Yasuo Yamamoto

List of Publications by Year
in descending order

50 papers	2,188 citations	331670 21 h-index	302126 39 g-index
51 all docs	51 docs citations	51 times ranked	635 citing authors

#	Article	IF	Citations
1	Quark-quark interaction and quark matter in neutron stars. Physical Review C, 2022, 105, .	2.9	6
2	Possible Lightest Ξ Hypernucleus with Modern ΞN Interactions. Physical Review Letters, 2020, 124, 092501.	7.8	26
3	Extended-soft-core baryon-baryon model ESC16. III. S=−2 hyperon-hyperon/nucleon interactions. Physical Review C, 2020, 102, .	2.9	12
4	Extended-soft-core baryon-baryon model ESC16. AIP Conference Proceedings, 2019, , .	0.4	2
5	Extended-soft-core baryon-baryon model ESC16. II. Hyperon-nucleon interactions. Physical Review C, 2019, 99, .	2.9	46
6	Extended-soft-core baryon-baryon model ESC16. I. Nucleon-nucleon scattering. Physical Review C, 2019, 99, .	2.9	18
7	Effects of a hyperonic many-body force on B_Ξ values of hypernuclei. Physical Review C, 2017, 95, .	2.9	15
8	Neutron-star radii based on realistic nuclear interactions. Physical Review C, 2017, 96, .	2.9	23
9	The structure of hypernuclei and hyperon mixing in neutron-star matter. Physica Scripta, 2016, 91, 093001.	2.5	5
10	Competing effects of nuclear deformation and density dependence of the ΛN interaction in B_Λ values of hypernuclei. Physical Review C, 2016, .	2.9	11
11	Hyperon-mixed neutron star with universal many-body repulsion. European Physical Journal A, 2016, 52, 1.	2.5	47
12	Hyperon mixing and universal many-body repulsion in neutron stars. Physical Review C, 2014, 90, .	2.9	131
13	Multi-Pomeron repulsion and the neutron-star mass. Physical Review C, 2013, 88, .	2.9	64
14	Formation and Fragmentation of Double-Â Compound Nucleus. Progress of Theoretical Physics Supplement, 2013, 117, 265-279.	0.1	0
15	Formation and Transition of Strangeness =-2 Nuclear Systems. Progress of Theoretical Physics Supplement, 2013, 117, 281-306.	0.1	0
16	*S* = -1 Hypernuclear Structure. Progress of Theoretical Physics Supplement, 2010, 185, 106-151.	0.1	41
17	Baryon-Baryon Interactions. Progress of Theoretical Physics Supplement, 2010, 185, 14-71.	0.1	170
18	*S* = -2 Hypernuclear Structure. Progress of Theoretical Physics Supplement, 2010, 185, 152-196.	0.1	31

