

# Manuel Jose Vicente Vacas

## List of Publications by Year in descending order

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167  
papers

4,702  
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94433

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173  
all docs

173  
docs citations

173  
times ranked

1545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inclusive charged-current neutrino-nucleus reactions. Physical Review C, 2011, 83, .	2.9	273
2	Dynamically generated open and hidden charm meson systems. Physical Review D, 2007, 76, .	4.7	238
3	Chiral unitary approach to S-wave meson baryon scattering in the strangeness S=0 sector. Physical Review C, 2002, 65, .	2.9	225
4	Computer simulation of inclusive pion nuclear reactions. Nuclear Physics A, 1988, 484, 557-592.	1.5	195
5	The nucleon axial mass and the MiniBooNE quasielastic neutrino-nucleus scattering problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 72-75.	4.1	193
6	S=1 meson-baryon unitarized coupled channel chiral perturbation theory and the $\Sigma(1405)$ and $\Sigma(1670)$ . Physical Review D, 2003, 67, .	4.7	184
7	Neutrino-nucleus quasi-elastic and 2p2h interactions up to 10 GeV. Physical Review D, 2013, 88, .	4.7	152
8	Baryonic resonances from baryon decuplet-meson octet interaction. Nuclear Physics A, 2005, 750, 294-323.	1.5	131
9	Leading SU(3)-Breaking Corrections to the Baryon Magnetic Moments in Chiral Perturbation Theory. Physical Review Letters, 2008, 101, 222002.	7.8	107
10	Neutrino energy reconstruction and the shape of the charged current quasielastic-like total cross section. Physical Review D, 2012, 85, .	4.7	97
11	$\Sigma$ meson mass and decay width in nuclear matter. Physical Review C, 2003, 67, .	2.9	84
12	A model for the $\bar{\Sigma}^+ p \rightarrow \bar{\Sigma}^+ n$ reaction. Nuclear Physics A, 1985, 446, 584-612.	1.5	81
13	Mass dependence of inclusive nuclear $\Sigma$ photoproduction. Nuclear Physics A, 2004, 733, 130-141.	1.5	75
14	Two particle-hole excitations in charged current quasielastic antineutrino-nucleus scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 90-93.	4.1	75
15	Nuclear effects in neutrino production of $\Sigma^+$ at intermediate energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 23-28.	4.1	69
16	Lowest-lying baryon masses in covariant SU(3)-flavor chiral perturbation theory. Physical Review D, 2010, 82, .	4.7	65
17	Chiral approach to the rho meson in nuclear matter. Nuclear Physics A, 2002, 705, 90-118.	1.5	64
18	$\Sigma$ meson mass and decay width in nuclear matter. Physical Review D, 2010, 81, .	4.7	64

