006, 74, .	2.9	41
20	Anticharmed pentaquark $\Lambda_c^-(3099)$ from QCD sum rules. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 595, 293-300.	4.1	36
21	Dense baryonic matter in the hidden local symmetry approach: Half-skyrmions and nucleon mass. <i>Physical Review D</i> , 2013, 88, .	4.7	34
22	Cross Sections and Beam Asymmetry for K^+K^- from the Deuteron at $E_{\text{beam}} \approx 1.5$ GeV. <i>Physical Review Letters</i> , 2009, 102, 012501.	7.8	32
23	Pentaquark $\Lambda^+(1540)$ production in $\bar{p}N \rightarrow K^+ \Lambda^+ N$ reactions. <i>Physics Reports</i> , 2006, 423, 49-89.	25.6	31
24	HEAVY-QUARK SYMMETRY AND SKYRMIONS. <i>International Journal of Modern Physics E</i> , 1995, 04, 47-119.	1.0	29
25	New anomalous trajectory in Regge theory. <i>Physical Review D</i> , 2000, 61, .	4.7	28
26	Investigation of the $\Lambda(1520)$ bound state in pionless effective theory. <i>Physical Review C</i> , 2015, 92, .	2.9	28
27	Hidden local symmetry and infinite tower of vector mesons for baryons. <i>Physical Review D</i> , 2012, 86, .	4.7	27
28	One-loop corrections to Λ^+ photoproduction near threshold. <i>Physical Review C</i> , 2002, 66, .	2.9	26
29	Isospin-dependent pion in-medium effects on the charged-pion ratio in heavy ion collisions. <i>Physical Review C</i> , 2010, 81, .	2.9	25
30	Skyrmions with vector mesons in the hidden local symmetry approach. <i>Physical Review D</i> , 2013, 87, .	4.7	25
31	Dense baryonic matter in conformally-compensated hidden local symmetry: Vector manifestation and chiral symmetry restoration. <i>Physical Review D</i> , 2014, 90, .	4.7	25
32	Nuclear isospin asymmetry in Λ^+ decay of heavy nuclei. <i>Physical Review C</i> , 2016, 94, .	2.9	25
33	Energy levels of soliton "heavy-meson bound states. <i>Physical Review D</i> , 1995, 51, 5016-5029.	4.7	24
34	Λ^+ baryon production in K^+N and \bar{K}^0N reactions. <i>Physical Review D</i> , 2004, 69, .	4.7	24
35	Properties of the baryon antidecuplet. <i>Physical Review D</i> , 2004, 69, .	4.7	24
36	Pentaquark baryons in the SU(3) quark model. <i>Physical Review D</i> , 2004, 70, .	4.7	24

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37	Production cross section of neutron-rich isotopes with radioactive and stable beams. Physical Review C, 2014, 89, .	2.9	24
38	Combined Analysis of π^0 Meson Hadro- and Photo-production off Nucleons. Journal of the Korean Physical Society, 2011, 59, 224-246.	0.7	23
39	Excited states of heavy baryons in the Skyrme model. Physical Review D, 1996, 53, 1605-1615.	4.7	22
40	Electroproduction of a $\Lambda(1520)$ meson from the proton and the strangeness in the nucleon. Nuclear Physics A, 1997, 618, 259-290.	1.5	22
41	Elliptic flow of deuterons in relativistic heavy-ion collisions. Physical Review C, 2007, 76, .	2.9	22
42	Toward neutron-rich nuclei via transfer reactions with stable and radioactive beams. Physical Review C, 2015, 91, .	2.9	22
43	Heavy baryons as Skyrmions with $1/m_Q$ corrections. Physical Review D, 1994, 49, 4649-4658.	4.7	21
44	Role of high-spin hyperon resonances in the reaction of $\pi^+ p \rightarrow \Lambda(1520) K^+$. Physical Review C, 2011, 83, .	2.9	21
45	Role of high-spin hyperon resonances in the reaction of $\pi^+ p \rightarrow \Lambda(1520) K^+$ and $\pi^+ p \rightarrow \Lambda(1520) K^0$. Physical Review C, 2015, 91, .	2.9	21
46	From homogeneous matter to finite nuclei: Role of the effective mass. Physical Review C, 2019, 99, .	2.9	19
47	Charmed hadron production in an improved quark coalescence model. Physical Review C, 2020, 101, .	2.9	19
48	π^0 absorption by nucleons in the meson-exchange model. Physical Review C, 2007, 75, .	2.9	18
49	ELECTRIC QUADRUPOLE MOMENTS OF THE DECUPLET BARYONS IN THE SKYRME MODEL. Modern Physics Letters A, 1995, 10, 1027-1033.	1.2	17
50	π^0 in halo effective field theory. Physical Review C, 2014, 89, .	2.9	17
51	Theoretical study of the almost sequential mechanism of true ternary fission. Physical Review C, 2015, 91, .	2.9	17
52	Baryon masses in large N_c chiral perturbation theory. European Physical Journal A, 1999, 4, 363-380.	2.5	16
53	Analysis of nuclear structure in a converging power expansion scheme. Physical Review C, 2019, 100, .	2.9	16
54	Medium effects in π^0 meson photoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 677, 116-120.	4.1	15

