

Daisuke Jido

List of Publications by Year in descending order

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145
papers

3,372
citations

147801

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146
all docs

146
docs citations

146
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral dynamics of the two $\Lambda(1405)$ states. Nuclear Physics A, 2003, 725, 181-200.	1.5	568
2	The nature of the $\Lambda(1405)$ resonance in chiral dynamics. Progress in Particle and Nuclear Physics, 2012, 67, 55-98.	14.4	276
3	Origin of resonances in the chiral unitary approach. Physical Review C, 2008, 78, .	2.9	148
4	Chiral Symmetry of Baryons. Progress of Theoretical Physics, 2001, 106, 873-908.	2.0	134
5	Identifying Multiquark Hadrons from Heavy Ion Collisions. Physical Review Letters, 2011, 106, 212001.	7.8	115
6	Exotic hadrons in heavy ion collisions. Physical Review C, 2011, 84, .	2.9	110
7	Negative-parity nucleon resonance in the QCD sum rule. Physical Review D, 1996, 54, 4532-4536.	4.7	109
8	Compositeness of dynamically generated states in a chiral unitary approach. Physical Review C, 2012, 85, .	2.9	107
9	Exotic hadrons from heavy ion collisions. Progress in Particle and Nuclear Physics, 2017, 95, 279-322.	14.4	104
10	Weak decays of heavy hadrons into dynamically generated resonances. International Journal of Modern Physics E, 2016, 25, 1630001.	1.0	100
11	state with K^* resonance. Physical Review C, 2008, 78, .	2.9	82
12	Chiral-Symmetry Realization for Even- and Odd-Parity Baryon Resonances. Physical Review Letters, 2000, 84, 3252-3255.	7.8	75
13	Meson exchange in the weak decay of Λ hypernuclei and the Λ^0/Λ^+ ratio. Nuclear Physics A, 2001, 694, 525-555.	1.5	69
14	Chiral symmetry for positive and negative parity nucleons. Nuclear Physics A, 2000, 671, 471-480.	1.5	67
15	Magnetic moments of the $\Lambda(1405)$ and $\Lambda(1670)$ resonances. Physical Review C, 2002, 66, .	2.9	65
16	state in a three-body calculation. Physical Review C, 2008, 78, .	2.9	50
17	Detailed Analysis of the Chiral Unitary Model for Meson-Baryon Scattering with Flavor SU(3) Breaking Effects. Progress of Theoretical Physics, 2004, 112, 73-97.	2.0	52
18	Formation of $\Lambda(1405)$ hypernuclei by the $\Lambda(1405)$ resonance. Physical Review C, 2008, 78, .	2.9	52

#	ARTICLE	IF	CITATIONS
19	<p>critical bound state of $\bar{N}^*(1535)$ in chiral models. Physical Review C, 2013, 88, .</p> <p>partial restoration of chiral symmetry in the in-medium $\bar{N}^*(1535)$ state in chiral dynamics. Physical Review C, 2011, 83, .</p>	2.9	48
20	<p>and $\bar{N}^*(1535)$ based on chiral effective theory. Physical Review C, 2013, 88, .</p> <p>Internal structure of the resonant $\bar{N}^*(1535)$ state in chiral dynamics. Physical Review C, 2011, 83, .</p>	2.9	48
21	<p>Formation of mesic nuclei by reactions. Nuclear Physics A, 2005, 761, 92-119.</p>	2.9	46

22 Formation of mesic nuclei by reactions. Nuclear Physics A, 2005, 761, 92-119. 1.5 43

23 Decays of Λ^* baryons in chiral effective theory. Physical Review D, 1998, 57, 4124-4135. 4.7 38

24 Study of exotic hadrons in S-wave scatterings induced by chiral interaction in the flavor symmetric limit. Physical Review D, 2007, 75, . 4.7 38

25 $\bar{N}^*(1535)$ -nucleus interactions and in-medium properties of $\bar{N}^*(1535)$ in chiral models. Physical Review C, 2003, 68, 2.9 37