#	ARTICLE	IF	CITATIONS
19	Inclusive nucleon emission induced by quasielastic neutrino-nucleus interactions. <i>Physical Review C</i> , 2006, 73, .	2.9	63
20	Dynamically generated resonances from the vector octet-baryon decuplet interaction. <i>European Physical Journal A</i> , 2010, 44, 431-443.	2.5	63
21	$\hat{I}^3/2 \hat{d} \hat{I}^3/4 \hat{a} \hat{I}^3$ ++nreaction and axial vector $N \hat{a} \hat{I}^3$ coupling. <i>Physical Review C</i> , 1999, 59, 3386-3392.	2.9	61
22	Nucleon mass and pion-nucleon sigma term from a chiral analysis of lattice QCD data. <i>Physical Review D</i> , 2013, 88, .	4.7	61
23	Neutron and proton spectra from the decay of $\Lambda$ hypernuclei. <i>Physical Review C</i> , 1997, 55, 735-744.	2.9	60
24	Electromagnetic structure of the lowest-lying decuplet resonances in covariant chiral perturbation theory. <i>Physical Review D</i> , 2009, 80, .	4.7	60
25	The role of $\hat{I}^3(1700)$ excitation and $\Lambda$ production in double pion photoproduction. <i>Nuclear Physics A</i> , 2001, 695, 295-327.	1.5	58
26	Inclusive ( $\hat{I}^3, N$ ), ( $\hat{I}^3, NN$ ) and ( $\hat{I}^3, N \hat{I}^3$ ) reactions in nuclei at intermediate energies. <i>Nuclear Physics A</i> , 1994, 570, 701-721.	1.5	57
27	Single $\hat{I}^3$ production in neutrino-nucleus scattering. <i>Physical Review D</i> , 2013, 87, .	4.7	56
28	Charged current neutrino-induced coherent pion production. <i>Physical Review C</i> , 2007, 75, .	2.9	55
29	Octet-baryon axial-vector charges and $S$ $U$ $3$ (stretchy="false") $T_j$ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 337 4d (stretchy="false") <i>Physical Review D</i> , 2014, 90, .	4.7	54
30	The $\Lambda$ meson in a nuclear medium through two pion photoproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 541, 77-86.	4.1	52
31	Sequential vector and axial-vector meson exchange and chiral loops in radiative phi decay. <i>Nuclear Physics A</i> , 2003, 729, 743-768.	1.5	46
32	Chiral non-perturbative approach to the isoscalar s-wave $\hat{I}^3 \hat{I}^3$ interaction in a nuclear medium. <i>Nuclear Physics A</i> , 1998, 644, 77-92.	1.5	44
33	Neutral current coherent pion production. <i>Physical Review C</i> , 2007, 76, .	2.9	41
34	Meson-exchange currents in pion-nucleus double-charge-exchange reactions. <i>Nuclear Physics A</i> , 1983, 408, 461-477.	1.5	39
35	Inclusive ( $\hat{I}^3, 2 \hat{I}^3$ ) reactions in nuclei. <i>Nuclear Physics A</i> , 1986, 454, 637-652.	1.5	39
36	Charged current weak electroproduction of the $\Lambda$ resonance. <i>Physical Review C</i> , 1998, 57, 2693-2699.	2.9	38

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37	Coherent pion production in the $(\pi^+ p)$ reaction in nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 319, 416-420.	4.1	37
38	Leading-order decuplet contributions to the baryon magnetic moments in chiral perturbation theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 676, 63-68.	4.1	37
39	Production of pionic modes in relativistic heavy-ion collisions. Nuclear Physics A, 1989, 505, 823-834.	1.5	35
40	Projectile delta excitation in alpha-proton scattering. Nuclear Physics A, 1995, 586, 586-606.	1.5	35
41	Masses of doubly charmed baryons in the extended on-mass-shell renormalization scheme. Physical Review D, 2016, 93, .	4.7	35
42	Weak quasielastic production of hyperons. Physical Review D, 2006, 74, .	4.7	34
43	Watson's theorem and the $N \rightarrow \Lambda$ transition. Physical Review D, 2006, 74, .	4.7	31
44	Pion production by pions in the $16\text{O}(\pi^+, \pi^+ \pi^0)$ reaction at $T_{\pi^+} = 280$ MeV. Nuclear Physics A, 1989, 492, 509-528.	1.5	30
45	Weak kaon production off the nucleon. Physical Review D, 2010, 82, .	4.7	30
46	$SU(3)$ -breaking corrections to the hyperon vector coupling. Physical Review D, 2009, 79, .	4.7	29
47	Neutrino induced coherent pion production off nuclei and the partial conservation of the axial current. Physical Review D, 2009, 80, .	4.7	28
48	Nuclear medium effects in $\pi N$ scattering. Physical Review C, 2011, 84, .	2.9	28
49	Two pion decay of the Roper resonance. Physical Review C, 2002, 66, .	2.9	26
50	Protonium annihilation into two mesons. Zeitschrift für Physik A, 1991, 338, 103-110.	0.9	25
51	s-wave pion nucleon scattering lengths from $\pi N$ , pionic hydrogen, and deuteron data. Physical Review C, 2004, 70, .	2.9	25
52	Extraction of nucleon axial charge and radius from lattice QCD results using baryon chiral perturbation theory. Physical Review D, 2017, 96, .	4.7	25
53	Coherent pion production induced by protons and light ions. Nuclear Physics A, 1995, 592, 472-486.	1.5	24
54	Nucleon-to- $\Lambda$ axial transition form factors in relativistic baryon chiral perturbation theory. Physical Review D, 2008, 78, .	4.7	24

