

# Review of Particle Physics

Physical Review D

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Citation Report



#	ARTICLE	IF	CITATIONS
19	Lifetimes of doubly charmed baryons. Physical Review D, 2018, 98, .	1.6	26
20	Three-body decay of $\Lambda_c^*(2595)$ and $\Lambda_c^*(2625)$ with the inclusion of a direct two-pion coupling. Physical Review D, 2018, 98, .	1.6	10
21	Form factor ratios for $K \rightarrow \pi \pi B$ and $K \rightarrow \pi \pi K$ from lattice QCD: $\Lambda_c^*(2595)$ and $\Lambda_c^*(2625)$ . Physical Review D, 2018, 98, .	1.6	13
22	Beyond lattice QCD: $K \rightarrow \pi \pi B$ and $K \rightarrow \pi \pi K$ from lattice QCD. Physical Review D, 2018, 98, .	1.6	13
23	Beyond lattice QCD: $K \rightarrow \pi \pi B$ and $K \rightarrow \pi \pi K$ from lattice QCD. Physical Review D, 2018, 98, .	1.6	21
24	Flavor violation in chromo- and electromagnetic dipole moments induced by $Z\alpha^2$ gauge bosons and a brief revisit of the Standard Model. Physical Review D, 2018, 98, .	1.6	7
25	(Gravitational) Vacuum Cherenkov Radiation. Symmetry, 2018, 10, 424.	1.1	9
26	Pion electromagnetic form factor at high precision with implications to $a_1(1260)$ and the onset of perturbative QCD. Physical Review D, 2018, 98, .	1.6	33
27	Scaling of P-wave excitation energies in heavy-quark systems. Physical Review D, 2018, 98, .	1.6	12
28	Review of absolute neutrino mass measurements. Hyperfine Interactions, 2018, 239, 1.	0.2	2
29	Machine Learning system mimicking student's choice in Particle Data Analysis laboratory activity. Journal of Physics: Conference Series, 2018, 1144, 012031.	0.3	0
30	First results on precision constraints on $Z - Z\alpha^2$ mixing with ATLAS and CMS diboson production data at the LHC at 13 TeV and predictions for Run II. EPJ Web of Conferences, 2018, 191, 02006.	0.1	0
31	Study of the reactions $e^+e^- \rightarrow \pi^+\pi^- K^+K^-$ and $e^+e^- \rightarrow \pi^+\pi^- K^+K^0$ at $\sqrt{s} = 1.9$ GeV. Physical Review D, 2018, 98, .	1.6	16
32	Common explanation of the behavior of some $e^+e^-$ annihilation processes around $s = 1.9$ GeV. Physical Review D, 2018, 98, .	1.6	5
33	$\pi^+\pi^- \rightarrow K^+K^-$ scattering up to 1.47 GeV with hyperbolic dispersion relations. European Physical Journal C, 2018, 78, 1.	1.4	42
34	Measurement of the $e^+e^- \rightarrow \pi^+\pi^- \rho^0$ cross section in the energy range 1.075–2.0 GeV at SND. Physical Review D, 2018, 98, .	1.6	8
35	Weak decays of doubly heavy baryons: W-exchange. European Physical Journal C, 2018, 78, 1.	1.4	25
36	Multiplicity spectra in $e^+e^-$ and $p\bar{p}$ collisions in terms of Tsallis and Weibull distributions. International Journal of Modern Physics E, 2018, 27, 1850101.	0.4	2





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73	Standard model extension with flipped generations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 1-7.	1.5	1
74	Dalitz plot analysis of the decay $\Lambda_c^+ \rightarrow p \pi^+ \pi^-$ . Measurement of the branching fraction and time-dependent asymmetry for $B \rightarrow D^* \pi^+ \pi^-$ . Physical Review D, 2018, 98, .	1.6	12
75	Neutrino charge radii from COHERENT elastic neutrino-nucleus scattering. Physical Review D, 2018, 98, .	1.6	5
76	Ultra-high-energy cosmic ray composition from the distribution of arrival directions. Physical Review D, 2018, 98, .	1.6	63
77	Instanton effects on charmonium states. Physical Review D, 2018, 98, .	1.6	5
79	Observation of $e^+e^- \rightarrow \tau^+ \tau^- c$ and search for $e^+e^- \rightarrow \tau^+ \tau^- c$ , $\tau^+ \tau^- c^2$ , and $\tau^+ \tau^- c$ at $s$ near $10.6 \text{ GeV}$ at Belle. Physical Review D, 2018, 98, .	1.6	8
80	The FAMU experiment at RIKEN-RAL to study the muon transfer rate from hydrogen to other gases. Journal of Instrumentation, 2018, 13, P12033-P12033.	0.5	9
81	Neutrino oscillations in accelerated frames. Europhysics Letters, 2018, 124, 51001.	0.7	20
82	Observation of the decay $B_s^0 \rightarrow D^+ K^- K^+$ . Physical Review D, 2018, 98, .	1.6	9
84	Observation of $D^0(+) \rightarrow K^0 S^0(+) \pi^+ \pi^-$ and improved measurement of $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ . Physical Review D, 2018, 98, .	1.6	2
85	Vector mesons and electromagnetic form factor of the $\Lambda_c^+$ hyperon. Physical Review D, 2018, 98, .	1.6	18
86	Towards a new paradigm for heavy-light meson spectroscopy. Physical Review D, 2018, 98, .	1.6	22
87	Production of semi-inclusive doubly heavy baryons via top-quark decays. Physical Review D, 2018, 98, .	1.6	18
88	Generalized linear sigma model with two glueballs. Physical Review D, 2018, 98, .	1.6	7
89	Chiral observables and topology in hot QCD with two families of quarks. Physical Review D, 2018, 98, .	1.6	45



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91	a0(980) physics in semileptonic D0 and D+ decays. Physical Review D, 2018, 98, .	1.6	10
92	Informational entropic Regge trajectories of meson families in AdS/QCD. Physical Review D, 2018, 98, .	1.6	33
93	Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay. Physical Review Letters, 2018, 121, 241805.	2.9	168
94	Observation of $B \rightarrow D^* \bar{K}^0$ and $B \rightarrow D^* \bar{K}^0$ decays. Physical Review Letters, 2018, 121, 241804.	1.6	10
95	Reduced Hadronic Uncertainty in the Determination of $V_{ub}$ . Physical Review Letters, 2018, 121, 241804.	2.9	183
96	Supersymmetric gauged $U(1) \times U(1)$ models. Physical Review D, 2018, 98, .	1.6	29
97	Physical Review D, 2018, 98, .	1.6	18
98	Probing TeV scale origin of neutrino mass at future lepton colliders via neutral and doubly-charged scalars. Physical Review D, 2018, 98, .	1.6	21
99	Constraints on the hybrid equation of state with a crossover hadron-quark phase transition in the light of GW170817. Physical Review D, 2018, 98, .	1.6	31
100	Hadronic parameters of $\tilde{\chi}_{c1}(1P)$ and first radially excited state $\tilde{\chi}_{c1}(2P)$ . AIP Conference Proceedings, 2018, .	0.3	0
101	New bounds on dark matter coupling from a global network of optical atomic clocks. Science Advances, 2018, 4, eaau4869.	4.7	96
102	$SO(10) \times U(1) \rightarrow U(1) \times U(1)$ as the origin of dark matter. Physical Review D, 2018, 98, .	1.6	8
103	The $\pi^0 \rightarrow \gamma \gamma$ decay. JETP Letters, 2018, 108, 347-351.	0.4	4
104	An experiment to search for dark-matter interactions using sodium iodide detectors. Nature, 2018, 564, 83-86.	13.7	94
105	Transverse spin transfer to $\Lambda^0$ and $\Lambda^+$ hyperons in polarized proton-proton collisions at $\sqrt{s} = 27.6$ GeV. Physical Review Letters, 2018, 121, 241804.	1.6	12
106	Role position of the $Z$ bosons from resonant diboson searches at the LHC. Physical Review D, 2018, 98, .	1.6	18
107	Physical Review D, 2018, 98, .	1.6	26
108	Quark spin structures of bottom-charmed threshold molecular states. Physical Review D, 2018, 98, .	1.6	2