#	Article	IF	Citations
19	*G*-Matrix Approach to Hyperon-Nucleus Systems. Progress of Theoretical Physics Supplement, 2010, 185, 72-105.	0.1	53
20	HYPERON-NUCLEUS SYSTEMS IN G-MATRIX APPROACH. International Journal of Modern Physics E, 2010, 19, 2428-2435.	1.0	0
21	PRESENT STATUS OF MICROSCOPIC THEORY FOR COMPLEX NUCLEUS-NUCLEUS INTERACTIONS. , 2010, , .		0
22	Three-body-force effect on nucleus-nucleus elastic scattering. Physical Review C, 2009, 79, .	2.9	42
23	HYPERON-NUCLEUS SYSTEMS IN G-MATRIX APPROACH. , 2009, , .		0
24	hypernuclei based on the ESC04 model. Nuclear Physics A, 2008, 804, 139-148.	1.5	9
25	Recent soft-core baryon–baryon interactions. Nuclear Physics A, 2008, 804, 51-59.	1.5	8
26	Extended-soft-core baryon-baryon model. II. Hyperon-nucleon interaction. Physical Review C, 2006, 73, .	2.9	164
27	Hyperonic mixing in five-baryon double-strangeness hypernuclei in a two-channel treatment. Physical Review C, 2004, 69, .	2.9	22
28	FEW-BODY ASPECTS OF HYPERNUCLEAR PHYSICS. Modern Physics Letters A, 2003, 18, 95-101.	1.2	2
29	BARYON SUPERFLUIDITY IN NEUTRON STAR CORES. , 2003, , .		0
30	Hyperon-Mixed Neutron Star Matter and Neutron Stars. Progress of Theoretical Physics, 2002, 108, 703-718.	2.0	101
31	Necessity of extra repulsion in hypernuclear systems: Suggestion from neutron stars. European Physical Journal A, 2002, 13, 213-215.	2.5	11
32	HYPERON SUPERFLUIDITY IN NEUTRON STAR CORES. International Journal of Modern Physics B, 2001, 15, 1609-1612.	2.0	5
33	Four-body calculation of $[sub \hat{\imath}][sup 4]H$ and $[sub \hat{\imath}][sup 4]He$ with realistic YN and NN interactions. AIP Conference Proceedings, 2001, , .	0.4	0
34	Four-body calculations of $[sub \hat{\imath}][sup 4]H$ and $[sub \hat{\imath}][sup 4]He$ with realistic YN and NN interactions. AIP Conference Proceedings, 2001, , .	0.4	0
35	ÂN and ÂÂ OBEP and Â--Nucleus Bound States. Progress of Theoretical Physics, 2001, 105, 627-648.	2.0	46
36	Effective YN and YY Interactions and Hyperon-Mixing in Neutron Star Matter: YÂÂ Case. Progress of Theoretical Physics, 2001, 105, 607-626.	2.0	48

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37	ΛNSpin-Orbit Splittings inBΛ9eandCΛ13Studied with One-Boson-ExchangeΛNInteractions. Physical Review Letters, 2000, 85, 270-273.	7.8	133
38	Evidence ofΞhypernuclear production in the12C(Kâˆ',K+)Ξ12Bereaction. Physical Review C, 2000, 61, .	2.9	205
39	FOUR-BODY CALCULATION OF $^{4}_{Lambda}{m H}$ AND $^{4}_{Lambda}{m He}$ WITH REALISTIC YN AND NN INTERACTIONS. , 2000, , .		1
40	HYPERON SUPERFLUIDITY IN NEUTRON STAR CORES. , 2000, , .		0
41	THE NIJMEGEN HYPERON-NUCLEON AND HYPERON-HYPERON INTERACTIONS. , 2000, , .		0
42	HYPERNUCLEAR PROPERTIES DERIVED FROM G-MATRIX INTERACTIONS. , 2000, , .		0
43	Soft-core hyperon-nucleon potentials. Physical Review C, 1999, 59, 21-40.	2.9	514
44	Formation of a Ξ-Hypernucleus and Transitions to Double-Λ States. Progress of Theoretical Physics, 1994, 91, 747-755.	2.0	24
45	Σ âˆ' Atoms and Σ4He Hypernucleus with Σ-N Interactions. Progress of Theoretical Physics Supplement, 1994, 117, 241-250.	0.1	7
46	Formation and Transition of Strangeness = -2 Nuclear Systems. Progress of Theoretical Physics Supplement, 1994, 117, 281-306.	0.1	42
47	Binding Energies of Double-Λ Hypernuclei and ΛΛ <i>G</i>-Matrix. Progress of Theoretical Physics, 1993, 89, 109-117.	2.0	5
48	Formation of Double-Â Hypernucleus from Quasi-Free Â- Absorption. Progress of Theoretical Physics, 1992, 88, 1163-1172.	2.0	15
49	Newly Observed Double-Λ Hypernucleus and ΛΛ Interaction. Progress of Theoretical Physics, 1991, 86, 867-875.	2.0	14
50	Hypernuclear Properties Derived from the Nijmegen Soft-Core OBE Potential. Progress of Theoretical Physics, 1990, 83, 254-264.	2.0	64