Yasuo Yamamoto

List of Publications by Year
in descending order

50	2,188	331670 21	302126 39
papers	citations	h-index	g-index

51	51	51	635
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soft-core hyperon-nucleon potentials. Physical Review C, 1999, 59, 21-40.	2.9	514
2	Evidence ofÎžhypernuclear production in the12C(Kâ¯,K+)Îž12Bereaction. Physical Review C, 2000, 61, .	2.9	205
3	Baryon-Baryon Interactions. Progress of Theoretical Physics Supplement, 2010, 185, 14-71.	0.1	170
4	Extended-soft-core baryon-baryon model. II. Hyperon-nucleon interaction. Physical Review C, 2006, 73, .	2.9	164
5	Î›NSpin-Orbit Splittings inBÎ›9eandCÎ›13Studied with One-Boson-ExchangeÎ›NInteractions. Physical Review Letters, 2000, 85, 270-273.	7.8	133
6	Hyperon mixing and universal many-body repulsion in neutron stars. Physical Review C, 2014, 90, .	2.9	131
7	Hyperon-Mixed Neutron Star Matter and Neutron Stars. Progress of Theoretical Physics, 2002, 108, 703-718.	2.0	101
8	Hypernuclear Properties Derived from the Nijmegen Soft-Core OBE Potential. Progress of Theoretical Physics, 1990, 83, 254-264.	2.0	64
9	Multi-Pomeron repulsion and the neutron-star mass. Physical Review C, 2013, 88, .	2.9	64
10	G-Matrix Approach to Hyperon-Nucleus Systems. Progress of Theoretical Physics Supplement, 2010, 185, 72-105.	0.1	53
11	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
12	Hyperon-mixed neutron star with universal many-body repulsion. European Physical Journal A, 2016, 52, 1.	2.5	47
13	ÂN and ÂÂ OBEP and Â–Nucleus Bound States. Progress of Theoretical Physics, 2001, 105, 627-648.	2.0	46
14	Extended-soft-core baryon-baryon model ESC16. II. Hyperon-nucleon interactions. Physical Review C, 2019, 99, .	2.9	46
15	Three-body-force effect on nucleus-nucleus elastic scattering. Physical Review C, 2009, 79, .	2.9	42
16	Formation and Transition of Strangeness = -2 Nuclear Systems. Progress of Theoretical Physics Supplement, 1994, 117, 281-306.	0.1	42
17	S= -1 Hypernuclear Structure. Progress of Theoretical Physics Supplement, 2010, 185, 106-151.	0.1	41
18	S= -2 Hypernuclear Structure. Progress of Theoretical Physics Supplement, 2010, 185, 152-196.	0.1	31