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109	Non-thermal production of Dark Matter after inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 020-020.	1.9	20
110	Hadronic production of the doubly charmed baryon via the proton-nucleus and the nucleus-nucleus collisions at the RHIC and LHC. European Physical Journal C, 2018, 78, 1.	1.4	13
111	Worldline sphaleron for thermal Schwinger pair production. Physical Review D, 2018, 98, .	1.6	23
112	Correlations among elastic and inelastic cross-sections and slope parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 100-105.	1.5	2
113	$K^0$ photoproduction off the neutron with nucleon resonances. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 156-164.	1.5	10
114	Evidence for $\Lambda_{cb}^+$ production in $e^+e^- \rightarrow \Lambda_{cb}^+ \bar{\Lambda}_{cb}^-$ decays. Physical Review D, 2018, 98, .	1.6	23
115	Constraining a lighter exotic scalar via same-sign top. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 212-216.	1.5	25
116	Decay behavior of the strange and beauty partners of P hadronic molecules. Nuclear Physics A, 2018, 980, 21-31.	0.6	20
117	Models with higher weak-isospin Higgs multiplets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 268-271.	1.5	3
118	Strong interaction between kaons in the reactions $e^+e^- \rightarrow K^+K^-$ and $e^+e^- \rightarrow K^0\bar{K}^0$ . Physical Review D, 2018, 98, .	1.6	0
119	Long-term dynamics of cosmological axion strings. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	51
120	Phenomenology of doublet-triplet fermionic dark matter in nonstandard cosmology and multicomponent dark sectors. Physical Review D, 2018, 98, .	1.6	18
121	The liquid-hydrogen absorber for MICE. Journal of Instrumentation, 2018, 13, T09008-T09008.	0.5	3
122	Addendum to $\Lambda_{cb}^+$ decays. Physical Review D, 2018, 98, .	1.6	3
123	Concavity of the meson Regge trajectories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 477-484.	1.5	15
124	Nonleptonic $b \rightarrow c$ decays of single heavy baryons. Physical Review D, 2018, 98, .	1.6	39
125	First Observation of the Doubly Charmed Baryon Decay. Physical Review Letters, 2018, 121, 172001.	2.9	122
126	Renormalization-scheme variation of a QCD perturbation expansion with tamed large-order behavior. Physical Review D, 2018, 98, .	1.6	7



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127	Model-independent constraint on the pion scalar form factor and light quark masses. Physical Review D, 2018, 98, .	1.6	4
128	Dirac quantisation condition: a comprehensive review. Contemporary Physics, 2018, 59, 331-355.	0.8	16
129	Measurement of the Higgs boson mass in the $H \rightarrow \gamma \gamma$ and $H \rightarrow \gamma \gamma^*$ channels with $\sqrt{s} > 13$ TeV pp collisions using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 345-366.	1.6	13
130	Measurement of the $\Lambda_c^+$ baryon lifetime. Physical Review Letters, 2018, 121, 092003.	2.9	23
131	Observation of the decay $\Lambda_b^0 \rightarrow (2S) p \bar{c}$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
132	Meson-baryon coupling constants of the SU(3) baryons with flavor SU(3) symmetry breaking. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 434-440.	1.5	13
133	Discovery potential of stable and near-threshold doubly heavy tetraquarks at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 605-609.	1.5	74
134	Energetic Gamma-Ray Emission from Solar Flares. Astrophysical Journal, 2018, 864, 148.	1.6	10
135	First measurement of $\langle \sigma_{\text{had}} \rangle$ at $\sqrt{s} = 13$ TeV. Physical Review D, 2018, 98, .	1.6	10
136	Form factors for the rare $\bar{b} \rightarrow \bar{s} \ell^+ \ell^-$ decays in light cone QCD sum rules. Physical Review D, 2018, 98, .	1.6	2
137	Twin Peaks: A Possible Signal in the Production of Resonances beyond Special Relativity. Symmetry, 2018, 10, 432.	1.1	9
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139	Mixing among lowest-lying scalar mesons and scalar glueball. Nuclear Physics B, 2018, 934, 408-436.	0.9	6
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143	Impact of standard neutrino oscillations and systematics on proton lifetime measurements. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 075006.	1.4	1
144	Distinguishing axion models with IAXO. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 039-039.	1.9	19

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145	Heavy flavour production at LHCb. Journal of Physics: Conference Series, 2019, 1137, 012029.	0.3	0
146	Chiral partner structure of light nucleons in an extended parity doublet model. Physical Review D, 2019, 99, .	1.6	15
147	Studies of an air-shower imaging system for the detection of ultrahigh-energy neutrinos. Physical Review D, 2019, 99, .	1.6	25
148	Twin Turtles. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
149	CP symmetries as guiding posts: revamping tri-bi-maximal mixing. Part I. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
150	Asymmetric heavy-quark hadroproduction at LHCb: predictions and applications. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
151	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+ K^+$ , $D^+ \rightarrow \bar{K}^0 K^+ K^+$ and $D^+ \rightarrow \pi^+ \pi^0 K^+ K^+$ . Journal of High Energy Physics, 2019, 2019, .	1.6	6
152	Seesaw mirroring between light and heavy Majorana neutrinos with the help of the S3 reflection symmetry. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
153	Modular S4 models of lepton masses and mixing. Journal of High Energy Physics, 2019, 2019, 1.	1.6	120
154	Hunting for vectorlike quarks. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
155	Impact of an eV-mass sterile neutrino on the neutrinoless double-beta decays: A Bayesian analysis. Nuclear Physics B, 2019, 945, 114691.	0.9	12
156	Type I + II seesaw in a Two Higgs Doublet Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134813.	1.5	13
157	Constraining neutrino lifetimes and magnetic moments via solar neutrinos in the large xenon detectors. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 024-024.	1.9	21
158	Isoscalar and isovector kaon form factors from $e^+e^- \rightarrow \pi^0 \pi^0$ and $\pi^0 \pi^+$ , data. EPJ Web of Conferences, 2019, 212, 03006.	0.1	2
159	Mass and pole residue of $Y_b(10890)$ state with $JPC = 1^{\bar{3}}\bar{1}^0$ at finite temperature. AIP Conference Proceedings, 2019, , .	0.3	0
160	Light emission from treated surfaces of poly (ethylene terephthalate). Review of Scientific Instruments, 2019, 90, 063104.	0.6	0
161	Study of the $B^0 \rightarrow \bar{K}^*(892) \pi^0$ decay with an amplitude analysis of $B^0 \rightarrow (\bar{K}^* \pi^0) (K^+ \bar{K}^0)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
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163	Perturbative unitarity bounds for effective composite models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 644-649.	1.5	9
164	First search for $2\hat{\mu}$ and $\hat{\mu}\hat{\mu}^2+$ processes in 168Yb. Nuclear Physics A, 2019, 990, 64-78.	0.6	11
165	Resummation for rapidity distributions in top-quark pair production. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
166	Search for top quark partners with charge 5/3 in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
167	Measurement of the ratio of branching fractions of the decays $\hat{b} \rightarrow \hat{c} \hat{\nu}_\tau \hat{\nu}_\tau (2S)$ and $\hat{b} \rightarrow \hat{c} \hat{\nu}_\tau \hat{\nu}_\tau / \hat{b} \rightarrow \hat{c} \hat{\nu}_\tau \hat{\nu}_\tau$ . Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
168	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13$ TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	49
169	New Weinberg operator for neutrino mass and its seesaw origin. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
170	The full lepton flavor of the lightest Higgs model with T-parity. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
171	More models for lepton mixing with four constraints. Journal of High Energy Physics, 2019, 2019, 1.	1.6	1
172	Molière scattering in quark-gluon plasma: finding point-like scatterers in a liquid. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
173	Study of the electromagnetic Dalitz decays $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \hat{\nu} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{mathvariant="bold" stretchy="false"} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQqO O O rgBT /Overlock 1} \text{stretchy="false"} \rangle \hat{\nu} \langle \text{mml:mo} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \hat{\nu} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mo} \text{mathvariant="bold"} \rangle$		

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181	Measurement of the $K^+ \rightarrow \mu^+ \nu_\mu \gamma$ decay form factors in the OKA experiment. European Physical Journal C, 2019, 79, 1.	1.4	8
182	Prospects of searching for composite resonances at the LHC and beyond. Journal of High Energy Physics, 2019, 2019, 1.	1.6	26
183	Pseudo-Dirac Higgsino dark matter in GUT scale supersymmetry. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
184	Lattice-friendly gauge completion of a composite Higgs with top partners. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
185	LHC-friendly minimal freeze-in models. Journal of High Energy Physics, 2019, 2019, 1.	1.6	64
186	Renormalization group evolution of dimension-seven operators in standard model effective field theory and relevant phenomenology. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
187	Improved bounds on $\tilde{\chi}_{1,3}$ singlet dark matter. Journal of High Energy Physics, 2019, 2019, 1.	1.6	26
188	Sign of CP violating phase in quarks and leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
189	Exploring fine-tuning of the Next-to-Minimal Composite Higgs Model. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
190	Equation of state at finite densities for QCD matter in nuclear collisions. Physical Review C, 2019, 100, .	1.1	63
191	Observation and study of the decay $J/\psi \rightarrow \mu^+ \mu^- \tilde{\chi}_1^0$ . Physical Review D, 2019, 99, .	1.6	12
192	The role of charged exotic states in $e^+e^- \rightarrow \mu^+ \mu^- \tilde{\chi}_1^0(2S) \tilde{\chi}_1^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134851.	1.5	6
193	Resummation of soft and Coulomb corrections for $t\bar{t}$ production at the LHC. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
194	Investigation of $c\bar{c} \rightarrow s\bar{s} \tilde{\chi}_1^0$ . Physical Review D, 2019, 99, .	1.6	11
195	$\tilde{\chi}_1^0$ transverse polarization and decay asymmetry parameters. Physical Review D, 2019, 99, .	1.6	6
196	Dynamical Generation of Elementary Fermion Mass: First Lattice Evidence. Physical Review Letters, 2019, 123, 061802.	2.9	4
197	Phenomenological study of texture zeros in lepton mass matrices of minimal left-right symmetric model. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
198	New model for radiatively generated Dirac neutrino masses and lepton flavor violating decays of the Higgs boson. Physical Review D, 2019, 100, .	1.6	12