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55	Electromagnetic form factors of spin- 1/2 doubly charmed baryons. Physical Review D, 2018, 98, .	4.7	24
56	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \tilde{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ meson self-energy in nuclear matter from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \tilde{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ resonant interactions. Physical Review C, 2017, 95, .	2.9	23
57	Photoproduction of $K^+ \pi^-$ for the study of $\hat{\rho}(1405)$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 75-81. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	4.1	22
58	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ induced threshold production of two pions and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle * \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$	4.7	22
59	Nuclear medium modification of the structure function. Nuclear Physics A, 2011, 857, 29-41.	1.5	22
60	Coherent $\tilde{\Gamma} \pi^0$ electroproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 304, 198-202. Chiral dynamics in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \tilde{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$	4.1	20
61	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ induced $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$	4.1	20
62	Two-meson doorway model of low energy antiproton-proton annihilation. Nuclear Physics A, 1991, 523, 499-516.	1.5	19
63	Chiral coupled channel dynamics of the $\hat{\rho}(1520)$ and the $K^+ \pi^+ \tilde{\Gamma} \pi^0$ reaction. Physical Review C, 2005, 72, .	2.9	19
64	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ induced $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$	4.7	19
65	Peripheral transverse densities of the baryon octet from chiral effective field theory and dispersion analysis. Nuclear Physics A, 2017, 964, 18-54.	1.5	18
66	$\tilde{\Gamma} \pi^+ \hat{\rho}^+ \tilde{\Gamma} \pi^+ \tilde{\Gamma} \pi^0$ on deuterium at $T_{\text{lab}} = 283$ MeV. Nuclear Physics A, 1998, 638, 729-746.	1.5	17
67	$\tilde{\Gamma}^*(1232)$ resonance in the $\tilde{\Gamma} \pi^+ \hat{\rho}^+ \tilde{\Gamma} \pi^0$ reaction at threshold. Physical Review D, 2016, 93, .	4.7	17
68	CP -violating decays of the pseudoscalars $\hat{\rho}^-$ and $\hat{\rho}^0$ and their connection to the electric dipole moment of the neutron. Physical Review D, 2017, 95, .	4.7	17
69	Double pion photoproduction in nuclei. Nuclear Physics A, 1995, 588, 819-828.	1.5	16
70	Nuclear effects in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle F \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ structure function of nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 133-142.	4.1	16
71	the $\tilde{\Gamma}^*$ interaction contribution to double charge exchange. Nuclear Physics A, 1988, 483, 514-538.	1.5	15
72	Inclusive pion-nucleus double charge exchange. Physical Review C, 1989, 39, 209-215.	2.9	15

