

Xu Feng

List of Publications by Year in descending order

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394421

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docs citations

36
times ranked

1157
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice QCD Study of Transverse-Momentum Dependent Soft Function. Physical Review Letters, 2022, 128, 062002.	7.8	30
2	Lattice QCD Calculation of the Pion Mass Splitting. Physical Review Letters, 2022, 128, 052003.	7.8	12
3	Lattice QCD calculation of $\langle K \rangle$ Physical Review D, 2022, 105, .	4.7	7
4	Lattice QCD Calculation of the Two-Photon Exchange Contribution to the Muonic-Hydrogen Lamb Shift. Physical Review Letters, 2022, 128, 172002.	7.8	8
5	Field sparsening for the construction of the correlation functions in lattice QCD. Physical Review D, 2021, 103, .	4.7	6
6	Finite-volume effects in long-distance processes with massless leptonic propagators. Physical Review D, 2021, 103, .	4.7	8
7	Finite-volume formalism in the $2\pi \rightarrow \pi\pi$ transition: An application to the lattice QCD calculation of double beta decays. Physical Review D, 2021, 103, .	4.7	12
8	Sensitivities of Ozone Air Pollution in the Beijing-Tianjin-Hebei Area to Local and Upwind Precursor Emissions Using Adjoint Modeling. Environmental Science & Technology, 2021, 55, 5752-5762.	10.0	35
9	Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1.	5.0	208
10	Lattice QCD calculation of the electroweak box diagrams for the kaon semileptonic decays. Physical Review D, 2021, 103, .	4.7	19
11	Joint lattice QCD dispersion theory analysis confirms the quark-mixing top-row unitarity deficit. Physical Review D, 2020, 101, .	4.7	79
12	Parton distribution functions of $\langle \hat{P} \rangle$ on the lattice. Physical Review D, 2020, 102, .	4.7	34
13	First-Principles Calculation of Electroweak Box Diagrams from Lattice QCD. Physical Review Letters, 2020, 124, 192002.	7.8	39
14	Lattice QCD calculation of the pion charge radius using a model-independent method. Physical Review D, 2020, 101, .	4.7	15
15	NOx Emission Reduction and Recovery during COVID-19 in East China. Atmosphere, 2020, 11, 433.	2.3	160
16	New method for calculating electromagnetic effects in semileptonic beta-decays of mesons. Journal of High Energy Physics, 2020, 2020, 1.	4.7	21
17	Lattice QCD calculation of the two-photon contributions to $K_L \rightarrow \mu^+ \mu^-$ and $\pi^0 \rightarrow e^+ e^-$ decays. , 2020, , .		5
18	Electromagnetic corrections to leptonic pion decay from lattice QCD using infinite-volume reconstruction method. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
19	<p>utrino Exchange and Long-Distance Contributions to $K \rightarrow \pi \ell \ell$ Decays: An Exploratory Study on $K \rightarrow \pi \ell \ell$ Decays. Physical Review D, 2019, 100, .</p>	7.8	22
20	<p>QED self-energies from lattice QCD without power-law finite-volume errors. Physical Review D, 2019, 100, .</p>	4.7	21
21	<p>Long-distance contributions to neutrinoless double beta decay $0\nu\beta\beta$. Physical Review D, 2019, 100, .</p>	4.7	21
22	<p>Lattice QCD study of the rare kaon decay $K \rightarrow \pi \ell \ell$ at a near-physical pion mass. Physical Review D, 2019, 100, .</p>	4.7	12
23	<p>Novel Soft-Pion Theorem for Long-Range Nuclear Parity Violation. Physical Review Letters, 2018, 120, 181801.</p>	7.8	5
24	<p>Recent progress in applying lattice QCD to kaon physics. EPJ Web of Conferences, 2018, 175, 01005.</p>	0.3	4
25	<p>Including electromagnetism in $K \rightarrow \pi \ell \ell$ decay calculations. EPJ Web of Conferences, 2018, 175, 13016.</p>	0.3	10
26	<p>First exploratory calculation of the long-distance contributions to the rare kaon decays $K \rightarrow \pi \ell \ell$. Physical Review D, 2016, 94, .</p>	4.7	14
27	<p>Progress in the exploratory calculation of the rare kaon decays $K \rightarrow \pi \ell \ell$. Physical Review Letters, 2017, 118, 252001.</p>	7.8	52
28	<p>Progress in the exploratory calculation of the rare kaon decays $K \rightarrow \pi \ell \ell$. , 2017, , .</p>		1
29	<p>First exploratory calculation of the long-distance contributions to the rare kaon decays $K \rightarrow \pi \ell \ell$. Physical Review D, 2016, 94, .</p>	4.7	24
30	<p>Prospects for a lattice computation of rare kaon decay amplitudes. II. $K \rightarrow \pi \ell \ell$ decays. Physical Review D, 2016, 93, .</p>	4.7	25
31	<p>Timelike pion form factor in lattice QCD. Physical Review D, 2015, 91, .</p>	4.7	75
32	<p>Resonance parameters of the $K \rightarrow \pi \ell \ell$ meson from lattice QCD. Physical Review D, 2011, 83, .</p>	4.7	118
33	<p>The scattering length from maximally twisted mass lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 268-274.</p>	4.1	81
34	<p>TWO PARTICLE STATES IN A BOX AND THE S-MATRIX IN MULTI-CHANNEL SCATTERING. International Journal of Modern Physics A, 2006, 21, 847-850.</p>	1.5	70
35	<p>Two particle states and the S-matrix elements in multi-channel scattering. Journal of High Energy Physics, 2005, 2005, 011-011.</p>	4.7	141
36	<p>Aerosol presence reduces the diurnal temperature range: an interval when the COVID-19 pandemic reduced aerosols revealing the effect on climate. Environmental Science Atmospheres, 0, , .</p>	2.4	6