26 Measurement of Excitation Spectra in the $\bar{N}^*(1535)$ state in chiral models. Physical Review C, 2003, 68, .

#	ARTICLE	IF	CITATIONS
37	Exotic Hadrons ins-Wave Chiral Dynamics. Physical Review Letters, 2006, 97, 192002.	7.8	27
38	Branching ratios of mesonic and nonmesonic antikaon absorptions in the nuclear medium. Physical Review C, 2012, 86, .	2.9	27
39	Sigma meson in pole-dominated QCD sum rules. Physical Review D, 2008, 78, .	4.7	26
40	Suppression of $\pi N N^*$ Coupling and Chiral Symmetry. Physical Review Letters, 1998, 80, 448-451.	7.8	25
41	Chiral condensate at finite density using the chiral Ward identity. Physical Review C, 2013, 88, .	2.9	24
42	Nature of the f_0 meson as revealed by its softening process. Nuclear Physics A, 2010, 848, 341-365.	1.5	23
43	The nature of $\Lambda(1405)$ hyperon resonance in chiral dynamics. Nuclear Physics A, 2010, 835, 59-66.	1.5	20
44	Diquarks: A QCD sum rule perspective. Physical Review C, 2011, 84, .	2.9	20
45	Photoproduction of $\Lambda(1405)$ with the N^* and the t -channel Regge contributions. Physical Review D, 2017, 96, .	4.7	17
46	Quark confinement potential examined by excitation energy of the Λ_{cb} and Λ_{cb} baryons in a quark-diquark model. Progress of Theoretical and Experimental Physics, 2016, 2016, 083D02.	6.6	14
47	Testing the tetraquark structure for the X resonances in the low-lying region. European Physical Journal A, 2016, 52, 1.	2.5	14
48	Pentaquark state in pole-dominated QCD sum rules. Physical Review C, 2006, 74, .	2.9	12
49	Excitation energy spectra of the Λ_{cb} and Λ_{cb} baryons in a finite-size diquark model. Progress of Theoretical and Experimental Physics, 2017, 2017, .	6.6	12
50	Exotic hadrons and hadron-hadron interactions in heavy-ion collisions. Nuclear Physics A, 2013, 914, 377-386.	1.5	9
51	Further signatures to support the tetraquark mixing framework for the two light-meson nonets. Physical Review D, 2019, 99, .	4.7	9
52	The $\Lambda^2 N$ interaction from a chiral effective model and $\Lambda^2 N$ bound state. Hyperfine Interactions, 2015, 234, 71-76.	0.5	8
53	Structure of $\Lambda(1405)$ and chiral dynamics. Nuclear Physics A, 2005, 755, 669-672.	1.5	7
54	Investigation of the $\Lambda^2 N$ system using the linear sigma model. Progress of Theoretical and Experimental Physics, 2017, 2017, 013D01.	6.6	7

