Takeshi Yamazaki

List of Publications by Year
in descending order

24	965	687363 13	752698 20
papers	citations	h-index	g-index

25	25	25	635
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physical results from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn></mml:math>flavor domain wall QCD and SU(2) chiral perturbation theory. Physical Review D, 2008, 78, .	4.7	179
2	Helium nuclei, deuteron, and dineutron in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2</mml:mn><mml:mo mathvariant="bold">+</mml:mo><mml:mn>1</mml:mn></mml:math>flavor lattice QCD. Physical Review D, 2012, 86, .	4.7	95
3	Physical point simulation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn></mml:math>flavor lattice QCD. Physical Review D, 2010, 81, .	4.7	94
4	Nucleon form factors with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn></mml:math>flavor dynamical domain-wall fermions. Physical Review D, 2009, 79, .	4.7	92
5	Nucleon Axial Charge in (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Dynamical-Lattice QCD with Domain-Wall Fermions. Physical Review Letters, 2008, 100, 171602.	7.8	91
6	I=2pion scattering length from two-pion wave functions. Physical Review D, 2005, 71, .	4.7	69
7	Study of quark mass dependence of binding energy for light nuclei in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math>flavo lattice QCD. Physical Review D, 2015, 92, .	4.7	64
8	Light flavor-singlet scalars and walking signals in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>8</mml:mn> QCD on the lattice. Physical Review D, 2017, 96, .	4.7	57
9	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mn>10.8</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>f	4.7	57
10	Nucleon form factors on a large volume lattice near the physical point in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math> flavor QCD. Physical Review D, 2018, 98, .	4.7	50
11	Nucleon form factors from quenched lattice QCD with domain wall fermions. Physical Review D, 2008, 78, .	4.7	21
12	Relation between scattering amplitude and Bethe-Salpeter wave function in quantum field theory. Physical Review D, 2017, 96, .	4.7	20
13	Kl3 form factors at the physical point on a (10.9â€‰â€‰fm)3 volume. Physical Review D, 2020, 101, .	4.7	11
14	Finite size effect on pseudoscalar meson sector in 2+1 flavor QCD at the physical point. Physical Review D, 2019, 99, .	4.7	10
15	Calculation of the derivative of nucleon form factors in Nf=2+1 lattice QCD at MÏ€=138â€‰â€‰MeV on a (5.5â€‰â€‰fm)3 volume. Physical Review D, 2021, 104, .	4.7	10
16	Reduction of Pt usage in fuel cell electrocatalysts using carbon nanotubes and non-Pt metals. Polymers for Advanced Technologies, 2006, 17, 540-543.	3.2	9
17	Reply to â€œComment on â€˜Relation between scattering amplitude and Bethe-Salpeter wave function in quantum field theoryâ€â€™. Physical Review D, 2018, 98, .	4.7	8
18	Mass and Axial current renormalization in the Schr"{o}dinger functional scheme for the RG-improved gauge and the stout smeared $O(a)$-improved Wilson quark actions.. , 2016, , .		5

#	Article	IF	Citations
19	Finite size effect on vector meson and baryon sectors in 2+1 flavor QCD at the physical point. Physical Review D, 2019, 100, .	4.7	4
20	Topological insights in many-flavor QCD on the lattice. International Journal of Modern Physics A, 2017, 32, 1747005.	1.5	1
21	Calculation of $ Kâ†'Ï€lÎ½$ form factor in $N_f = 2+1$ QCD at physical point on $(10 ext{fm})^3$. , 2019, , .		1
22	Thermodynamics in 8-Flavor QCD. , 2018, , .		0
23	Lattice Study of the Scalar and Baryon Spectra in Many-Flavor QCD. , 2018, , .		0
24	Topological Insights in Many-Flavor QCD on the Lattice. , 2018, , .		0