#	Article	IF	Citations
19	Possible Lightest <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Îž</mml:mi></mml:math> Hypernucleus with Modern <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Îž</mml:mi><mml:mi>N</mml:mi></mml:mrow></mml:math> Interactions. Physical Review Letters, 2020, 124, 092501.	7.8	26
20	Formation of a Îž-Hypernucleus and Transitions to Double-Î› States. Progress of Theoretical Physics, 1994, 91, 747-755.	2.0	24
21	Neutron-star radii based on realistic nuclear interactions. Physical Review C, 2017, 96, .	2.9	23
22	Hyperonic mixing in five-baryon double-strangeness hypernuclei in a two-channel treatment. Physical Review C, 2004, 69, .	2.9	22
23	Extended-soft-core baryon-baryon model ESC16. I. Nucleon-nucleon scattering. Physical Review C, 2019, 99, .	2.9	18
24	Formation of Double-Â Hypernucleus from Quasi-Free Â- Absorption. Progress of Theoretical Physics, 1992, 88, 1163-1172.	2.0	15
25	Effects of a hyperonic many-body force on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>B</mml:mi><mml:mi mathvariant="normal">Î›</mml:mi></mml:msub></mml:math> values of hypernuclei. Physical Review C, 2017, 95, .	2.9	15
26	Newly Observed Double-Î› Hypernucleus and Î›Î› Interaction. Progress of Theoretical Physics, 1991, 86, 867-875.	2.0	14
27	Extended-soft-core baryon-baryon model ESC16. III. S=â^'2 hyperon-hyperon/nucleon interactions. Physical Review C, 2020, 102, .	2.9	12
28	Necessity of extra repulsion in hypernuclear systems: Suggestion from neutron stars. European Physical Journal A, 2002, 13, 213-215.	2.5	11
29	Competing effects of nuclear deformation and density dependence of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>N</mml:mi></mml:mrow></mml:math>interaction in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>B</mml:mi><mml:mi mathvariant="normal">Î›</mml:mi></mml:msub></mml:math>values of hypernuclei. Physical Review C, 2	2.9	11
30	hypernuclei based on the ESC04 model. Nuclear Physics A, 2008, 804, 139-148.	1.5	9
31	Recent soft-core baryonâ€“baryon interactions. Nuclear Physics A, 2008, 804, 51-59.	1.5	8
32	Î£ â^' Atoms and Î£4He Hypernucleus with Î£-N Interactions. Progress of Theoretical Physics Supplement, 1994, 117, 241-250.	0.1	7
33	Quark-quark interaction and quark matter in neutron stars. Physical Review C, 2022, 105, .	2.9	6
34	HYPERON SUPERFLUIDITY IN NEUTRON STAR CORES. International Journal of Modern Physics B, 2001, 15, 1609-1612.	2.0	5
35	The structure of hypernuclei and hyperon mixing in neutron-star matter. Physica Scripta, 2016, 91, 093001.	2.5	5
36	Binding Energies of Double-Î› Hypernuclei and Î›Î› G-Matrix. Progress of Theoretical Physics, 1993, 89, 109-117.	2.0	5

#	Article	IF	Citations
37	FEW-BODY ASPECTS OF HYPERNUCLEAR PHYSICS. Modern Physics Letters A, 2003, 18, 95-101.	1.2	2
38	Extended-soft-core baryon-baryon model ESC16. AIP Conference Proceedings, 2019, , .	0.4	2
39	FOUR-BODY CALCULATION OF $^{4}_{Lambda}{m H}$ AND $^{4}_{Lambda}{m He}$ WITH REALISTIC YN AND NN INTERACTIONS. , 2000, , .		1
40	Four-body calculation of [sub Î›][sup 4]H and [sub Î›][sup 4]He with realistic YN and NN interactions. AIP Conference Proceedings, 2001, , .	0.4	0
41	Four-body calculations of [sub Î›][sup 4]H and [sub Î›][sup 4]He with realistic YN and NN interactions. AIP Conference Proceedings, 2001, , .	0.4	0
42	HYPERON-NUCLEUS SYSTEMS IN G-MATRIX APPROACH. International Journal of Modern Physics E, 2010, 19, 2428-2435.	1.0	0
43	HYPERON SUPERFLUIDITY IN NEUTRON STAR CORES. , 2000, , .		0
44	THE NIJMEGEN HYPERON-NUCLEON AND HYPERON-HYPERON INTERACTIONS. , 2000, , .		0
45	HYPERNUCLEAR PROPERTIES DERIVED FROM G-MATRIX INTERACTIONS. , 2000, , .		0
46	BARYON SUPERFLUIDITY IN NEUTRON STAR CORES. , 2003, , .		0
47	HYPERON-NUCLEUS SYSTEMS IN G-MATRIX APPROACH. , 2009, , .		0
48	PRESENT STATUS OF MICROSCOPIC THEORY FOR COMPLEX NUCLEUS-NUCLEUS INTERACTIONS. , 2010, , .		0
49	Formation and Fragmentation of Double-Â Compound Nucleus. Progress of Theoretical Physics Supplement, 2013, 117, 265-279.	0.1	0
50	Formation and Transition of Strangeness =-2 Nuclear Systems. Progress of Theoretical Physics Supplement, 2013, 117, 281-306.	0.1	0