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199	Pauli-Principle Driven Correlations in Four-Neutron Nuclear Decays. JETP Letters, 2019, 110, 5-14. Search for high-mass dilepton resonances using $139 \text{ fb}^{-1}$ of pp collision data collected at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 68-87.	0.4	4
200	On two-loop corrections to the Higgs trilinear coupling in models with extended scalar sectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 38-46. The $\tilde{l}_j$ decay to $\tilde{l}_i^* K$ .	1.5	196
201	On two-loop corrections to the Higgs trilinear coupling in models with extended scalar sectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 38-46. The $\tilde{l}_j$ decay to $\tilde{l}_i^* K$ .	1.5	31
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235	Light-meson leptonic decay rates in lattice $\langle \text{QCD} \rangle + \langle \text{QED} \rangle$ . Physical Review D, 2019, 100, .	1.6	57
236	Limits on R-parity violation in high-scale supersymmetry. Physical Review D, 2019, 100, .	1.6	4
237	Flavor from the double tetrahedral group without supersymmetry: Flavorful axions and neutrinos. Physical Review D, 2019, 100, .	1.6	9
238	Model independent analysis of MeV scale dark matter: Cosmological constraints. Physical Review D, 2019, 100, .	1.6	6
239	Probing cosmic axions through resonant emission and absorption in atomic systems with superradiance. Physical Review D, 2019, 100, .	1.6	8
240	Enhanced $Z$ boson decays as a new probe of first-order electroweak phase transition at future lepton colliders. Physical Review D, 2019, .	1.6	7
241	Rare nonleptonic $B \rightarrow \bar{A} s$ decays as probes of new physics behind $\Lambda$ . Physical Review D, 2019, 99, .	1.6	5
242	Measurement of charm and bottom production from semileptonic hadron decays in p+p collisions at $s=200$ GeV. Physical Review D, 2019, 99, .	1.6	2
243	Heavy pentaquark spectroscopy in the diquark model. Physical Review D, 2019, 99, .	1.6	31
244	Anisotropic pressure induced by finite-size effects in SU(3) Yang-Mills theory. Physical Review D, 2019, 99, .	1.6	24
245	Approaching robust EFT limits for $CP$ violation in the Higgs sector. Physical Review D, 2019, 99, .	1.6	14
246	Search for heavy Majorana neutrino in lepton number violating decays of $D \rightarrow K \bar{e} + \dots$ . Physical Review D, 2019, 99, .	1.6	5
247	Implications of chiral symmetry on $S$ -wave pionic resonances and the scalar charmed mesons. Physical Review D, 2019, 99, .	1.6	12
248	Charmed baryon weak decays with decuplet baryon and SU(3) flavor symmetry. Physical Review D, 2019, 99, .	1.6	20
249	Electromagnetic and strong isospin-breaking corrections to the muon $g-2$ from lattice $\langle \text{QCD} \rangle + \text{QED}$ . Physical Review D, 2019, 99, .	1.6	78
250	Dilaton-assisted generation of the Fermi scale from the Planck scale. Physical Review D, 2019, 99, .	1.6	14
251	Complementary bound on the $W$ mass from Higgs boson to diphoton decays. Physical Review D, 2019, 99, .	1.6	13
252	Kinetic mixing and portal matter phenomenology. Physical Review D, 2019, 99, .	1.6	27

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253	Revisiting the SUSY $\frac{1}{4}$ problem and its solutions in the LHC era. Physical Review D, 2019, 99, .	1.6	38
254	Bayesian analysis of sneutrino dark matter in the NMSSM with a type-I seesaw mechanism. Physical Review D, 2019, 99, .	1.6	18
255	Complete treatment of single-photon emission in planar channeling. Physical Review D, 2019, 99, .	1.6	12
256	Low-scale leptogenesis with minimal lepton flavor violation. Physical Review D, 2019, 99, .	1.6	4
257	CP Violation in Higgs-Gauge Interactions: From Tabletop Experiments to the LHC. Physical Review Letters, 2019, 123, 051801.	2.9	30
258	X-Ray Signatures of Axion Conversion in Magnetic White Dwarf Stars. Physical Review Letters, 2019, 123, 061104.	2.9	31
259	On the Possibility of Measuring the Ratio $G_A/G_V$ by means of Polarized Ultracold Neutrons. Physics of Atomic Nuclei, 2019, 82, 98-107.	0.1	4
260	The CKM parameters in the SMEFT. Journal of High Energy Physics, 2019, 2019, 1.	1.6	38
261	Precise prediction for the $W$ boson mass in the MRSSM. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
262	Atomic binding energies for the ground state of some helium-like hypernuclear atoms. Journal of Physics C: Nuclear and Particle Physics, 2019, 46, 095102.	1.4	0
263	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in $pp$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	9
264	Application of the Thomas Fermi quark model to multiquark mesons. Nuclear Physics A, 2019, 990, 259-293.	0.6	2
265	Material Identification with Cosmic Ray Muons using RPCs. Journal of Instrumentation, 2019, 14, C07007-C07007.	0.5	6
266	Feed-down effect on $\langle \sigma \rangle$ spin polarization. Physical Review C, 2019, 100, .	1.1	61
267	Spherically symmetric solutions in torsion bigravity. Physical Review D, 2019, 100, .	1.6	12
268	Towards an ab initio covariant density functional theory for nuclear structure. Progress in Particle and Nuclear Physics, 2019, 109, 103713.	5.6	78
269	Isotopic variation of parity violation in atomic ytterbium: Description of the measurement method and analysis of systematic effects. Physical Review A, 2019, 100, .	1.0	1
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724	Measurement of electroweak WZ boson production and search for new physics in WZ + two jets events in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 795, 281-307.	1.5	36
725	X-ray pumping of the $^{229}\text{Th}$ nuclear clock isomer. <i>Nature</i> , 2019, 573, 238-242.	13.7	65
726	Cross section measurements of $e^+e^- \rightarrow \mu^+\mu^-$ at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2019, 100, .	1.5	39
727	Landau and Eckart frames for relativistic fluids in nuclear collisions. <i>Physical Review C</i> , 2019, 100, .	1.1	11
728	Cross sections for $A \rightarrow K \ell^+ \ell^-$ reactions. <i>Physical Review C</i> , 2019, 99, .	1.1	11
729	Search for Higgs and Z boson decays to $J/\psi$ or Y pairs in the four-muon final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134811.	1.5	12
730	The production of triton and reconstruction of $^3\text{H}$ with the Heavy Flavor Tracker in Au+Au collisions at STAR. <i>Nuclear Physics A</i> , 2019, 982, 811-814.	0.6	8
731	The charged and neutral pion masses revisited. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 796, 11-14.	1.5	9
732	Radial Spectrum of Light Mesons in Planar QCD Sum Rules and the Scalar Sigma-Meson. <i>Theoretical and Mathematical Physics(Russian Federation)</i> , 2019, 200, 1075-1093.	0.3	2
733	INFERNO: Inference-Aware Neural Optimisation. <i>Computer Physics Communications</i> , 2019, 244, 170-179.	3.0	28
734	Some like it hot: R2 heals Higgs inflation, but does not cool it. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 795, 657-665.	1.5	29
735	Presupernova neutrino signals as potential probes of neutrino mass hierarchy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 796, 126-130.	1.5	13
736	Measurement of the CP-violating phase $\gamma$ from $B \rightarrow J/\psi K$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134819.	1.5	6
737	Probing of violation of Lorentz invariance by ultracold neutrons in the Standard Model Extension. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134819.	1.5	18
738	Dependence of atomic parity-violation effects on neutron skins and new physics. <i>Physical Review C</i> , 2019, 100, .	1.1	13
739	Interference effects in LNV and LFV semileptonic decays: the Majorana hypothesis. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	27