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73	$\pi^+ \pi^0$ Coincidence measurement in the $\pi^+ d \rightarrow \pi^+ \pi^0 p$ reaction at $T_{\pi^+} = 280$ MeV. Nuclear Physics A, 1990, 517, 455-472.	1.5	15
74	Nuclear effects in neutrino production of $\pi^+$ at intermediate energies [Phys. Lett. B 416 (1998) 23]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 423, 428.	4.1	15
75	Test of $\pi^+$ renormalization in nuclei through $\pi^+$ photoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 508, 237-242.	4.1	15
76	Scalar $\pi$ -Nucleon interaction in a chiral unitary approach. Physical Review C, 2006, 74, .	2.9	15
77	Proton and light ion induced charge exchange reactions in nuclei. Physica Scripta, 1993, 48, 101-104.	2.5	14
78	Light scalar mesons in $\pi^+ \pi^0$ meson-meson decays in a chiral unitary approach. Physical Review C, 2004, 69, .	2.9	14
79	Weak pion production off the nucleon in covariant chiral perturbation theory. Physical Review D, 2018, 98, .	4.7	14
80	Meson exchange currents in pion double charge exchange. Physical Review C, 1991, 44, 2480-2483.	2.9	13
81	Evaluation of the $\pi^+ \pi^0$ -scattering amplitude in the $f$ -channel at finite density. Physical Review C, 2005, 72, .	2.9	12
82	Renormalization of the $\pi$ and scalar resonances in a nuclear medium. Nuclear Physics A, 2000, 678, 424-442.	1.5	10
83	Study of a possible $S = + 1$ dynamically generated baryonic resonance. European Physical Journal A, 2005, 24, 287-292.	2.5	10
84	Pion photoproduction off nucleons in covariant chiral perturbation theory. Physical Review D, 2019, 100, .	4.7	10
85	Pion-induced pion production on deuterium: a quasifree process. Nuclear Physics A, 1992, 548, 562-578.	1.5	9
86	$1H(\pi^+, 2\pi^0)$ cross sections with $\pi^+ \pi^0$ scattering derived from chiral lagrangians. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 287-291.	4.1	9
87	Inclusive pion double charge exchange on $^{16}O$ at $0.6 \leq T_{\pi^+} \leq 1.1$ GeV. Nuclear Physics A, 2003, 723, 389-407.	1.5	9
88	Two-meson cloud contribution to the baryon antidecuplet binding. Physical Review C, 2005, 71, .	2.9	9
89	Charged kaon production by coherent scattering of neutrinos and antineutrinos on nuclei. Physical Review C, 2013, 87, .	2.9	9
90	Antineutrino induced $\pi^+$ production off the proton. Physical Review C, 2015, 91, .	2.9	9

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91	Pion absorption in medium and heavy nuclei. Nuclear Physics A, 1994, 568, 855-872.	1.5	8
92	Chiral dynamics of baryon resonances and hadrons in a nuclear medium. Pramana - Journal of Physics, 2006, 66, 731-752.	1.8	8
93	The nucleon axial mass and the MiniBooNE CCQE neutrino-nucleus data. Journal of Physics: Conference Series, 2013, 408, 012040.	0.4	8
94	Comment on "Comparison of approximate chiral-dynamical models used in $A(\pi, 2\pi)$ calculations". Physical Review C, 1986, 34, 2349-2350.	2.9	7
95	Absorption contribution to the pion double-charge-exchange reaction. Physical Review C, 1992, 46, 2406-2414.	2.9	7
96	Meson exchange currents in pion double charge exchange at high energies. Journal of Physics G: Nuclear and Particle Physics, 1996, 22, L45-L49.	3.6	7
97	Two pion mediated scalar isoscalar NN interaction in the nuclear medium. Physical Review C, 2006, 73, .	2.9	7
98	PION DOUBLE CHARGE EXCHANGE REACTIONS LEADING TO DOUBLE PIONIC ATOMS. Modern Physics Letters A, 1992, 07, 2991-2998.	1.2	6
99	Inclusive nucleon emission induced by quasi-elastic neutrino-nucleus interactions. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 263-265.	0.4	6
100	Charged lepton induced one kaon production off the nucleon. Physical Review D, 2013, 87, .	4.7	6
101	Neutrino-nucleus CCQE-like scattering. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1830-1835.	0.5	6
102	Consistency between SU(3) and SU(2) covariant baryon chiral perturbation theory for the nucleon mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 325-333.	4.1	6
103	Threshold pion electro- and photoproduction off nucleons in covariant chiral perturbation theory. Physical Review D, 2020, 102, .	4.7	6
104	$\pi^+\pi^+$ coincidence measurement in the $4\text{He}(\pi^+, \pi^+\pi^+)$ reaction at $T_{\pi^+} = 280$ MeV. Nuclear Physics A, 1992, 548, 541-561.	1.5	5
105	The $K+p \rightarrow \Lambda^0 \pi^+$ reaction near threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 386, 39-44.	4.1	5
106	Mass and width of the $f_0$ meson at finite density. Nuclear Physics A, 2003, 721, C301-C304.	1.5	5
107	Baryon Resonances. Nuclear Physics A, 2010, 835, 271-278.	1.5	5
108	Charged current weak production of the $\Lambda(1520)$ resonance. Nuclear Physics A, 2000, 663-664, 837c-840c.	1.5	4

