

Takaya Miyamoto

List of Publications by Year in descending order

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papers

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840776

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14
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized two-baryon operators in lattice QCD. Physical Review D, 2022, 105, .	4.7	6
2	Dibaryon with Highest Charm Number near Unitarity from Lattice QCD. Physical Review Letters, 2021, 127, 072003.	7.8	29
3	The HAL QCD potential in the $I = 1$ $\bar{c}c$ system with the \bar{c} -meson bound state. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	6
4	$d\bar{s}(2380)$ dibaryon from lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135935.	4.1	13
5	Partial wave decomposition on the lattice and its applications to the HAL QCD method. Physical Review D, 2020, 101, .	4.7	14
6	Possible Lightest $\bar{c}c$ Hypernucleus with Modern $\bar{c}c$ Interactions. Physical Review Letters, 2020, 124, 092501.	7.8	26
7	$\bar{c}c$ and $\bar{c}N$ interactions from lattice QCD near the physical point. Nuclear Physics A, 2020, 998, 121737.	1.5	86
8	$\pi\pi$ potential in the HAL QCD method with all-to-all propagators. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	11
9	$\bar{c}c$ 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
10	$\bar{c}N$ interaction from lattice QCD and its application to \bar{c} hypernuclei. Nuclear Physics A, 2018, 971, 113-129.	1.5	35
11	$I = 2$ $\bar{c}c$ scattering phase shift from the HAL QCD method with the LapH smearing. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	14
12	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
13	Most Strange Dibaryon from Lattice QCD. Physical Review Letters, 2018, 120, 212001.	7.8	87
14	Towards Lattice QCD Baryon Forces at the Physical Point: First Results. , 2017, , .		0