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740	Measurements of directed and elliptic flow for D0 and $D^*$ mesons using the STAR detector at RHIC. Nuclear Physics A, 2019, 982, 671-674.	0.6	6
741	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ meson production in pp and PbPb collisions at $\sqrt{s} = 2.76$ and $5.02$ TeV. Nuclear Physics A, 2019, 982, 671-674.	0.6	6
742	Probing the Higgs self-coupling through double Higgs production in vector boson scattering at the LHC. Nuclear Physics B, 2019, 945, 114687.	0.9	20
743	Anatomy of $B \rightarrow \tau^+ \tau^-$ PP decays and effects of the next-to-leading order contributions in the perturbative QCD approach. Nuclear Physics B, 2019, 946, 114705.	0.9	3
744	General neutrino interactions from an effective field theory perspective. Nuclear Physics B, 2019, 947, 114746.	0.9	78
745	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ meson production in pp and PbPb collisions at $\sqrt{s} = 2.76$ and $5.02$ TeV. Nuclear Physics A, 2019, 982, 671-674.	1.5	14
746	Status and prospects of $\theta_{13}$ leptonic mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 162-167.	1.5	7
747	Study of the $b \rightarrow c$ interaction with femtoscopy correlations in $B \rightarrow D^* \ell \bar{\nu}_\ell$ meson production in pp and PbPb collisions at $\sqrt{s} = 2.76$ and $5.02$ TeV. Nuclear Physics A, 2019, 982, 671-674.	1.5	64
748	Scalar dark matter in the conformally invariant extension of the standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134823.	1.5	14
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750	Cosmological constant: Relaxation vs multiverse. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134901.	1.5	5
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753	Spectrum and structure of octet and decuplet baryons and their positive-parity excitations. Physical Review D, 2019, 100, .	1.6	25
754	Neutrino quantum kinetics in compact objects. Physical Review D, 2019, 99, .	1.6	60
755	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
756	Observation of the $\Lambda_b^0 \rightarrow \Lambda_c^+ \ell^- \bar{\nu}_\ell$ (3872) $p \bar{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7

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759	Kinetic mixing effect in noncommutative $B \hat{\wedge} L$ gauge theory. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
760	Modular A4 symmetry models of neutrinos and charged leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	93
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762	Three-pion contribution to hadronic vacuum polarization. Journal of High Energy Physics, 2019, 2019, 1.	1.6	269
763	Improved constraints on sterile neutrinos in the MeV to GeV mass range. Physical Review D, 2019, 100, .	1.6	38
764	Searches for lepton number violating $K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134794.	1.5	26
765	Ultralight dark photon as a model for early Universe dark matter. Physical Review D, 2019, 100, .	1.6	11
766	Novel scheme for parametrizing the chemical freeze-out surface in heavy ion collision experiments. Physical Review D, 2019, 100, .	1.6	10
767	Silicon strip and pixel detectors for particle physics experiments. Physics Reports, 2019, 828, 1-34.	10.3	14
768	The upgraded beam monitor system of the FAMU experiment at RIKENâ€“RAL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 592-594. <a href="http://www.w3.org/1998/Math/MathML">www.w3.org/1998/Math/MathML</a>	0.7	7
769	 $H$  $\hat{\wedge}$ $3$ and $\langle \mathcal{M} \rangle$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$  $\hat{\wedge}$ $3$		

#	Observation of Excess $J/\psi \rightarrow \mu^+ \mu^-$ Yield at Very Low Transverse Momenta in Collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	IF	CITATIONS
776	Observation of Excess $J/\psi \rightarrow \mu^+ \mu^-$ Yield at Very Low Transverse Momenta in Collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	2.9	22
777	Inflation dark matter. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	9
778	A prototype for SANDD: A highly-segmented pulse-shape-sensitive plastic scintillator detector incorporating silicon photomultiplier arrays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 942, 162334.	0.7	13
779	Novel implementation of the multipole expansion to quarkonium hadronic transitions. <i>Physical Review D</i> , 2019, 100, .	1.6	11
780	Direct search constraints on very heavy dark skyrmions. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	0
781	Higgs Inflation. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 5, .	1.1	113
782	Excited heavy quarkonium production in Higgs boson decays. <i>Physical Review D</i> , 2019, 100, .	1.6	4
783	NLO corrections to $h \rightarrow b \bar{b}$ decay in SMEFT. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	25
784	Inverse seesaw mechanism and portal dark matter. <i>Physical Review D</i> , 2019, 100, . <a href="http://www.w3.org/1998/Math/MathML">Study of the decays <math>B \rightarrow K^* \mu^+ \mu^-</math></a>	1.6	5
785	$B \rightarrow K^* \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2019, 100, .	1.6	1
786	Confronting pentaquark photoproduction with new LHCb observations. <i>Physical Review D</i> , 2019, 100, .	1.6	37
787	Complete Measurement of the $\langle \mathbf{r}^{-1} \rangle$ Electromagnetic Form Factors. <i>Physical Review Letters</i> , 2019, 123, 122003.	2.9	44
788	Measurement of the Charm-Mixing Parameter $\gamma_{CP}$ . <i>Physical Review Letters</i> , 2019, 122, 011802.	2.9	15
789	First results on nucleon resonance photocouplings from the $\Lambda^0 \rightarrow \Lambda^+ \pi^- \pi^0$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 371-379.	1.5	20
790	A broad pseudovector glueball from holographic QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 431-435.	1.5	12
791	Simplest scoto-seesaw mechanism. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 789, 132-136.	1.5	24
792	Potential for probing three-body decays of Long-Lived Particles with MATHUSLA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 789, 127-131.	1.5	6
793	Ultra-high-energy cosmic rays. <i>Physics Reports</i> , 2019, 801, 1-93.	10.3	107









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831	Search for CP Violation in $D_s + \hat{\tau}^+ K S_0^0 \bar{\nu}_e +$ , $D + \hat{\tau}^+ K S_0 K^+ +$ , and $D + \hat{\tau}^+ \bar{\nu}_e +$ Decays. Physical Review Letters, 2019, 122, 2, 91803.	2.9	9
832	Observation of $B \rightarrow \tau^+ \nu_\tau \tau^+ \nu_\tau$ decays. Physical Review Letters, 2019, 122, 2, 91803.	2.9	9
833	Precise or failing ratio measurements in $B \rightarrow \tau^+ \nu_\tau \tau^+ \nu_\tau$ decays. Physical Review Letters, 2019, 122, 2, 91803.	1.1	7
834	Neutrino flavor as a test of the explosion mechanism of core-collapse supernovae. Physical Review D, 2019, 99, .	1.6	4
835	Quark Propagator in Minkowski Space. Few-Body Systems, 2019, 60, 1.	0.7	15
836	Proton decay at one loop. Physical Review D, 2019, 99, .	1.6	5
837	Search for $B \rightarrow \tau^+ \nu_\tau \tau^+ \nu_\tau$ decays. Physical Review Letters, 2019, 122, 2, 91803.		





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885	Reconciling dark matter, $R_{K^*}$ anomalies and $(g \hat{v}^2)^{1/4}$ in an $L^{1/4} \hat{v}^2 L^{\bar{L}}$ , scenario. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
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887	Clarification of large-strength transitions in the $\hat{v}^2$ decay of $Be$ $\int_{0}^{3872} T_j \text{ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 532 Td}$ $\int_{0}^{3872} T_j \text{ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 532 Td}$	1.1	12
888	Neutrino recoil force in electron-capture decay of polarized nuclei: Measurement prospects and potential applications. Physical Review C, 2019, 99, .	1.1	2
889	Roles of $U$ $\int_{0}^{3872} T_j \text{ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 532 Td}$ $\int_{0}^{3872} T_j \text{ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 532 Td}$	1.6	39
890	$Be$ $\int_{0}^{3872} T_j \text{ETQq0 0 0 rgBT /Overlock 10 Tf 50 732 Td}$ $\int_{0}^{3872} T_j \text{ETQq0 0 0 rgBT /Overlock 10 Tf 50 732 Td}$	1.6	13
891	Deviations to Tri-Bi-Maximal mixing in the limit of $\hat{v}^2$ symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 89-95.	1.5	4
892	Observation of a Narrow Pentaquark State, $P_c$ $\int_{0}^{3872} T_j \text{ETQq0 0 0 rgBT /Overlock 10 Tf 50 417 Td}$ $\int_{0}^{3872} T_j \text{ETQq0 0 0 rgBT /Overlock 10 Tf 50 417 Td}$	1.6	40
893	Search for production of an invisible dark photon in $\bar{B} \rightarrow D^* \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	40
894	CP violation in $\bar{B} \rightarrow D^* \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	17
895	Proton decay in flux compactifications. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
896	Charm production in charged current deep inelastic scattering at HERA. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
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898	Interaction and Identification of the Di-Hadronic Molecules. Few-Body Systems, 2019, 60, 1.	0.7	6
899	Identifying the $\Lambda_b(6227)$ and $\Lambda_b(6097)$ as P-wave bottom baryons of $J^P=3/2^+$ . Physical Review D, 2019, 99, .	1.6	32
900	Improved Value for the Gamow-Teller Strength of the $S_n$ $\int_{0}^{3872} T_j \text{ETQq0 0 0 rgBT /Overlock 10 Tf 50 417 Td}$ $\int_{0}^{3872} T_j \text{ETQq0 0 0 rgBT /Overlock 10 Tf 50 417 Td}$	2.9	33
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906	Analysis of the mass and width of the X(4140) as axialvector tetraquark state. European Physical Journal C, 2019, 79, 1.	1.4	30
907	Characteristics of extensive air showers around the energy threshold for ground-particle-based $\gamma$ -ray observatories. European Physical Journal C, 2019, 79, 1.	1.4	8
908	Analysis of the hidden-bottom tetraquark mass spectrum with the QCD sum rules. European Physical Journal C, 2019, 79, 1.	1.4	21
909	Cluster Cosmology Constraints from the 2500 deg <sup>2</sup> SPT-SZ Survey: Inclusion of Weak Gravitational Lensing Data from Magellan and the Hubble Space Telescope. Astrophysical Journal, 2019, 878, 55.	1.6	211
910	A plausible explanation of $\tilde{\eta}'(10860)$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 409-413.	1.5	10
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912	Production of $\tilde{\eta}'$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 112301.	1.5	39
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918	Phenomenology of the simple 3-3-1 model with inert scalars. Physical Review D, 2019, 99, .	1.6	7
919	Measurement of the $t\bar{t}\tilde{A}$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 368.	1.4	68

