

Takaya Miyamoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3244615/publications.pdf>

Version: 2024-02-01

14
papers

439
citations

840776

11
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Most Strange Dibaryon from Lattice QCD. Physical Review Letters, 2018, 120, 212001.	7.8	87
2	$\hat{\Lambda}\hat{\Lambda}$ and $N\hat{\Sigma}$ interactions from lattice QCD near the physical point. Nuclear Physics A, 2020, 998, 121737.	1.5	86
3	$N\hat{\Sigma}$ dibaryon from lattice QCD near the physical point. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 284-289.	4.1	80
4	$\hat{\Lambda}N$ interaction from lattice QCD and its application to $\hat{\Lambda}$ hypernuclei. Nuclear Physics A, 2018, 971, 113-129.	1.5	35
5	Lattice QCD studies on baryon interactions in the strangeness -2 sector with physical quark masses. EPJ Web of Conferences, 2018, 175, 05010.	0.3	32
6	Dibaryon with Highest Charm Number near Unitarity from Lattice QCD. Physical Review Letters, 2021, 127, 072003.	7.8	29
7	Possible Lightest $\hat{\Sigma}$ Hypernucleus with Modern $\hat{\Sigma}N$ Interactions. Physical Review Letters, 2020, 124, 082501.	7.8	26
8	$l = 2$ $\pi\pi$ scattering phase shift from the HAL QCD method with the LapH smearing. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	14
9	Partial wave decomposition on the lattice and its applications to the HAL QCD method. Physical Review D, 2020, 101, .	4.7	14
10	$d\hat{\Sigma}(2380)$ dibaryon from lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135935.	4.1	13
11	$\pi\pi$ potential in the HAL QCD method with all-to-all propagators. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	11
12	The HAL QCD potential in the $l = 1$ $\pi\pi$ system with the ρ -meson bound state. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	6
13	Optimized two-baryon operators in lattice QCD. Physical Review D, 2022, 105, .	4.7	6
14	Towards Lattice QCD Baryon Forces at the Physical Point: First Results. , 2017, , .		0