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55	Negative parity baryons in the QCD sum rule. Nuclear Physics A, 1998, 629, 156-159.	1.5	6
56	Inverse mass hierarchy of light scalar mesons driven by anomaly-induced flavor breaking. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	6
57	Chiral Symmetry Aspects of Positive and Negative Parity Baryons. Progress of Theoretical Physics Supplement, 2003, 149, 203-214.	0.1	5
58	In-Medium Pions and Partial Restoration of Chiral Symmetry: A Model-Independent Analysis. Progress of Theoretical Physics Supplement, 2007, 168, 478-481.	0.1	5
59	STRUCTURE AND FORMATION OF KAONIC ATOMS AND KAONIC NUCLEI. Modern Physics Letters A, 2008, 23, 2528-2531.	1.2	5
60	Meson-baryon nature of the $\Lambda(1405)$ in chiral dynamics. Nuclear Physics A, 2010, 835, 402-405.	1.5	5
61	The $\bar{K}NN$ coupling with direct coupling and loops. Nuclear Physics A, 2002, 709, 345-363.	1.5	4
62	Dynamical generation of hyperon resonances. Nuclear Physics A, 2005, 754, 202-211.	1.5	4
63	DYNAMICALLY GENERATED RESONANCES IN THE CHIRAL UNITARY APPROACH TO MESON BARYON INTERACTION. International Journal of Modern Physics A, 2005, 20, 1619-1626.	1.5	4
64	$\Lambda(1405)$ IN CHIRAL SU(3) DYNAMICS. Modern Physics Letters A, 2008, 23, 2393-2396.	1.2	4
65	Spin- $\frac{3}{2}$ pentaquark in QCD sum rules. Physical Review D, 2009, 79, .	4.7	4
66	Spectroscopy of Λ^2 Mesic Nuclei with (p, d) Reaction. Few-Body Systems, 2013, 54, 1263-1266.	1.5	4
67	Spectroscopy of Λ^2 -nucleus bound states at GSI and FAIR Λ^2 very preliminary results and future prospects Λ^2 . Hyperfine Interactions, 2015, 234, 33-39.	0.5	4
68	Theoretical study of photoproduction of an Λ^2 state on a deuteron target with forward proton emission. Physical Review C, 2016, 94, .	2.9	4
69	Structure of η' mesonic nuclei in a relativistic mean field theory. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	4
70	In-medium properties of $N^*(1535)$ in chiral models and Λ -nucleus interaction. Nuclear Physics A, 2005, 755, 491-494.	1.5	3
71	Study of Exotic Hadrons in s-Wave Chiral Dynamics. Progress of Theoretical Physics Supplement, 2007, 168, 32-35.	0.1	3
72	THE STRUCTURE OF $N(1535)$ IN THE ASPECT OF CHIRAL SYMMETRY. Modern Physics Letters A, 2008, 23, 2389-2392.	1.2	3

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73	Possible quantum numbers of the pentaquark $\frac{1}{\sqrt{2}}(\bar{u}d + \bar{d}u) \frac{1}{\sqrt{2}}(\bar{c}b + \bar{b}c)$ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 727 Td (stretchy="false")	4.7	3
74	Three-body hadron systems with strangeness. Nuclear Physics A, 2013, 914, 280-288.	1.5	3
75	Mesonic and non-mesonic branching ratios of K^0 absorption in the nuclear medium. Nuclear Physics A, 2013, 914, 338-343.	1.5	3
76	Dynamical supersymmetry for the strange quark and ud antiquark in the hadron mass spectrum. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	3
77	Structure of double pionic atoms. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	3
78	Density dependence of the quark condensate in isospin-asymmetric nuclear matter. Physical Review C, 2021, 104, .	2.9	3
79	Sum rule for the partial decay rates of bottom hadrons based on the dynamical supersymmetry of the quark and the diquark. Physical Review D, 2022, 105, .	4.7	3
80	Exotic Hadron in Pole-Dominated QCD Sum Rules. Progress of Theoretical Physics Supplement, 2007, 168, 58-61.	0.1	2
81	Compositeness of bound states in chiral unitary approach. , 2010, , .		2
82	Chiral condensate in nuclear matter beyond linear density using chiral Ward identity. EPJ Web of Conferences, 2012, 37, 08010.	0.3	2
83	$\hat{1}'$ meson under partial restoration of chiral symmetry in nuclear medium. EPJ Web of Conferences, 2012, 37, 09019.	0.3	2
84	Complex 2D matrix model and geometrical map on the complex-Nc plane. Progress of Theoretical and Experimental Physics, 2013, 2013, .	6.6	2
85	K^+ nucleus elastic scattering revisited from the perspective of partial restoration of chiral symmetry. Progress of Theoretical and Experimental Physics, 2017, 2017, .	6.6	2
86	KN scattering amplitude revisited in a chiral unitary approach and a possible broad resonance in S = +1 channel. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	2
87	The role of the $U(1)$ breaking term in dynamical chiral symmetry breaking of chiral effective theories. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	2
88	Survival probabilities of charmonia as a clue to measure transient magnetic fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136498.	4.1	2
89	Chiral symmetry of baryons. AIP Conference Proceedings, 2001, , .	0.4	1
90	$\hat{1}$ -Mesic Nuclei in Chiral Models. Progress of Theoretical Physics Supplement, 2004, 153, 340-343.	0.1	1