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922	Strong Running Coupling from the Gauge Sector of Domain Wall Lattice QCD with Physical Quark Masses. Physical Review Letters, 2019, 122, 162002.	2.9	51
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932	$B \rightarrow K^* \mu^+ \mu^-$ anomalies and related phenomenology in $U(1)_{B-L} \times U(1)_{\mu-L} \times U(1)_{\tau-L}$ flavor gauge models. Journal of High Energy Physics, 2019, 2019, 1.	1.6	17
933	$B_s$ mixing observables and $ V_{td}/V_{ts} $ from sum rules. Journal of High Energy Physics, 2019, 2019, 1.	1.6	56
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939	Threshold corrections of $\hat{t}c(2P)$ and $\hat{t}b(3P)$ states and $J/\psi$ - and $J/\psi'$ -transitions of the $X(3872)$ in a coupled-channel model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 550-555.	1.5	19
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945	Comparison of results on $\langle N \rangle_{\text{eff}}$ from various Planck likelihoods. Astronomy and Astrophysics, 2019, 623, A9.	2.1	3
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948	Proton lifetime upper bound in non-SUSY SU(5) GUT. Physical Review D, 2019, 99, .	1.6	4
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955	Study of the rare decays of $B^0_s$ and $B^0$ mesons into muon pairs using data collected during 2015 and 2016 with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, .	1.6	62



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958	Singleton portals to the twin sector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
959	Potential for measuring the longitudinal and lateral profile of muons in TeV air showers with IACTs. Astroparticle Physics, 2019, 111, 23-34.	1.9	4
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961	Study of the process $e^+e^- \rightarrow \tau^+\tau^- \gamma$ in the c.m. energy range 1.6–2.0 GeV with the CMD-3 detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 419-423.	1.5	7
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1813	CP violation in beauty and charm at LHCb. <i>Journal of Physics: Conference Series</i> , 2020, 1526, 012007.	0.3	1
1814	Symmetries of the Renormalization Group Equations. <i>Journal of Physics: Conference Series</i> , 2020, 1540, 012010.	0.3	0
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1817	Regge behaviors in orbitally excited spectroscopy of charmed and bottom baryons. <i>Physical Review D</i> , 2020, 101, .	1.6	26
1818	Diamond Detectors for Timing Measurements in High Energy Physics. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	17
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1823	Two-step electroweak symmetry-breaking: theory meets experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	22
1824	Testing the W -exchange mechanism with two-body baryonic B decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
1825	Muon radiography employing the DIRC principle for density change measurements under volcanoes and fluid reservoirs. Journal of Instrumentation, 2020, 15, C07030-C07030.	0.5	1
1826	Improved pion mean fields and masses of singly heavy baryons. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	10
1827	QCD Crossover at Finite Chemical Potential from Lattice Simulations. Physical Review Letters, 2020, 125, 052001.	2.9	139
1828	Precision measurement of the $B_c^+$ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
1829	Model-independent bounds on new physics effects in non-leptonic tree-level decays of B-mesons. Journal of High Energy Physics, 2020, 2020, 1.	1.6	45
1830	Inverse mass hierarchy of light scalar mesons driven by anomaly-induced flavor breaking. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	6
1831	Probing the Glashow resonance at electron-positron colliders. Modern Physics Letters A, 2020, 35, 2050101.	0.5	0
1832	Unitarization Technics in Hadron Physics with Historical Remarks. Symmetry, 2020, 12, 1114.	1.1	28
1833	Searching for New Physics with $b \rightarrow s \ell \ell$ decays. Physical Review D, 2020, 101, .	1.5	23
1834	Modular $SU(3)$ -invariant flavor model in $SU(5)$ grand unified theory. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	52
1835	Investigation of electroproduction of $\tilde{\rho}^+$ mesons off protons. Physical Review C, 2020, 101, .	1.1	4
1836	Higgs assisted razor search for Higgsinos at a 100 TeV pp collider. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	1
1837	Systematic error analysis in the absolute hydrogen gas jet polarimeter at RHIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 976, 164261.	0.7	9
1838	Extraction of ND scattering lengths from the $\tilde{\rho}^+ \rightarrow \rho^+ \pi^0$ decay and properties of the $\tilde{\rho}^+$ (2800) <sup>+</sup> . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135623.	1.5	7
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1855	Signature of neutrino mass hierarchy in gravitational lensing. Physical Review D, 2020, 102, .	1.6	13
1856	Measuring the Weak Mixing Angle in the DUNE near-Detector Complex. Physical Review Letters, 2020, 125, 051803.	2.9	14
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1884	Dark matter relic density from conformally or disformally coupled light scalars. Physical Review D, 2020, 102, .	1.6	11
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1886	Fate of Light Scalar Mesons. Physics of Particles and Nuclei, 2020, 51, 632-639.	0.2	3
1887	Mesons and Glueballs, the Strong Effective Coupling within Analytic Confinement. Physics of Particles and Nuclei, 2020, 51, 668-672.	0.2	0
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1891	Recent results on charmonia- and bottomonia-like particles at Belle. AIP Conference Proceedings, 2020, , .	0.3	0
1892	Nucleon-to-resonance form factors at large photon virtualities. AIP Conference Proceedings, 2020, , .	0.3	1
1893	Photoproduction of $\bar{\Lambda}^0$ at GlueX. AIP Conference Proceedings, 2020, , .	0.3	1

