

Lu Meng

List of Publications by Year in descending order

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33
papers

907
citations

393982
19
h-index

433756
31
g-index

33
all docs

33
docs citations

33
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Charm pentaquark states and Λ_c^+ tetraquark states. <i>Physical Review D</i> , 2019, 101, .	1.6	78
2	Spectrum of the fully heavy tetraquark state Λ_c^+ . <i>Physical Review D</i> , 2020, 101, .	1.6	67
3	Hidden-charm and hidden-bottom molecular pentaquarks in chiral effective field theory. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	60
4	Spectrum of the strange hidden charm molecular pentaquarks in chiral effective field theory. <i>Physical Review D</i> , 2020, 101, .	1.6	58
5	Radiative decays of the doubly charmed baryons in chiral perturbation theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 777, 169-176.	1.5	54
6	Probing the long-range structure of the Λ_c^+ tetraquark state with the strong and electromagnetic decays. <i>Physical Review D</i> , 2021, 104, .	1.6	53
7	Magnetic moments of the doubly charmed and bottom baryons. <i>Physical Review D</i> , 2017, 96, .	1.6	50
8	Decoding the nature of Λ_c^+ tetraquark state. <i>Physical Review D</i> , 2020, 102, .	1.6	48
9	Predicting the Λ_c^+ tetraquark state. <i>Physical Review D</i> , 2020, 102, .	1.6	47
10	Deuteron-like states composed of two doubly charmed baryons. <i>Physical Review D</i> , 2017, 95, .	1.6	33
11	Mass spectrum and strong decays of tetraquark Λ_c^+ states. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	32
12	Magnetic moments of the spin- $\frac{3}{2}$ doubly heavy baryons. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	30
13	Systematics of the heavy flavor hadronic molecules. <i>European Physical Journal C</i> , 2022, 82, .	1.4	30
14	Implications of the Λ_c^+ tetraquark state. <i>Physical Review D</i> , 2020, 102, .	1.4	24
15	Predicting the Λ_c^+ tetraquark state. <i>Physical Review D</i> , 2020, 102, .	1.4	22
16	and the structure of Λ_c^+ tetraquark state. <i>Physical Review D</i> , 2020, 102, .	1.6	19
17	Light pseudoscalar meson and doubly charmed baryon scattering lengths with heavy diquark-antiquark symmetry. <i>Physical Review D</i> , 2019, 100, .	1.6	19
18	Radiative decays of the singly heavy baryons in chiral perturbation theory. <i>Physical Review D</i> , 2019, 99, .	1.6	19

19	Higher fully charmed tetraquarks: Radial excitations and P -wave states. Physical Review D, 2021, 104, .	1.6	19
20	Revisit the isospin violating decays of $X(3872)$ to $J/\psi \eta$ and $J/\psi \eta'$. Physical Review D, 2020, 101, .	1.6	19
21	Possible hadronic molecules composed of the doubly charmed baryon and nucleon. European Physical Journal A, 2018, 54, 1.	1.0	17
22	Radiative transitions and magnetic moments of the charmed and bottom vector mesons in chiral perturbation theory. Physical Review D, 2019, 100, .	1.6	17
23	Magnetic moments of the spin- $\frac{3}{2}$ singly heavy baryons. Physical Review D, 2018, 98, .	1.6	16
24	Magnetic moments of the spin- $\frac{1}{2}$ singly charmed baryons in chiral perturbation theory. Physical Review D, 2018, 98, .	1.6	16
25	χ interaction in chiral effective field theory. Physical Review C, 2020, 101, .	1.4	14
26	Deciphering the charged heavy quarkoniumlike states in chiral effective field theory. Physical Review D, 2020, 102, .	1.6	11
27	Possible molecular states composed of doubly charmed baryons with coupled-channel effect. European Physical Journal A, 2020, 56, 1.	1.0	10
28	Exotic hadron bound state production at hadron colliders. Chinese Physics C, 2017, 41, 083106.	1.5	8
29	Hadronic molecular states composed of spin- $\frac{3}{2}$ singly charmed baryons. European Physical Journal A, 2019, 55, 1.	1.0	7
30	Isospin violating decay $D^0 \rightarrow \pi^+ \pi^- \pi^0$ in. Physical Review D, 2020, 101, .	1.6	6
31	Two-particle scattering from finite-volume quantization conditions using the plane wave basis. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
32	Hidden charm pentaquark states and $\bar{c}^* D^*_{s1}$ interaction in chiral perturbation theory. , 2020, , .		0
33	Spectrum of the fully-heavy tetraquark state $QQQ\bar{Q}$. , 2020, , .		0