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109	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
110	Baryon decuplet in the chiral dynamics of $\hat{\Lambda}$ hyperons in nuclear matter. Physical Review C, 2007, 75, .	2.9	4
111	PRODUCTION OF TWO PIONS INDUCED BY NEUTRINOS. Modern Physics Letters A, 2008, 23, 2309-2312.	1.2	4
112	NEUTRINO NUCLEUS CROSS-SECTIONS. International Journal of Modern Physics E, 2009, 18, 1469-1481.	1.0	4
113	Nucleon mass and pion-nucleon sigma term from a chiral analysis of lattice QCD world data. EPJ Web of Conferences, 2014, 73, 04015.	0.3	4
114	Meson exchange currents in kaon scattering on the lightest nuclei. Physical Review C, 1997, 55, 2985-2990.	2.9	3
115	Non-mesonic weak decay of A hypernuclei. Nuclear Physics A, 1998, 639, 307c-316c.	1.5	3
116	CHIRAL UNITARY APPROACH TO HADRON SPECTROSCOPY. International Journal of Modern Physics A, 2003, 18, 387-396.	1.5	3
117	Kaon-antikaon nuclear optical potentials and the $\hat{\Lambda}$ meson in the nuclear medium. Physical Review C, 2004, 69, .	2.9	3
118	Production of $\Lambda$ hypernuclei. Nuclear Physics A, 2004, 337, 1-12. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x</small>	4.1	3
119	Properties of hyperons in chiral perturbation theory. Nuclear Physics A, 2010, 835, 337-341.	1.5	3
120	Weak production of strange particles and $\hat{\Lambda}$ mesons off the nucleon. AIP Conference Proceedings, 2015, , .	0.4	3
121	Weak $\hat{\Lambda}$ production off the nucleon. AIP Conference Proceedings, 2015, , .	0.4	3
122	Recoilles and resonant production of double-pion atoms. Nuclear Physics A, 1992, 541, 687-698.	1.5	2
123	The $S_{01} \hat{\Lambda}^*(1405)$ and $\hat{\Lambda}^*(1670)$ resonances in meson-baryon unitarized coupled channel chiral perturbation theory. Nuclear Physics A, 2003, 721, C579-C582.	1.5	2
124	$\hat{\Lambda}$ meson in a nuclear medium through two pion photoproduction. Nuclear Physics A, 2003, 721, C719-C722.	1.5	2
125	( $^3\text{He}, t$ ) reactions on unstable nuclei at intermediate energies. Nuclear Physics A, 1995, 587, 787-801.	1.5	1
126	Coherent, semicoherent and incoherent pion production in heavy-ion reactions. Nuclear Physics A, 1996, 611, 568-586.	1.5	1