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1897	Temperature and fluid velocity on the freeze-out surface from $\langle \mathbf{v} \cdot \mathbf{p} \rangle$ , $\langle \mathbf{v} \cdot \mathbf{v} \rangle$ , and $\langle \mathbf{v} \cdot \mathbf{p} \rangle$ spectra in $pp$ collisions. Physical Review C, 2020, 101, .	1.1	23
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1901	Cross section measurement of $e^+e^- \rightarrow \gamma^* \gamma^* \rightarrow \mu^+\mu^-$ from $s=4.178$ to $4.600$ GeV. Physical Review D, 2020, 101, .	1.6	13
1902	Witten-Veneziano mechanism and pseudoscalar glueball-meson mixing in holographic QCD. Physical Review D, 2020, 101, .	1.6	16
1903	Radiative decay of hadronic molecule state for quarks. Physical Review D, 2020, 101, .	1.6	3
1904	Strong decays of the higher excited $\chi_{c0}$ and $\chi_{c1}$ charmed baryons. Physical Review D, 2020, 101, .	1.6	24
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1907	Production of $X(3872)$ baryons. Physical Review D, 2020, 101, .	1.6	9
1908	Study on possible molecular states composed of $\bar{b}cD\bar{A}^-$ ( $\bar{b}bB$ ) and $\bar{b}cD\bar{A}^-$ ( $\bar{b}bB$ ) within the Bethe-Salpeter framework. Physical Review D, 2020, 101, .	1.6	13
1909	Radiative decays in charmonium beyond the $p/m$ approximation. Physical Review D, 2020, 101, .	1.6	7
1910	Nucleon electromagnetic form factors in the continuum limit from $(\pi^0 \gamma)$ decays. Physical Review D, 2020, 101, .	1.6	37
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1939	Short-distance constraints on hadronic light-by-light scattering in the anomalous magnetic moment of the muon. Physical Review D, 2020, 101, .	1.6	47
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1946	Exclusive production of $\tilde{\chi}_1^0$ meson in the $\tilde{\chi}_1^0$ reaction at large photon virtualities within $\tilde{\chi}_1^0$ production. Physical Review D, 2020, 101, .	1.6	17
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1987	Nucleons and higher spin baryon resonances: An AdS/QCD configurational entropic incursion. Physical Review D, 2020, 101, .	1.6	15
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1989	Roper-like resonances with various flavor contents and their two-pion emission decays. Physical Review D, 2020, 101, .	1.6	15
1990	Model-independent determination of the relative strong-phase difference between $D_0^+KS_L^0$ and $D_0^+KS_L^0$ and its impact on the measurement of the CKM angle $\beta_3$ . Physical Review D, 2020, 101, .	1.6	23
1991	Search for the decay $J/\psi \rightarrow \gamma^* \rightarrow \text{invisible}$ . Physical Review D, 2020, 101, .	1.6	5
1992	P-wave bottom baryons of the SU(3) flavor 6F. Physical Review D, 2020, 101, .	1.6	21
1993	Heavy-light mesons beyond the ladder approximation. Physical Review D, 2020, 101, .	1.6	9
1994	Axial vector transition form factors in holographic QCD and their contribution to the anomalous magnetic moment of the muon. Physical Review D, 2020, 101, .	1.6	25
1995	$\langle \mathcal{L} \rangle$ fragmentation functions from pQCD approach and the Suzuki model. Physical Review D, 2020, 101, .	1.6	12
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1997	Determination of the top-quark $\overline{MS}$ running mass via its perturbative relation to the on-shell mass with the help of the principle of maximum conformality. Physical Review D, 2020, 101, .	1.6	7
1998	Gravitational form factors of hyperons in light-cone QCD. Physical Review D, 2020, 101, .	1.6	7
1999	Studying $\Lambda^*$ resonances in the $pp \rightarrow \Lambda^* \Lambda^* \Lambda^*$ reaction. Physical Review D, 2020, 101, .	1.6	1
2000	Exploiting $C$ and $P$ asymmetries in rare charm decays. Physical Review D, 2020, 101, .	1.6	19
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2004	Probing a new decay of a vectorlike top partner mediated by a heavy Majorana neutrino via single production. Physical Review D, 2020, 101, .	1.6	4
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2006	Patterns of $C$ violation from mirror symmetry breaking in the $\hat{L}$ Dalitz plot. Physical Review D, 2020, 101, .	1.6	9
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2008	Removing flat directions in standard model EFT fits: How polarized electron-ion collider data can complement the LHC. Physical Review D, 2020, 101, .	1.6	14
2009	Implications of BBN bounds for cosmic ray upscattered dark matter. Physical Review D, 2020, 101, .	1.6	37
2010	Dalitz analysis of $D^0 \rightarrow K^+ K^- \pi^0$ decays at Belle. Physical Review D, 2020, 102, .	1.6	8
2011	Search for $B^0$ decays to invisible final states ( $\hat{\pi}^3$ ) at Belle. Physical Review D, 2020, 102, .	1.6	3
2012	Study of $B_s \rightarrow K^* \hat{\pi}^+$ , $B_s \rightarrow K^* \hat{\pi}^0$ , $B_s \rightarrow K^* \hat{\pi}^-$ decays in the PQCD factorization approach with lattice QCD input. Physical Review D, 2020, 102, .	1.6	6
2013	Exclusive tensor meson photoproduction. Physical Review D, 2020, 102, .	1.6	11
2014	Spectrum of singly heavy baryons from a chiral effective theory of diquarks. Physical Review D, 2020, 102, .	1.6	17
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2018	Electroweak strings with dark scalar condensates and their stability. Physical Review D, 2020, 102, .	1.6	2
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2024	Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	2.9	13
2025	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	2.9	14
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2028	Precision radiative corrections to the muon polarisation in the semileptonic decay of a charged kaon. European Physical Journal Plus, 2020, 135, 1.	1.2	0
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2030	Searching for dark photons in hyperon decays. Physical Review D, 2020, 101, .	1.6	10
2031	Analysis of the Results of the Neutrino-4 Experiment on the Search for the Sterile Neutrino and Comparison with Results of Other Experiments. JETP Letters, 2020, 112, 199-212.	0.4	18
2032	Study of the branching ratios and CP asymmetries in $B_s \rightarrow K^* \bar{D}^0$ decays within QCD factorization. International Journal of Modern Physics A, 2020, 35, 2050163.	0.5	1
2033	Newtonian Fractional-Dimension Gravity and MOND. Foundations of Physics, 2020, 50, 1608-1644.	0.6	16
2034	Search for Composite Dark Matter with Optically Levitated Sensors. Physical Review Letters, 2020, 125, 181102.	2.9	56
2035	Semileptonic Decays of Heavy Baryons. Physics of Particles and Nuclei, 2020, 51, 625-631.	0.2	1
2036	Heavy Baryon Spectroscopy. Physics of Particles and Nuclei, 2020, 51, 661-667.	0.2	3
2037	Studying XYZ states with BESIII. AIP Conference Proceedings, 2020, , .	0.3	0
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2262	Pseudoscalar and vector open-charm mesons at finite temperature. Physical Review D, 2020, 102, .	1.6	16
2263	Amplitude analysis of the $B \rightarrow D^* D^* D^*$ decay. Physical Review D, 2020, 102, .	1.6	117
2264	Suppression of decay widths in singly heavy baryons induced by the $U_A(1)$ anomaly. Physical Review D, 2020, 102, .	1.6	8
2266	Diffusion Monte Carlo calculations of fully-heavy multiquark bound states. Physical Review D, 2020, 102, .	1.6	43
2267	Excited $\Sigma^0$ baryons within the QCD sum rule approach. Physical Review D, 2020, 102, .	1.6	13
2268	QCD sum rules with spectral densities solved in inverse problems. Physical Review D, 2020, 102, .	1.6	5
2269	New $\bar{l}_\nu$ -based evaluation of the hadronic contribution to the vacuum polarization piece of the muon anomalous magnetic moment. Physical Review D, 2020, 102, .	1.6	25
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2272	Neutrino charge constraints from scattering to the weak gravity conjecture to neutron stars. Physical Review D, 2020, 102, .	1.6	2
2273	Heavy light inflaton and dark matter production. Physical Review D, 2020, 102, .	1.6	2
2274	Dark matter interactions in an $S_{4C}$ flavor symmetry framework. Physical Review D, 2020, 102, .	1.6	1
2275	Light new physics in XENON1T. Physical Review D, 2020, 102, .	1.6	38
2276	New bounds on macroscopic scalar-field topological defects from nontransient signatures due to environmental dependence and spatial variations of the fundamental constants. Physical Review D, 2020, 102, .	1.6	17



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2333	Search for the Rare Decays $B \rightarrow Z e \bar{e}$ Physical Review Letters, 2020, 124, 211802.	2.9	16
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2347	Charmonium spectroscopy motivated by general features of pNRQCD. International Journal of Theoretical Physics, 2020, 59, 3508-3532.	0.5	14
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2356	Extracting the spin polarizabilities of the proton by measurement of Compton double-polarization observables. Physical Review C, 2020, 102, .	1.1	6
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2359	First measurement of electron neutrino scattering cross section on argon. Physical Review D, 2020, 102, .	1.6	16
2360	Observation of a structure in $e\bar{\Lambda}$ at $\sqrt{s}=2.76$ TeV. Physical Review D, 2020, 102, .	1.6	27
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2363	Measurement of the branching fraction of the decay $B_s \rightarrow K^* \bar{\Lambda}$ from 2.05 to 3.08 GeV. Physical Review D, 2020, 102, .	1.6	27
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2366	Interpretation of excited $\bar{\Lambda}_c(4650)$ signals. Physical Review D, 2020, 102, .	1.6	12
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2370	Effective potential and universality in GUT-inspired gauge-Higgs unification. Physical Review D, 2020, 102, .	1.6	10
2371	Dark matter-neutrino interconversion at COHERENT, direct detection, and the early Universe. Physical Review D, 2020, 102, .	1.6	13
2372	Probing light gauge bosons in tau neutrino experiments. Physical Review D, 2020, 102, .	1.6	31
2373	Probing the nature of neutrinos with a new force. Physical Review D, 2020, 102, .	1.6	8
2374	Common origin of neutrino masses and $R$ $D$ $Tj$ $ETQq0$ $0$ $0$ $rgBT$ /Overlock 10 Tf 50 497 Td (stretch="false")	1.6	38
2375	Combined $R$ $D$ $Tj$ $ETQq1$ $1$ $0.784314$ $rgBT$ /Overlock 10 Tf 50 497 Td (stretch="false")	1.6	49
2376	Fermion pair production at $e^+e^-$ linear collider experiments in GUT inspired gauge-Higgs unification. Physical Review D, 2020, 102, .	1.6	12
2377	$R$ $D$ $Tj$ $ETQq1$ $1$ $0.784314$ $rgBT$ /Overlock 10 Tf 50 497 Td (stretch="false")	1.6	6
2378	Looking forward to test the KOTO anomaly with FASER. Physical Review D, 2020, 102, .	1.6	21
2379	Axial-vector and pseudoscalar mesons in the hadronic light-by-light contribution to the muon $g-2$ . Physical Review D, 2020, 102, .	1.6	28
2380	Two- and three-loop anomalous dimensions of Weinberg $\hat{\epsilon}^{\text{TM}}$ s dimension-six CP -odd gluonic operator. Physical Review D, 2020, 102, .	1.6	16
2381	NLO QCD corrections to $B_c$ -pair simultaneous description of the $K$ $D$ $Tj$ $ETQq1$ $1$ $0.784314$ $rgBT$ /Overlock 10 Tf 50 497 Td (stretch="false")	1.6	7
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2388	Deep learning and AdS/QCD. Physical Review D, 2020, 102, .	1.6	20
2389	Observation of the $Y$ $\rightarrow$ $4220$ $T_{jETQ000rgBT/Overlock10Tf50667Td$ (stretchy="false")	1.6	19
2390	Search for millicharged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2020, 102, .	1.6	26
2391	Testing triplet fermions at the electron-positron and electron-proton colliders using fat jet signatures. Physical Review D, 2020, 102, .	1.6	15
2392	Muon $g-2$ and $\hat{\Gamma}^{\pm}$ connection. Physical Review D, 2020, 102, .	1.6	145
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2394	Semileptonic decays of heavy mesons with artificial neural networks. Physical Review D, 2020, 102, .	1.6	0
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2396	$X(3872)$ tetraquarks in B and Bs decays. Physical Review D, 2020, 102, .	1.6	10
2397	Determination of entanglement entropy in elastic scattering using the model-independent method for hadron femtoscopy. Physical Review D, 2020, 102, .	1.6	5
2398	Partial decay widths of $\hat{\Gamma}^{\pm} \rightarrow \hat{\Gamma}^{\pm} 1.0784314rgBT/Overlock10Tf5029Td$ (stretchy="false")	1.6	11
2399	Understanding the newly observed $\hat{\Gamma}^{\pm} \rightarrow \hat{\Gamma}^{\pm} 4312$ $T_{jETQ000rgBT/Overlock10Tf50267Td$ (stretchy="false")	1.6	17
2400	Understanding the newly observed $\hat{\Gamma}^{\pm} \rightarrow \hat{\Gamma}^{\pm} 4312$ $T_{jETQ000rgBT/Overlock10Tf50267Td$ (stretchy="false")	1.6	20
2401	Fluctuation-induced higher-derivative couplings and infrared dynamics of the quark-meson-diquark model. Physical Review D, 2020, 102, .	1.6	8
2402	Toward $\hat{\Gamma}^{\pm} \rightarrow \hat{\Gamma}^{\pm} 4312$ $T_{jETQ000rgBT/Overlock10Tf50267Td$ (stretchy="false")	1.6	9
2403	Density of states of a coupled-channel system. Physical Review D, 2020, 102, .	1.6	7
2404	Ward identity of the vector current and the decay rate of $\hat{\Gamma}^{\pm} \rightarrow \hat{\Gamma}^{\pm} 4312$ $T_{jETQ000rgBT/Overlock10Tf50267Td$ (stretchy="false")	1.6	5

