

Kazuo Tsushima

List of Publications by Year in descending order

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161
docs citations

161
times ranked

3225
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of neutrino magnetic moment and charge radius constraints and medium modifications of the nucleon form factors on the neutrino mean free path in dense matter. Nuclear Physics A, 2022, 1017, 122356.	1.5	7
2	$\hat{\Gamma}$ and $\hat{\Gamma}^2$ nuclear bound states. Physical Review C, 2022, 105, .	2.9	4
3	Exploring the flavor content of light and heavy-light pseudoscalars. Physical Review D, 2021, 104, .	4.7	3
4	Hyperon electromagnetic timelike elastic form factors at large q^2 . Physical Review D, 2020, 101, .	4.7	17
5	$\hat{\Gamma}$ -nucleus bound states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135882.	4.1	5
6	Octet baryon electromagnetic form factor double ratios $\langle G_E \rangle^* \langle G_E \rangle$		

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19	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \hat{1} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{-meson} \hat{\epsilon}$ nucleus bound states. Physical Review C, 2017, 96, .	2.9	17
20	In-Medium Pion Valence Distribution Amplitude. Few-Body Systems, 2017, 58, 1.	1.5	2
21	Production of \bar{c} -hypernuclei in antiproton $\hat{\epsilon}$ nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 236-241.	4.1	16
22	Partial restoration of chiral symmetry in cold nuclear matter: the $\langle i \rangle \langle /i \rangle$ -meson case. Journal of Physics: Conference Series, 2017, 912, 012009.	0.4	1
23	Parton distribution in pseudoscalar mesons with a light-front constituent quark model. AIP Conference Proceedings, 2016, , .	0.4	11
24	Pion in the medium with a light-front model. AIP Conference Proceedings, 2016, , .	0.4	2
25	Hadronic molecules with a \bar{D}^* -meson in a medium. Physical Review D, 2016, 94, .	4.7	11
26	Axial form factors of the octet baryons in a covariant quark model. Physical Review D, 2016, 94, .	4.7	22
27	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ meson pair production in antiproton-nucleus collisions. Physical Review D, 2016, 94, .	4.7	9
28	Unified description of classical and quantum behaviours in a variational principle. Journal of Physics: Conference Series, 2015, 626, 012055.	0.4	12
29	Coulomb breakup of ^{37}Mg and its ground state structure. Nuclear Physics A, 2015, 939, 101-120.	1.5	16
30	The in-medium effects on the neutrino reaction in dense matter. , 2014, , .		0
31	Pion structure in the nuclear medium. Physical Review C, 2014, 90, .	2.9	26
32	Quark-meson coupling model, nuclear matter constraints, and neutron star properties. Physical Review C, 2014, 89, .	2.9	48
33	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle * \langle \text{mml:mo} \rangle \langle \text{mml:mo stretchy="false"} \rangle \hat{a}^{\dagger} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle 1710 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle T_j \text{ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 172 Td (stretchy="fal$ Physical Review D, 2014, 89, .	4.7	18
34	Production of $\hat{1} \hat{z}^{\sim}$ -Hypernuclei via the $(K \hat{a}^{\sim}, K^+)$ Reaction in a Quark-Meson Coupling Model. Few-Body Systems, 2013, 54, 1271-1274.	1.5	4
35	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
36	Structure and Coulomb dissociation of ^{230}O within the quark $\hat{\epsilon}$ -meson coupling model. Nuclear Physics A, 2013, 913, 116-126.	1.5	9

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73	Dynamical study of $Q\bar{Q}$ mesons. Physical Review D, 2006, 74, . A QCD sum rule study of $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ 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"	4.7	41
74	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	4.1	13
75	Effect of bound nucleon internal structure change on nuclear structure functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 612, 5-12.	4.1	4
76	Kaon condensation and Λ nucleon loop in the relativistic mean-field approach. Nuclear Physics A, 2005, 760, 319-345.	1.5	15
77	Two-scale scalar mesons in nuclei. European Physical Journal A, 2005, 26, 159-165.	2.5	2
78	Λ_c , Λ_c , Λ_c and Λ hypernuclei in the quark meson coupling model. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 1765-1786.	3.6	44
79	Effect of the bound nucleon form factors on charged-current neutrino-nucleus scattering. Physical Review C, 2004, 70, .	2.9	19
80	Local duality and charge symmetry violation in quark distributions. Physical Review D, 2004, 70, .	4.7	11
81	Determination of the Λ^+ parity from $\Lambda^+ \rightarrow \Lambda^0 K^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 269-277.	4.1	31
82	Quark distributions in a medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 237-244.	4.1	5
83	Scalar and vector form factors of the in-medium nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 575, 4-10.	4.1	5
84	Near-threshold η -meson production in proton-proton collisions: With or without resonance excitations?. Nuclear Physics A, 2003, 721, C633-C636.	1.5	5
85	Properties of charmed and bottom hadrons in nuclear matter: a plausible study. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 552, 138-144.	4.1	52
86	Near-threshold η and η' meson productions in pp collisions. Physical Review C, 2003, 68, .	2.9	31
87	Systematic Regge theory analysis of η photoproduction. Physical Review C, 2003, 67, .	2.9	27
88	Λ_c and Λ hypernuclei. Physical Review C, 2003, 67, .	2.9	48
89	Hadron mass extraction from lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 2002, 109, 50-54.	0.4	3
90	Structure functions of unstable lithium isotopes. Nuclear Physics A, 2002, 705, 119-152.	1.5	6