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91	Photo- and electro-production of mesons on nucleons and nuclei. Progress in Particle and Nuclear Physics, 2008, 61, 260-275.	14.4	1
92	STUDY OF IN-MEDIUM PROPERTIES OF $N^*(1535)$ AND CHIRAL SYMMETRY FOR BARYONS THROUGH THE $\hat{1}$ -MESIC NUCLEI FORMATION AT J-PARC. Modern Physics Letters A, 2008, 23, 2512-2515.	1.2	1
93	ELECTRIC MEAN SQUARED RADII OF $\hat{1}(1405)$ IN CHIRAL DYNAMICS. Modern Physics Letters A, 2008, 23, 2421-2424.	1.2	1
94	FORMATION OF $\hat{1}$ -MESIC NUCLEI BY $(\bar{1}, N)$ REACTION AND CHIRAL SYMMETRY FOR BARYONS. International Journal of Modern Physics E, 2009, 18, 2202-2206.	1.0	1
95	Dynamically generated resonances. Chinese Physics C, 2009, 33, 1132-1139.	3.7	1
96	A new N^* resonance as a hadronic molecular state. Chinese Physics C, 2009, 33, 1312-1317.	3.7	1
97	Formation of $\hat{1}$ -Mesic Nuclei at JPARC And COSY. , 2010, , .		1
98	$\hat{1}(1405)$ and kaonic few-body states in chiral dynamics. AIP Conference Proceedings, 2011, , .	0.4	1
99	Exotics from Heavy Ion Collisions. , 2011, , .		1
100	Nuclear density probed by anti-kaon $\hat{1}$ nucleus systems and anti-kaon $\hat{1}$ nucleus interaction. Nuclear Physics A, 2013, 914, 344-348.	1.5	1
101	A QCD Sum Rule Approach with an Explicit Di-quark Field. Few-Body Systems, 2013, 54, 271-274.	1.5	1
102	Spectroscopy of $\hat{1}$ -Mesic Nuclei via Semi-Exclusive Measurement at FAIR. EPJ Web of Conferences, 2014, 66, 09006.	0.3	1
103	Hadron Physics at J-PARC $\hat{1}$ "Exotic Hadrons and Hadrons in Nuclei $\hat{1}$ ". , 2015, , .		1
104	Chiral symmetry for positive and negative parity nucleons. Nuclear Physics A, 2000, 670, 96-99.	1.5	0
105	Chiral symmetry of baryons. Nuclear Physics A, 2003, 721, C705-C710.	1.5	0
106	Dynamical Baryon Resonances from Chiral Unitarity. , 2004, , .		0
107	Role of Chiral Symmetries for Baryons. Progress of Theoretical Physics Supplement, 2007, 168, 482-485.	0.1	0
108	SCALAR NONETS IN POLE-DOMINATED QCD SUM RULES. Modern Physics Letters A, 2008, 23, 2230-2233.	1.2	0