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2408	Bottom-up approach within the electroweak effective theory: Constraining heavy resonances. Physical Review D, 2020, 102, .	1.6	5
2409	LSND constraints on the Higgs portal. Physical Review D, 2020, 102, .	1.6	27
2410	Anomaly-free 2HDMs with a gauged Abelian symmetry and two generations of right-handed neutrinos. Physical Review D, 2020, 102, .	1.6	1
2411	Predictive Dirac and Majorana neutrino mass textures from $S \times U \times 6$ grand unified theories. Physical Review D, 2020, 102, .	1.6	5
2412	Observing left-right symmetry in the cosmic microwave background. Physical Review D, 2020, 102, .	1.6	15
2413	Enhancement near the $p\bar{A}^{\dagger}$ threshold in the $\bar{\nu}_c \hat{0}^{\dagger} p\bar{A}^{\dagger} K^{\dagger}$ reaction. Physical Review D, 2020, 102, .	1.6	3
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2415	Neutrino phenomenology in a left-right D4 symmetric model. Physical Review D, 2020, 102, .	1.6	7
2416	Studying the D1D molecule in the Bethe-Salpeter equation approach. Physical Review D, 2020, 102, .	1.6	6
2417	Nonlinear Regge trajectories with AdS/QCD. Physical Review D, 2020, 102, .	1.6	14
2418	First observation of the decay $B \rightarrow D^{\dagger} \bar{0}^{\dagger}$ Physical Review D, 2020, 102, .	1.6	3
2419	First search for $KL\hat{a}^{\dagger} \bar{\nu}_c \hat{0}^{\dagger}$ . Physical Review D, 2020, 102, .	1.6	1
2420	Disentangling different structures in heavy-light four-quark states. Physical Review D, 2020, 102, .	1.6	5
2421	Absolute neutrino mass as the missing link to the dark sector. Physical Review D, 2020, 102, .	1.6	9
2422	Measurement of singly Cabibbo-suppressed decays $D \rightarrow \hat{a}^{\dagger} \bar{\nu}_c \hat{0}^{\dagger}$ Physical Review D, 2020, 102, .	1.6	0



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2424	Study of the sensitivity to CKM angle $\theta_{13}$ under simultaneous determination from multiple $B \rightarrow D^* \mu^+ \mu^-$ decays. Physical Review D, 2020, 102, .	1.6	5
2425	Discovering the $B \rightarrow D^* \mu^+ \mu^-$ decay in $B \rightarrow D^* \mu^+ \mu^-$ associated production. Physical Review D, 2020, 102, .	1.6	3
2426	$B \rightarrow D^* \mu^+ \mu^-$ associated production. Physical Review D, 2020, 102, .	1.6	2
2427	Dynamical mixing between 23S1 and 13D1 charmed mesons. Physical Review D, 2020, 102, .	1.6	2
2428	Heavy-flavor PDF evolution and variable-flavor-number scheme uncertainties in deep-inelastic scattering. Physical Review D, 2020, 102, .	1.6	8
2429	Covariant model for Dalitz decays of decuplet baryons to octet baryons. Physical Review D, 2020, 102, .	1.6	8
2430	Relativistic corrections to the vector meson light front wave function. Physical Review D, 2020, 102, .	1.6	42
2431	$B \rightarrow D^* \mu^+ \mu^-$ tetraquarks in the chiral quark model. Physical Review D, 2020, 102, .	1.6	20
2432	Triply charmed dibaryons in the one boson exchange model. Physical Review D, 2020, 102, .	1.6	10
2433	Exotic hadrons in the $\Lambda_b \rightarrow \Lambda \pi^0 \pi^0$ decay. Physical Review D, 2020, 102, .	1.6	2
2434	Three photon decay of $B \rightarrow D^* \mu^+ \mu^-$ from lattice QCD. Physical Review D, 2020, 102, .	1.6	3
2435	Charmonium properties from lattice QCD: Hyperfine splitting, $B \rightarrow D^* \mu^+ \mu^-$ leptonic width, charm quark mass, and $B \rightarrow D^* \mu^+ \mu^-$ . Physical Review D, 2020, 102, .	1.6	36
2436	Minimal model for the fermion flavor structure, mass hierarchy, dark matter, leptogenesis, and the electron and muon anomalous magnetic moments. Physical Review D, 2020, 102, .	1.6	16
2437	Higgs portal to dark QED. Physical Review D, 2020, 102, .	1.6	2
2438	Neutrino masses and mixing angles in a model with six Higgs triplets and A4 symmetry. Physical Review D, 2020, 102, .	1.6	4
2439	Charged Higgs boson production via $cb$ -fusion at the Large Hadron Collider. Physical Review D, 2020, 102, .	1.6	7
2440	Explaining $B \rightarrow D^* \mu^+ \mu^-$ , the KOTO anomaly, and the MiniBooNE excess in an extended Higgs model with sterile neutrinos. Physical Review D, 2020, 102, .	1.6	57

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2442	Uncovering quirk signal via energy loss inside tracker. Physical Review D, 2020, 102, .	1.6	2
2443	New physics in $B_s$ meson mixing: Future sensitivity and limitations. Physical Review D, 2020, 102, .	1.6	21
2444	Electromagnetic form factors of octet baryons with the nonlocal chiral effective theory. Physical Review D, 2020, 102, .	1.6	8
2446	First branching fraction measurement of the suppressed decay $B \rightarrow D_s^* \mu^+ \mu^-$ . Physical Review D, 2020, 102, .	1.6	18
2447	Measurement of the charm-mixing parameter $y_{CP}$ in $D^0 \rightarrow K_S^0 \mu^+ \mu^-$ decays at Belle. Physical Review D, 2020, 102, .	1.6	4
2448	Search for a light charged Higgs boson in the $pp \rightarrow H \rightarrow \mu^+ \mu^-$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2020, 102, .	1.6	20
2449	Solar neutrino detection in liquid xenon detectors via charged-current scattering to excited states. Physical Review D, 2020, 102, .	1.6	12
2450	Hadronic weak decays of $B_c$ in the quark model. Physical Review D, 2020, 102, .	1.6	12
2451	$B \rightarrow X \mu^+ \mu^-$ as an $\mathcal{O}(p^2)$ process. Physical Review D, 2020, 102, .		