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91	Quark-hadron duality and the nuclear EMC effect. <i>European Physical Journal A</i> , 2002, 14, 105-112.	2.5	4
92	Pions in isospin asymmetric nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 517, 93-100.	4.1	1
93	Effect of changes in meson properties in a nuclear medium: J/ψ dissociation in nuclear matter, and meson-nucleus bound states. <i>Nuclear Physics A</i> , 2001, 680, 280-285.	1.5	9
94	Quark-Meson Coupling Model with Short-Range Quark-Quark Interactions. <i>Progress of Theoretical Physics</i> , 2001, 105, 373-378.	2.0	5
95	Kaon properties and cross sections in the nuclear medium. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001, 27, 349-354.	3.6	11
96	Nonsinglet structure function of the $^3\text{He} \rightarrow ^3\text{H}$ system and divergence of the Gottfried integral. <i>Physical Review D</i> , 2001, 64, .	4.7	3
97	Charmonium absorption by nucleons. <i>Physical Review C</i> , 2001, 63, .	2.9	58
98	Chiral behavior of the rho meson in lattice QCD. <i>Physical Review D</i> , 2001, 64, .	4.7	69
99	Novel features of J/ψ dissociation in matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 484, 23-29.	4.1	48
100	Deep inelastic scattering on asymmetric nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 493, 288-292.	4.1	8
101	Chiral corrections to baryon masses calculated within lattice QCD. <i>Nuclear Physics A</i> , 2000, 663-664, 973c-976c.	1.5	2
102	On the search for a narrow penta-quark Z^+ -baryon in NN interactions. <i>European Physical Journal A</i> , 2000, 9, 115-118.	2.5	26
103	Strangeness production from $\bar{N}N$ collisions in nuclear matter. <i>Physical Review C</i> , 2000, 62, .	2.9	27
104	Baryon masses from lattice QCD: Beyond the perturbative chiral regime. <i>Physical Review D</i> , 2000, 61, .	4.7	107
105	Electromagnetic form factors of the bound nucleon. <i>Physical Review C</i> , 1999, 60, .	2.9	78
106	Resonance model study of kaon production in baryon-baryon reactions for heavy-ion collisions. <i>Physical Review C</i> , 1999, 59, 369-387.	2.9	126
107	Charmed mesic nuclei: Bound D and D^* states with ^{208}Pb . <i>Physical Review C</i> , 1999, 59, 2824-2828.	2.9	138
108	\bar{K} -nucleus bound states in the Walecka model. <i>Physical Review C</i> , 1999, 59, 1203-1206.	2.9	27

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109	Spectral change of $\bar{\Lambda}^0$ and $\bar{\Sigma}^0$ mesons in a dense nuclear medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 460, 17-23.	4.1	8
110	Effect of nucleon structure variation on the longitudinal response function. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 27-35.	4.1	25
111	Fock terms in the quark-meson coupling model. Nuclear Physics A, 1999, 650, 313-325.	1.5	39
112	An efficient synthesis of (pyrrolidin-2-ylidene)glycinate using intramolecular 1, 3-dipolar cycloaddition of azide and olefin. Tetrahedron, 1999, 55, 12723-12740.	1.9	8
113	Spin dependent parton distributions in a bound nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 233-239.	4.1	17
114	Charge symmetry breaking in mirror nuclei from quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 36-42.	4.1	13
115	The role of the P11(1710) in the NN \rightarrow N $\bar{\Lambda}$ K reaction. Nuclear Physics A, 1999, 646, 427-443.	1.5	27
116	On studying charm in nuclei through antiproton annihilation. European Physical Journal A, 1999, 6, 351-359.	2.5	104
117	A clue to the mechanism of $\bar{\Lambda}^0$ K $^+$ production in pp-reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 421, 59-63.	4.1	21
118	In-medium kaon and antikaon properties in the quark-meson coupling model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 239-246.	4.1	75
119	In-medium electron-nucleon scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 417, 217-223.	4.1	80
120	$\bar{\Lambda}^0$ and $\bar{\Sigma}^0$ meson propagation in a dense nuclear medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 243-249.	4.1	53
121	The neutron charge form factor in helium-3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 441, 27-33.	4.1	22
122	Are $\bar{\Lambda}^0$ - and $\bar{\Sigma}^0$ -nuclear states bound ?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 443, 26-32.	4.1	87
123	Medium dependence of the bag constant in the quark-meson coupling model. Nuclear Physics A, 1998, 634, 443-462.	1.5	41
124	The quark-meson coupling model for $\bar{\Lambda}^0$, $\bar{\Sigma}^0$ and $\bar{\Xi}^0$ hypernuclei. Nuclear Physics A, 1998, 630, 691-718.	1.5	115
125	QUARK AND GLUON CONDENSATES IN THE QUARK-MESON COUPLING MODEL. Modern Physics Letters A, 1998, 13, 769-777.	1.2	14
126	$\bar{\Lambda}^0$ meson mass in light nuclei. Physical Review C, 1997, 56, 566-569.	2.9	47