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55	Skyrme-Type Nuclear Force for the KIDS Energy Density Functional. <i>New Physics: Sae Mulli</i> , 2017, 67, 456-461.	0.1	15
56	MAGNETIC MOMENTS OF HEAVY BARYONS IN THE SKYRME MODEL. <i>Modern Physics Letters A</i> , 1996, 11, 653-662.	1.2	14
57	Solitons bound to heavy mesons. <i>Zeitschrift für Physik A</i> , 1997, 359, 83-90.	0.9	14
58	He ¹⁶ Li cluster effective field theory. <i>Physical Review C</i> , 2014, 90, .	2.9	14
59	Effective interactions of hyperons and mass-radius relation of neutron stars. <i>Physical Review D</i> , 2018, 97, .	4.7	14
60	Asymmetries in π^0 photoproduction and the Okubo-Zweig-Iizuka violation. <i>Physical Review C</i> , 2001, 64, .	2.9	13
61	Probing nucleon strangeness structure with π^+ electroproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 462, 23-28.	4.1	12
62	Spin asymmetries in. <i>Nuclear Physics A</i> , 2004, 745, 129-151.	1.5	12
63	Overview of the KoRIA Facility for Rare Isotope Beams. <i>Few-Body Systems</i> , 2013, 54, 197-204.	1.5	12
64	Four-quark structure of the excited states of heavy mesons. <i>Physical Review D</i> , 2015, 91, .	4.7	12
65	Medium modifications of the η meson in nuclear photoproduction. <i>Physical Review C</i> , 2010, 82, .	2.9	11
66	On the sign of the $\bar{c}c$ coupling constant. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 648, 351-356.	4.1	10
67	Model-independent determination of the parity of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \bar{\Lambda} \rangle$ hyperons. <i>Physical Review C</i> , 2012, 85, .	2.9	10
68	Electroweak properties of pions in a nuclear medium. <i>Physical Review C</i> , 2019, 99, .	2.9	10
69	Strong decays of multistrangeness baryon resonances in the quark model. <i>Physical Review D</i> , 2022, 105, .	4.7	10
70	Impact of medium modifications of the nucleon weak and electromagnetic form factors on the neutrino mean free path in dense matter. <i>Physical Review D</i> , 2018, 98, .	4.7	9
71	Transport model study of deuteron production in relativistic heavy ion collisions. <i>Nuclear Physics A</i> , 2010, 834, 253c-256c.	1.5	8
72	Skyrmions, half-skyrmions and nucleon mass in dense baryonic matter. <i>International Journal of Modern Physics Conference Series</i> , 2014, 29, 1460238.	0.7	8

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73	Regge approach to the reaction of $\hat{1}^3N\hat{1}^+K^*\hat{1}$. Physical Review D, 2017, 95, .	4.7	8
74	Mixing effects on $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ state heavy mesons in the light-front quark model. Physical Review D, 2022, 106, .	4.7	8
75	Higher meson resonances in $\hat{1}^3N\hat{1}^+$ and $\hat{1}^3N\hat{1}^0$. Physical Review D, 2003, 68, .	4.7	7
76	Model-independent aspects of the reaction $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mover accent="true"} \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A}^+$. Physical Review C, 2014, 89, .	2.9	7
77	Role of Nucleon Resonances in the $^3A^0N \hat{A}^+ \hat{A}^+ ^3A^0N$ Reaction?. Journal of the Korean Physical Society, 2011, 59, 3344-3355.	0.7	7
78	Vector mesons and magnetic moments of hyperons. Nuclear Physics A, 1991, 530, 698-716.	1.5	6
79	Charmonium-hadron interactions from QCD. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1903-1910.	3.6	6
80	QCD sum rule study on the $f_0(980)$ structure as a pure $KK\hat{A}^-$ bound state. Physical Review D, 2013, 87, .	4.7	6
81	Valence-quark distributions of pions and kaons in a nuclear medium. Physical Review D, 2019, 100, .	4.7	6
82	Peculiarities of quasifission reactions in heavy ion collisions. Nuclear Physics A, 2016, 946, 89-103.	1.5	5
83	Dynamical model of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle \hat{1}^- \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ meson photoproduction on the nucleon and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \rangle He \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2021, 104, .	2.9	5
84	Asymmetry in $\hat{1}^0$ meson photoproduction and the phase of $\hat{1}^0\hat{1}^0\hat{1}^3$ coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 33-38.	4.1	4
85	Anomalous $\hat{1}$ exchange in vector meson photoproduction asymmetries. Physical Review D, 2000, 62, .	4.7	4
86	MEDIUM EFFECTS ON CHARGED PION RATIO IN HEAVY ION COLLISIONS. International Journal of Modern Physics E, 2010, 19, 1763-1772.	1.0	4
87	Nuclear energy density functional and the nuclear $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle \hat{1}^\pm \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ decay. Physical Review C, 2017, 95, .	2.9	4
88	Decay angular distributions of K^* and D^* vector mesons in pion-nucleon scattering. Physical Review C, 2017, 95, .	2.9	4
89	Theory of two-meson photo- and electroproduction off the nucleon. Physical Review D, 2019, 99, .	4.7	4
90	Higher dimension operators and chiral symmetry breaking in Nambu-Jona-Lasinio model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 207-212.	4.1	3