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2462	New physics at the MUonE experiment at CERN. Physical Review D, 2020, 102, .	1.6	22
2463	Light scalars with lepton number to solve the $U(1)$ anomaly. Physical Review D, 2020, 102, .	1.6	11
2464	XENON1T solar axion and the Higgs boson emerging from the dark. Physical Review D, 2020, 102, .	1.6	17
2465	New production channels for light dark matter in hadronic showers. Physical Review D, 2020, 102, .	1.6	18
2466	Texture zeros flavor neutrino mass matrix and triplet Higgs models. Physical Review D, 2020, 102, .	1.6	6
2467	Fermi-ball dark matter from a first-order phase transition. Physical Review D, 2020, 102, .	1.6	47
2468	Two-Higgs-doublet model with soft $C$ and $P$ violation confronting electric dipole moments and colliders. Physical Review D, 2020, 102, .	1.6	24
2469	Exploring leptoquark effects in hyperon and kaon decays with missing energy. Physical Review D, 2020, 102, .	1.6	9
2470	Higgs boson to $\hat{I}^3Z$ decay as a probe of flavor-changing neutral Yukawa couplings. Physical Review D, 2020, 102, .	1.6	7
2471	Getting chirality right: Single scalar leptoquark solutions to the $U(1)$ anomaly. Physical Review D, 2020, 102, .	1.6	10
2472	Sensitivity reach on heavy neutral leptons and $\hat{I}$ -neutrino mixing. Physical Review D, 2020, 102, .	1.6	10
2473	Neural resampler for Monte-Carlo reweighting with preserved uncertainties. Physical Review D, 2020, 102, .	1.6	23
2474	Theoretical study of the $\hat{I}(2012)$ state in the $\hat{I}(2012) \rightarrow \hat{I} + (K\hat{I})$ and $\hat{I} + (K\hat{I})$ decays. Physical Review D, 2020, 102, .	1.6	11
2475	Observable features in ultrahigh energy neutrinos due to active-sterile secret interactions. Physical Review D, 2020, 102, .	1.6	6
2476	Cosmological implications of the KOTO excess. Physical Review D, 2020, 102, .	1.6	3
2477	Hubble stream near a massive object: The exact analytical solution for the spherically-symmetric case. Physical Review D, 2020, 102, .	1.6	2

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2480	Higgs Boson Production in Bottom-Quark Fusion to Third Order in the Strong Coupling. Physical Review Letters, 2020, 125, 051804.	2.9	52
2481	Kinetic Heavy Quark Mass to Three Loops. Physical Review Letters, 2020, 125, 052003.	2.9	20
2482	$\hat{I}^2$ Decays as Sensitive Probes of Lepton Flavor Universality. Physical Review Letters, 2020, 125, 111801.	2.9	66
2483	Reexamining the Solar Axion Explanation for the XENON1T Excess. Physical Review Letters, 2020, 125, 131806.	2.9	52
2484	Standard-Model Prediction of $\hat{\mu}K$ with Manifest Quark-Mixing Unitarity. Physical Review Letters, 2020, 125, 171803.	2.9	33
2485	Search for a Dark Leptophilic Scalar in $e^+e^- \rightarrow \mu^+\mu^-$ Collisions. Physical Review Letters, 2020, 125, 181801.	2.9	21
2486	Four-loop QCD MOM beta functions from the three-loop vertices at the symmetric point. Physical Review D, 2020, 101, .	1.6	7
2487	Top quark as a probe of heavy Majorana neutrino at the LHC and future colliders. Physical Review D, 2020, 101, .	1.6	12
2488	Constraining electroweak penguin graph contributions in measurements of the CKM phase alpha using $B \rightarrow \pi \ell \ell$ and $B \rightarrow \pi \ell \nu$ decays. Physical Review D, 2020, 101, .	1.6	0
2489	Probing new neutral gauge bosons with $CE_{1/2}NS$ and neutrino-electron scattering. Physical Review D, 2020, 101, .	1.6	23
2490	Inclusive $J/\psi$ and $\hat{I}c$ production in $\hat{\nu}$ decay at $O(\hat{\pm}5)$ in nonrelativistic QCD factorization. Physical Review D, 2020, 101, .	1.6	1
2491	Renormalons in integrated spectral function moments and $\hat{I}_{\pm} s$ extractions. Physical Review D, 2020, 101, .	1.6	12
2492	Effects of bulk symmetry breaking on AdS/QCD predictions. Physical Review D, 2020, 101, .	1.6	3
2493	Baryon quadrupole moment in the $\hat{m}n > 1$ expansion of QCD. Physical Review D, 2020, 101, .	1.6	1
2494	Axial-vector exchange contribution to the hadronic light-by-light piece of the muon anomalous magnetic moment. Physical Review D, 2020, 101, .	1.6	81
2495	Spectrum of $p$ -wave hidden-charm exotic mesons in the diquark model. Physical Review D, 2020, 101, .	1.6	18

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2497	Properties of $Z$ boson production in $pp$ collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2020, 101, .	1.6	10
2498	Role of the triangle mechanism in the $\bar{b} \rightarrow \bar{c} \ell \bar{\nu}_\ell$ ( $980$ ) reaction. Physical Review D, 2020, 101, .	1.6	6
2499	Soft diffraction within the QCD color dipole picture. Physical Review D, 2020, 101, .	1.6	6
2500	Dispersive construction of two-loop $P \rightarrow \ell \bar{\ell}$ form factors for the full $U(1) \times SU(2) \times SU(3)$ gauge theories on the lattice: Quenched fundamental and antisymmetric fermions. Physical Review D, 2020, 101, .	1.6	7
2501	Reconciling the $X(2240)$ with the $Y(2175)$ . Physical Review D, 2020, 101, .	1.6	8
2502	Skewness, kurtosis, and the fifth and sixth order cumulants of net baryon-number distributions from lattice QCD confront high-statistics STAR data. Physical Review D, 2020, 101, .	1.6	85
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2557	Light-cone sum rules analysis of $\langle \mathcal{O} \rangle$ weak decays. European Physical Journal C, 2020, 80, 1.	1.4	22
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2624	Hadronic weak decays of the charmed baryon $\Lambda_c^0$ . Physical Review D, 2020, 101, .	1.6	12
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2710	A possibility of CPT violation in the Standard Model. <i>Europhysics Letters</i> , 2020, 129, 21003.	0.7	2
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3082	$\langle\text{mml:msup}\rangle\langle\text{mml:mi}\rangle B\langle\text{mml:mi}\rangle\langle\text{mml:mo}\rangle+\langle\text{mml:mo}\rangle\langle\text{mml:msup}\rangle\langle\text{mml:mo}\rangle\langle\text{mml:msub}\rangle\langle\text{mml:mi}\rangle\hat{1}/2\langle\text{mml:mi}\rangle$ and $\langle\text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"}\rangle$	1.6	19
3083	Observation of the semimuonic decay $\langle\text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"}\rangle\langle\text{mml:mi}\rangle$ , $\langle\text{mml:msup}\rangle\langle\text{mml:mi}\rangle D\langle\text{mml:mi}\rangle\langle\text{mml:mo}\rangle+\langle\text{mml:mo}\rangle\langle\text{mml:msup}\rangle\langle\text{mml:mo}\rangle\langle\text{mml:msup}\rangle\langle\text{mml:mi}\rangle\hat{1}/4\langle\text{mml:mi}\rangle$ Physical Review D, 2020, 101, .	1.6	15
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3763	What the Fermilab muon $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">g \hat{\tau}^{\dagger} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">g^2 \rangle \rangle$ experiment tells us about discovering supersymmetry at high luminosity and high energy upgrades to the LHC. Physical Review D, 2021, 104, .	1.6	32
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3878	Polarization effects in the search for a dark vector boson at $e+e^{-}$ colliders. Physical Review D, 2021, 103, .	1.6	3
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3881	Electroweak phase transition confronted with dark matter detection constraints. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 035-035.	1.9	3
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3893	Electroweak Physics from the CMS Experiment at the LHC. Physics of Atomic Nuclei, 2021, 84, 37-41.	0.1	0
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3917	Constraints on flavor-diagonal non-standard neutrino interactions from Borexino Phase-II. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
3918	A testable hidden-sector model for Dark Matter and neutrino masses. Journal of High Energy Physics, 2020, 2020, 1.	1.6	19
3919	New A4 lepton flavor model from S4 modular symmetry. Journal of High Energy Physics, 2020, 2020, 1.	1.6	72
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4609	stretchy="false"></mml:mo><mml:mi>g</mml:mi><mml:mo>^{\mu\nu}</mml:mo><mml:mrow><mml:mi>P</mml:mi></mml:mrow><mml:mi>C</mml:mi></mml:mrow></mml:math> Tj ETQq0 0	1.6	20
4610	stretchy="false"></mml:mo><mml:mrow><mml:msub><mml:mo>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142 Td (stretchy="fal	1.6	20
4610	stretchy="false"></mml:mo><mml:msup><mml:mi>J</mml:mi></mml:mi><mml:mrow><mml:mi>P</mml:mi></mml:mi><mml:mi>C</mml:mi></mml:mrow></mml:msup>	1.6	20
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