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127	Variation of hadron masses in finite nuclei. <i>Physical Review C</i> , 1997, 55, 2637-2648.	2.9	140
128	Naturalness in the quark-meson coupling model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 406, 287-291.	4.1	30
129	Self-consistent description of Λ hypernuclei in the quark-meson coupling model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 411, 9-18.	4.1	52
130	Resonance model study of strangeness production in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 390, 29-35.	4.1	43
131	A Study of the $pB \rightarrow YK$ Reactions for Kaon Production in Heavy Ion Collisions. <i>Australian Journal of Physics</i> , 1997, 50, 35.	0.6	18
132	Delta excitation in antiproton-deuteron annihilation. <i>Zeitschrift für Physik A</i> , 1996, 354, 215-218.	0.9	2
133	The Δ^2 -dibaryon in the nonrelativistic quark model. <i>Progress in Particle and Nuclear Physics</i> , 1996, 36, 383-394.	14.4	16
134	Self-consistent description of finite nuclei based on a relativistic quark model. <i>Nuclear Physics A</i> , 1996, 609, 339-363.	1.5	136
135	Resonance model of π Delta to YK for kaon production in heavy-ion collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1995, 21, 33-42.	3.6	52
136	Dynamics of laser-ablated iron in nitrogen atmosphere. <i>Applied Physics Letters</i> , 1994, 64, 3340-3342.	3.3	39
137	Effect of hydrostatic and uniaxial stress on T_c for single crystals of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_x$. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1309-1310.	1.2	8
138	The role of the \hat{P}^* (1920) resonance for kaon production in heavy ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 337, 245-253.	4.1	90
139	The σ -axial exchange current. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 333, 17-21.	4.1	3
140	Nuclear renormalization of the isoscalar axial coupling constants. <i>Nuclear Physics A</i> , 1993, 563, 525-538.	1.5	4
141	Dilatons in the topological soliton model for the hyperons. <i>Nuclear Physics A</i> , 1993, 560, 985-996.	1.5	5
142	The electromagnetic exchange current, the nucleon-nucleon interaction, and nuclear magnetic moments. <i>Nuclear Physics A</i> , 1993, 559, 543-578.	1.5	27
143	Explicit form of the effective N-N potential from the quark cluster model. <i>Few-Body Systems</i> , 1992, 12, 69-112.	1.5	8
144	The axial exchange charge operator and the nucleon-nucleon interaction. <i>Nuclear Physics A</i> , 1992, 542, 616-630.	1.5	58

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145	Tensor mesons and the one boson exchange model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 291, 375-378.	4.1	0
146	The axial current and the nucleon-nucleon interaction. Nuclear Physics A, 1992, 549, 313-326.	1.5	21
147	Chiral phase transition and dynamical properties of quarks at finite temperature and density. Nuclear Physics A, 1992, 537, 303-326.	1.5	20
148	Temperature and density dependence of quark dynamical properties:. Nuclear Physics A, 1991, 535, 497-508.	1.5	17
149	Centre-of-mass corrections of the N- Delta mass splitting in a relativistic quark model. Journal of Physics C: Nuclear and Particle Physics, 1991, 17, 1713-1725.	3.6	0
150	Development of rubber gloves by radiation vulcanization. International Journal of Radiation Applications and Instrumentation Nuclear Tracks and Radiation Measurements, 1990, 35, 154-157.	0.0	4
151	Study of meson properties and quark condensates in the Nambu-Jona-Lasinio model with instanton effects. Nuclear Physics A, 1990, 507, 611-648.	1.5	46
152	Experimental Dispersions of Conduction Bands in Bi ₂ CaSr ₂ Cu ₂ O ₈ . Europhysics Letters, 1990, 13, 537-542.	2.0	11
153	Study of Meson Flavor Mixing in the Nambu-Jona-Lasinio Model Including Instanton Effects. Progress of Theoretical Physics, 1989, 82, 481-486.	2.0	18
154	Conversion of Lactones into Substituted Cyclic Ethers. Chemistry Letters, 1989, 18, 1313-1316.	1.3	55
155	Rapidly annealing method for preparing superconducting films. Physica C: Superconductivity and Its Applications, 1988, 153-155, 780-781.	1.2	0
156	Weak interaction form factors and magnetic moments of octet baryons: Chiral bag model with gluonic effects. Nuclear Physics A, 1988, 489, 557-611.	1.5	33
157	Chiral-bag model study of weak-interaction form factors and magnetic moments of octet baryons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 205, 128-134.	4.1	13
158	Magnetic Properties of Compositionally Modulated Fe/SiO ₂ Films. Japanese Journal of Applied Physics, 1987, 26, L258-L260.	1.5	3
159	Weak-current form factors of octet baryons in the volume-type cloudy bag model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 186, 255-262.	4.1	11