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127	Spectra of fast $\pi^-$ + mesons from the $\pi^- \hat{A} \hat{A}' \pi^- + X$ reaction on oxygen and lithium nuclei at 0.59 GeV. Physics of Atomic Nuclei, 2002, 65, 229-235.	0.4	1
128	Experimental signals of $\sigma$ -mesons in nuclei and chiral symmetry. European Physical Journal A, 2003, 18, 479-481.	2.5	1
129	Baryonic Resonances from Baryon Decuplet-Meson Octet Interactions and the Exotic Resonance , , Nuclear Physics A, 2005, 755, 665-668.	1.5	1
130	Determination of the S-wave pion nucleon scattering lengths from $\pi N$ , pionic hydrogen and deuteron. Nuclear Physics A, 2005, 755, 673-676.	1.5	1
131	A dependence of inclusive pion double charge exchange. Physics of Atomic Nuclei, 2005, 68, 1283-1287.	0.4	1
132	Recent developments in chiral dynamics of hadrons and hadrons in a nuclear medium. Nuclear Physics A, 2007, 782, 259-266.	1.5	1
133	Scalar isoscalar part of the hyperon-nucleon interaction. European Physical Journal A, 2007, 31, 557-559.	2.5	1
134	RECENT DEVELOPMENTS IN CHIRAL UNITARY DYNAMICS OF RESONANCES. Modern Physics Letters A, 2008, 23, 2201-2208.	1.2	1
135	CHIRAL PERTURBATION THEORY STUDY OF THE AXIAL $N \hat{A}' \hat{A}''(1232)$ TRANSITION. Modern Physics Letters A, 2008, 23, 2246-2249.	1.2	1
136	Study of the derivative expansions for the nuclear structure functions. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 015104.	3.6	1
137	Neutrino induced weak pion production off the nucleon and coherent pion production in nuclei at low energies. , 2009, , .		1
138	Vector baryon interaction and dynamically generated resonances. , 2010, , .		1
139	Strange particle production at low and intermediate energies. AIP Conference Proceedings, 2011, , .	0.4	1
140	Weak quasielastic production of hyperons and threshold production of two pions. AIP Conference Proceedings, 2015, , .	0.4	1
141	Neutrino induced one-pion production in the Delta region and Watson's theorem. AIP Conference Proceedings, 2015, , .	0.4	1
142	Chiral unitary theory: Application to nuclear problems. Pramana - Journal of Physics, 2001, 57, 417-431.	1.8	0
143	S = -1 meson-baryon scattering in coupled-channel unitarized Chiral Perturbation Theory. European Physical Journal A, 2003, 18, 185-187.	2.5	0
144	Chiral approach to the two pion decay of the Roper. Nuclear Physics A, 2003, 721, C575-C578.	1.5	0

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145	Dynamical Baryon Resonances from Chiral Unitarity. , 2004, , .		0
146	Bound states of in nuclei. Nuclear Physics A, 2005, 755, 503-506.	1.5	0
147	Two-meson cloud contribution to the baryon antidecuplet self-energy. Nuclear Physics A, 2005, 755, 395-398.	1.5	0
148	RADIATIVE VECTOR MESON DECAY. International Journal of Modern Physics A, 2005, 20, 1901-1904.	1.5	0
149	Meson resonances in the open and hidden charm sectors. Progress in Particle and Nuclear Physics, 2008, 61, 153-154.	14.4	0
150	Recent topics of mesic atoms and mesic nuclei. Hyperfine Interactions, 2009, 193, 75-80.	0.5	0
151	Properties of the ground-state baryons in chiral perturbation theory. Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 212-215.	0.4	0
152	Nucleon Emission off Nuclei Induced by Neutrino Interactions. , 2010, , .		0
153	Kaon Production Off the Nucleon. , 2011, , .		0
154	Nuclear medium effects in $\hat{1}/2\hat{1}/2\hat{1}$ ,,-A DIS. AIP Conference Proceedings, 2011, , .	0.4	0
155	Analysis of the LQCD results on the lowest-lying baryon masses in chiral perturbation theory. , 2011, , .		0
156	New determination of the $N\hat{1}^{\pi}(1232)$ axial form factors from weak pion production and coherent pion production off nuclei at T2K and MiniBooNE energies revisited. , 2011, , .		0
157	Lepton event rates in neutrino-nucleus DIS. , 2011, , .		0
158	Nuclear medium effects in structure functions. Journal of Physics: Conference Series, 2012, 374, 012020.	0.4	0
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