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109	QCD Sum Rules and $1/N_c$ Expansion. Progress of Theoretical Physics Supplement, 2008, 174, 258-261.	0.1	0
110	Electromagnetic Mean Squared Radii of $\hat{\Lambda}(1405)$ in Meson-Baryon Dynamics with Chiral Symmetry. Progress of Theoretical Physics Supplement, 2008, 174, 266-269.	0.1	0
111	Formation of mesic nuclei by the reaction and properties of N^*	2.9	0
112	Reaction dynamics for photoproductions of baryon resonances. Chinese Physics C, 2009, 33, 1167-1174.	3.7	0
113	Baryon resonances as hadronic molecule states with kaons. Hyperfine Interactions, 2009, 193, 253-259.	0.5	0
114	Meson and Baryon resonances. Nuclear Physics A, 2009, 827, 255c-260c.	1.5	0
115	pentaquarks in QCD sum rules. Nuclear Physics A, 2010, 835, 342-345.	1.5	0
116	The $\hat{\Lambda}(1405)N \rightarrow \Lambda^0 p$ transition in the nuclear medium for non-mesonic absorption of a Λ in nuclei. Nuclear Physics A, 2010, 835, 390-393.	1.5	0
117	Possible Quantum Numbers of $\hat{\Lambda}^+(1540)$ in QCD Sum Rules. Progress of Theoretical Physics Supplement, 2010, 186, 193-198.	0.1	0
118	Pseudoscalar Mesons in Nuclei and Partial Restoration of Chiral Symmetry. Progress of Theoretical Physics Supplement, 2010, 186, 294-299.	0.1	0
119	Hadronic molecules in chiral dynamics. Journal of Physics: Conference Series, 2011, 302, 012053.	0.4	0
120	Origin and compositeness of baryons in chiral dynamics. , 2011, , .		0
121	A QCD Sum Rule Approach with an Explicit Di-quark field. , 2011, , .		0
122	A THEORETICAL MODEL FOR FORMATION OF $\hat{\Lambda}^-$ - ^4He BOUND STATE BY $d + d$ REACTION. International Journal of Modern Physics A, 2011, 26, 444-449.	1.5	0
123	Structure and Formation of $\hat{\Lambda}^-$ - and Ξ^- -Nucleus Systems. , 2011, , .		0
124	Probing internal structure of $\hat{\Lambda}(1405)$ in meson-baryon dynamics with chiral symmetry. , 2011, , .		0
125	Baryon resonances as dynamically generated states in chiral dynamics. , 2012, , .		0
126	Hadron resonances with coexistence of different natures. EPJ Web of Conferences, 2012, 20, 01005.	0.3	0

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127	Spectroscopy of Λ^2 -nucleus bound states at GSI-SIS. EPJ Web of Conferences, 2012, 37, 02005.	0.3	0
128	Formation of $\Lambda^2(958)$ mesic nuclei. EPJ Web of Conferences, 2012, 37, 02001.	0.3	0
129	Formation of deeply bound pionic atoms in Sn isotopes. EPJ Web of Conferences, 2012, 37, 09018.	0.3	0
130	Hadronic Few-Body Systems in Chiral Dynamics. Few-Body Systems, 2013, 54, 939-945.	1.5	0
131	Composite and Elementary Components in Hadron Resonances. Few-Body Systems, 2013, 54, 19-24.	1.5	0
132	Missing Mass Spectroscopy of Λ^2 Mesic Nuclei with the (p,d) Reaction at GSI. EPJ Web of Conferences, 2014, 66, 09019.	0.3	0
133	Search for Λ^2 mesic nuclei by missing-mass spectroscopy of the $^{12}\text{C}(p,d)$ reaction. EPJ Web of Conferences, 2016, 130, 02010.	0.3	0
134	Excitation Spectra of Carbon Nuclei near (η') Emission Threshold. , 2017, , .		0
135	DETERMINATION OF THE AXIAL COUPLING CONSTANT G_{A} IN THE LINEAR REPRESENTATIONS OF CHIRAL SYMMETRY. , 2002, , .		0
136	Baryon resonances as hadronic molecule states with kaons. , 2009, , 253-259.		0
137	Origin of resonances in chiral dynamics. , 2010, , .		0
138	Formation of $\Lambda^2(958)$ Bound States in Nuclei. , 2014, , .		0
139	Complex 2D Matrix Model and Its Application to Nc-dependence of Hadron Structures. , 2014, , .		0
140	Spectroscopy of η' mesic nuclei using (p,d) reaction. , 2014, , .		0
141	Theoretical analysis of $\Lambda(1405)$ photoproduction. , 2014, , .		0
142	Two-body Wave Functions, Compositeness, And The Internal Structure Of Dynamically Generated Resonances. , 2017, , .		0
143	Mesons in Nuclei and Partial Restoration of Chiral Symmetry. , 2017, , .		0
144	Excitation spectra of heavy baryons in diquark models. Progress of Theoretical and Experimental Physics, 0, , .	6.6	0

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145	Systematic study of hadronic excitation energy using the Schottky anomaly. Physical Review D, 2021, 104, .	4.7	0