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91	Axial anomaly and the $\langle \mathcal{M} \rangle$ puzzle. Physical Review D, 2012, 85, .	4.7	3
92	Gauge-invariant Theory of Two-Pion Photo- and Electro-Production off the Nucleon. Few-Body Systems, 2013, 54, 1141-1144.	1.5	3
93	Analysis of the b_1 meson decay in local tensor bilinear representation. Journal of High Energy Physics, 2018, 2018, 1.	4.7	3
94	Light-front dynamic analysis of the longitudinal charge density using the solvable scalar field model in (\mathbf{r}, τ) space. Physical Review D, 2017, 95, 074012.	4.7	3
95	$\tilde{\Gamma}_\pm$ and $\tilde{\Gamma}_\pm$ loop corrections to $\tilde{\Gamma}_\pm$ photoproduction in the resonance region. Nuclear Physics A, 2003, 721, C743-C746.	1.5	2
96	Nuclear modification factor of nonphotonic electrons in heavy-ion collisions, and the heavy-flavor baryon-to-meson ratio. Physical Review C, 2009, 79, .	2.9	2
97	Hyperons Analogous to the $\Lambda(1405)$. Few-Body Systems, 2013, 54, 411-414.	1.5	2
98	Nonperturbative collisional energy loss of heavy quarks in quark-gluon plasma. Physical Review C, 2016, 93, .	2.9	2
99	New anomalous exchange in Regge phenomenology and hard diffraction. Nuclear Physics, Section B, Proceedings Supplements, 2001, 99, 24-28.	0.4	1
100	Cascade Baryon Production in Photon-Induced Reactions. Journal of Physics: Conference Series, 2007, 69, 012023.	0.4	1
101	Photoproduction of Cascade Baryon. Nuclear Physics A, 2007, 790, 498c-501c.	1.5	1
102	Photoproduction of $\Lambda(1385)$ from the nucleon. , 2011, , .		1
103	$\Lambda(1116)$ photoproduction and nucleon resonances. , 2011, , .		1
104	Interactions and decays of high-spin baryon resonances. EPJ Web of Conferences, 2012, 20, 02008.	0.3	1
105	Analysis of antikaon-induced cascade production. EPJ Web of Conferences, 2014, 81, 05015.	0.3	1
106	KIDS Nuclear Energy Density Functional: 1st Application in Nuclei. , 2018, , .		1
107	Nuclear Equation of State and the Structure of Neutron Stars. New Physics: Sae Mulli, 2016, 66, 1571-1577.	0.1	1
108	Effects of Medium Modifications of Nucleon Form Factors on Neutrino Scattering in Dense Matter. , 2019, , .		1

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109	Nucleon resonances in polarized γ photoproduction. AIP Conference Proceedings, 2001, , .	0.4	0
110	Some New Features in the Pseudoscalar Meson and Vector Meson Photoproductions. Few-Body Systems, 2013, 54, 1145-1148.	1.5	0
111	Production and Parity Determination of Λ^* Baryons. Few-Body Systems, 2013, 54, 1251-1254.	1.5	0
112	$K^*(1116)$ Photoproduction and Nucleon Resonances. Few-Body Systems, 2013, 54, 307-310.	1.5	0
113	ANALYSIS OF γ - AND π^+ -INDUCED Λ^* RESONANCE PRODUCTION PROCESSES. International Journal of Modern Physics Conference Series, 2014, 26, 1460099.	0.7	0
114	Decay Angular Distributions of K^* and D^* Mesons as a Tool for the Dynamics of Open Strange and Charm Production. Physics of Particles and Nuclei Letters, 2018, 15, 406-410.	0.4	0
115	Hyperons and Neutron Star in Relativistic Mean Field Model. , 2018, , .		0
116	Nuclear Energy Density Functional and the Nuclear Λ^* Decay. Physics of Particles and Nuclei Letters, 2018, 15, 425-430.	0.4	0
117	FINAL STATE INTERACTIONS IN γ PHOTOPRODUCTION NEAR THRESHOLD. , 2002, , .		0
118	f_2 , f_3 , AND π EXCHANGES IN γ -MESON PHOTOPRODUCTION. , 2004, , .		0
119	FLAVOR STRUCTURE OF PENTAQUARK BARYONS IN QUARK MODEL. , 2005, , .		0
120	Baryonic Matter in the Hidden Local Symmetry Induced from Holographic QCD Models. , 2014, , .		0
121	Analysis of virtual meson production in a (χ)	4.7	0