

Shoichi Sasaki

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

625
citations

687363

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996975

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19
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times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleon form factors with $\langle \bar{\psi} \psi \rangle$ and root-mean-square radii on a 2+1 flavor dynamical domain-wall fermions. Physical Review D, 2009, 79, .	4.7	92
2	Lattice Study of the Exotic $S=+1$ Baryon. Physical Review Letters, 2004, 93, 152001.	7.8	85
3	Nucleon isovector structure functions in T_j . Physical Review D, 2010, 82, .	4.7	70
4	Nucleon form factors and root-mean-square radii on a 2+1 flavor lattice at the physical point. Physical Review D, 2019, 99, .	4.7	57
5	Charmonium potential from full lattice QCD. Physical Review D, 2012, 85, .	4.7	53
6	Nucleon structure with two flavors of dynamical domain-wall fermions. Physical Review D, 2008, 78, .	4.7	50
7	Nucleon form factors on a large volume lattice near the physical point in flavor QCD. Physical Review D, 2018, 98, .	4.7	50
8	First lattice study of low-energy charmonium-hadron interaction. Physical Review D, 2006, 74, .	4.7	48
9	Excited baryon spectroscopy from lattice QCD: Finite size effect and hyperfine mass splitting. Physical Review D, 2005, 72, .	4.7	31
10	Nucleon form factors from quenched lattice QCD with domain wall fermions. Physical Review D, 2008, 78, .	4.7	21
11	Potential description of charmonium and charmed-strange mesons from lattice QCD. Physical Review D, 2015, 92, .	4.7	19
12	Bethe-Salpeter wave functions of $\langle \bar{\psi} \psi \rangle$ and $\langle \bar{\psi} \psi \rangle$ on a 2+1 flavor lattice. Physical Review D, 2010, 82, .	4.7	13
13	Calculation of the derivative of nucleon form factors in $N_f=2+1$ lattice QCD at $M_\pi=138$ MeV on a $(5.5 \text{ fm})^3$ volume. Physical Review D, 2021, 104, .	4.7	10
14	Charmonium-nucleon interaction from lattice QCD with 2+1 flavors of dynamical quarks. , 2011, , .		4
15	Image-processing the topological charge density in the $\mathbb{C}P^{N-1}$ model. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	4
16	Hyperon vector coupling $f_1(0)$ from 2+1 flavor lattice QCD. , 2011, , .		1
17	PENTAQUARK BARYONS FROM LATTICE CALCULATIONS. , 2005, , .		0
18	Nucleon Iso-vector Couplings from Lattice QCD Using 2 + 1 Flavor Domain Wall Fermions. , 2019, , .		0