

Takeshi Yamazaki

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

965
citations

687363

13
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculation of the derivative of nucleon form factors in $N_f=2+1$ lattice QCD at $M\bar{\pi}=138\text{ MeV}$ on a $(5.5\text{ fm})^3$ volume. Physical Review D, 2021, 104, .	4.7	10
2	K13 form factors at the physical point on a $(10.9\text{ fm})^3$ volume. Physical Review D, 2020, 101, .	4.7	11
3	Finite size effect on pseudoscalar meson sector in 2+1 flavor QCD at the physical point. Physical Review D, 2019, 99, .	4.7	10
4	Nucleon form factors and root-mean-square radii on a 10.8 fm lattice at the physical point. Physical Review D, 2019, 99, .	4.7	57
5	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
6	Calculation of $K\pi$ form factor in $N_f = 2+1$ QCD at physical point on $(10\text{ fm})^3$. , 2019, , .		1
7	Thermodynamics in 8-Flavor QCD. , 2018, , .		0
8	Nucleon form factors on a large volume lattice near the physical point in 2+1 flavor QCD. Physical Review D, 2018, 98, .	4.7	50
9	Reply to "Comment on 'Relation between scattering amplitude and Bethe-Salpeter wave function in quantum field theory'". Physical Review D, 2018, 98, .	4.7	8
10	Lattice Study of the Scalar and Baryon Spectra in Many-Flavor QCD. , 2018, , .		0
11	Topological Insights in Many-Flavor QCD on the Lattice. , 2018, , .		0
12	Light flavor-singlet scalars and walking signals in $N_f=2+1$ lattice QCD on the lattice. Physical Review D, 2017, 96, .	4.7	57
13	Relation between scattering amplitude and Bethe-Salpeter wave function in quantum field theory. Physical Review D, 2017, 96, .	4.7	20
14	Topological insights in many-flavor QCD on the lattice. International Journal of Modern Physics A, 2017, 32, 1747005.	1.5	1
15	Mass and Axial current renormalization in the Schrödinger functional scheme for the RG-improved gauge and the stout smeared $O(a)$ -improved Wilson quark actions.. , 2016, , .		5
16	Study of quark mass dependence of binding energy for light nuclei in 2+1 flavor lattice QCD. Physical Review D, 2015, 92, .	4.7	64
17	Helium nuclei, deuteron, and dineutron in 2+1 flavor lattice QCD. Physical Review D, 2012, 86, .	4.7	95
18	Physical point simulation in 2+1 flavor lattice QCD. Physical Review D, 2010, 81, .	4.7	94

#	ARTICLE	IF	CITATIONS
19	Nucleon form factors with $\langle \bar{\psi} \psi \rangle$ flavor dynamical domain-wall fermions. Physical Review D, 2009, 79, .	4.7	92
20	Physical results from $\langle \bar{\psi} \psi \rangle$ flavor domain wall QCD and SU(2) chiral perturbation theory. Physical Review D, 2008, 78, .	4.7	179
21	Nucleon form factors from quenched lattice QCD with domain wall fermions. Physical Review D, 2008, 78, .	4.7	21
22	Nucleon Axial Charge in ($\langle \bar{\psi} \psi \rangle$) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T Dynamical-Lattice QCD with Domain-Wall Fermions. Physical Review Letters, 2008, 100, 171602.	7.8	91
23	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
24	$I=2$ pion scattering length from two-pion wave functions. Physical Review D, 2005, 71, .	4.7	69