

# Yasuhiro Yamaguchi

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

871  
citations

471509

17  
h-index

454955

30  
g-index

48  
all docs

48  
docs citations

48  
times ranked

602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy hadrons in nuclear matter. Progress in Particle and Nuclear Physics, 2017, 96, 88-153.	14.4	80
2	Density-wave instability in a two-dimensional dipolar Fermi gas. Physical Review A, 2010, 82, .	2.5	76
3	Exotic baryons from a heavy meson and a nucleon: Negative parity states. Physical Review D, 2011, 84, .	4.7	69
4	Exotic mesons with hidden bottom near thresholds. Physical Review D, 2012, 86, .	4.7	58
5	Heavy quark symmetry in multihadron systems. Physical Review D, 2015, 91, .	4.7	53
6	Heavy hadronic molecules with pion exchange and quark core couplings: a guide for practitioners. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 053001.	3.6	53
7	hidden-charm pentaquarks as a meson-baryon molecule with coupled channels for $\langle \text{mml:math} \text{xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover} \text{accent="true"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{D} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \text{Å} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{c} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ pentaquarks with chiral tensor and quark dynamics. Physical Review D, 2020, 101, .	4.7	52
8	Hidden-charm and bottom meson-baryon molecules coupled with five-quark states. Physical Review D, 2017, 96, .	4.7	51
9	Exotic mesons with double charm and bottom flavor. Physical Review D, 2012, 86, .	4.7	48
10	$\langle \text{mml:math} \text{xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{c} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ pentaquarks with chiral tensor and quark dynamics. Physical Review D, 2020, 101, .	4.7	47
11	Quark level and hadronic contributions to the electric dipole moment of charged leptons in the standard model. Physical Review D, 2021, 103, .	4.7	37
12	Large Long-Distance Contributions to the Electric Dipole Moments of Charged Leptons in the Standard Model. Physical Review Letters, 2020, 125, 241802.	7.8	35
13	Exotic baryons from a heavy meson and a nucleon: Positive parity states. Physical Review D, 2012, 85, .	4.7	33
14	Spin degeneracy in multi-hadron systems with a heavy quark. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 185-189.	4.1	24
15	$\langle \text{mml:math} \text{xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Z} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{b} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ resonances and other $\langle \text{mml:math} \text{xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{display="inline"} \rangle \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mover} \text{accent="true"} \rangle \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{Å} \langle \text{mml:mi} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ molecules. Physical	4.7	23
16	Exotic dibaryons with a heavy antiquark. Nuclear Physics A, 2014, 927, 110-118.	1.5	20
17	Hadronic molecules for charmed and bottom baryons near thresholds. Physical Review D, 2013, 87, .	4.7	18
18	An Inter-comparison of the Neutron Calibration Fields by D2O Moderated <sup>252</sup> Cf Source at JAEA and KAERI. Journal of Nuclear Science and Technology, 2008, 45, 217-220.	1.3	16

#	ARTICLE	IF	CITATIONS
19	Quark-mass dependence of the $H$ dibaryon in $\hat{b}$	2.9	15
20	$P_c$ tetraquarks	4.7	15
21	Holographic heavy quark symmetry. Journal of High Energy Physics, 2015, 2015, 1.	4.7	12
22	Heavy quark spin multiplet structure of Pc-like pentaquarks as a P-wave hadronic molecular state. Progress of Theoretical and Experimental Physics, 2019, .	6.6	10
23	Heavy quark spin multiplet structure of $\hat{b}$	4.7	9
24	Development of SCINFUL-CG Code to Calculate Response Function of Hybrid Neutron Detectors Using Scintillators. Journal of Nuclear Science and Technology, 2002, 39, 693-696.	1.3	4
25	Reassessment of Nuclear Decay Database Used for Dose Calculation. Journal of Nuclear Science and Technology, 2002, 39, 1433-1436.	1.3	2
26	Doubly Charmed Exotic Mesons. Few-Body Systems, 2013, 54, 1023-1026.	1.5	2
27	Mesic nuclei with a heavy antiquark. Progress of Theoretical and Experimental Physics, 2017, 2017, .	6.6	2
28	Exotic Mesons with Hidden Bottom Near Thresholds. Few-Body Systems, 2013, 54, 1019-1022.	1.5	1
29	Quark Mass Dependence of H-Dibaryon. , 2017, , .		1
30	$\hat{b}$ potential described by the quark exchange diagram. EPJ Web of Conferences, 2019, 204, 01007.	0.3	1
31	Photoproduction of $D_{s1}^+ c$ within the Regge-plus-resonance model. Physical Review D, 2020, 102, .	4.7	1
32	Heavy Hadronic Molecules Coupled with Multiquark States. Few-Body Systems, 2021, 62, 1.	1.5	1
33	Exotic Dibaryons with an Anti Heavy Quark. , 2014, , .		1
34	Hidden-Charm and Bottom Meson-Baryon Molecules Coupled with Five-Quark States. Springer Proceedings in Physics, 2020, , 621-627.	0.2	1
35	Hadron resonances with coexistence of different natures. EPJ Web of Conferences, 2012, 20, 01005.	0.3	0
36	Exotic Baryons from a Heavy Meson and a Nucleon. Few-Body Systems, 2013, 54, 1051-1054.	1.5	0

#	ARTICLE	IF	CITATIONS
37	Composite and Elementary Components in Hadron Resonances. <i>Few-Body Systems</i> , 2013, 54, 19-24.	1.5	0
38	$\Lambda_c^+$ and $\Lambda_c^0$ nuclei with one pion exchange potential. <i>International Journal of Modern Physics Conference Series</i> , 2014, 29, 1460226.	0.7	0
39	Exotic baryons as a hadronic molecule in the heavy quark region. <i>EPJ Web of Conferences</i> , 2016, 129, 00024.	0.3	0
40	Exotic few-body systems with a heavy meson. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
41	Exotic Baryons from a Heavy Meson and a Nucleon. <i>Few-Body Systems</i> , 2016, 57, 1027-1033.	1.5	0
42	Exotic Baryons as a Hadronic Molecule in the Heavy Quark Region. , 2017, , .		0
43	Spin degeneracy of Hadronic molecules in the heavy quark region. <i>Journal of Physics: Conference Series</i> , 2018, 981, 012015.	0.4	0
44	Short range interaction in $\bar{D}^* \Lambda_c^+$ channel. <i>International Journal of Modern Physics Conference Series</i> , 2019, 49, 1960005.	0.7	0
45	X(3872) Revisited: The Roles of OPEP and the Quark Degrees of Freedom. <i>Few-Body Systems</i> , 2021, 62, 1.	1.5	0
46	Exotic dibaryons with a heavy antiquark. , 2014, , .		0
47	Hidden-charm meson-baryon molecules with a short-range attraction from five quark states. , 2018, , .		0
48	Short Range $\pi/\psi - \Lambda_c^*$ Potential Described by the Quark Exchange Diagram. <i>Springer Proceedings in Physics</i> , 2020, , 629-633.	0.2	0