

### SCI Papers of ITP in 2023

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	A computational model of learning flexible navigation in a maze by layout-conforming replay of place cells	Gao, Yuanxiang	FRONTIERS IN COMPUTATIONAL NEUROSCIENCE	2023	17		1053097	<a href="http://dx.doi.org/10.3389/fncom.2023.1053097">http://dx.doi.org/10.3389/fncom.2023.1053097</a>
2	A Concise Review on Some Higgs-Related New Physics Models in Light of Current Experiments	Wang, Lei; Yang, Jin Min; Zhang, Yang; Zhu, Pengxuan; Zhu, Rui	UNIVERSE	2023	9	4	178	<a href="http://dx.doi.org/10.3390/universe9040178">http://dx.doi.org/10.3390/universe9040178</a>
3	A hidden self-interacting dark matter sector with first-order cosmological phase transition and gravitational wave	Wang, Wenyu; Xu, Wu-Long; Yang, Jin Min	EUROPEAN PHYSICAL JOURNAL PLUS	2023	138	9	781	<a href="http://dx.doi.org/10.1140/epjp/s13360-023-04412-4">http://dx.doi.org/10.1140/epjp/s13360-023-04412-4</a>
4	A new look at the Pcs states from a molecular perspective	Feijoo, Albert; Wang, Wen-Fei; Xiao, Chu-Wen; Wu, Jia-Jun; Oset, Eulogio; Nieves, Juan; Zou, Bing-Song	PHYSICS LETTERS B	2023	839		137760	<a href="http://dx.doi.org/10.1016/j.physletb.2023.137760">http://dx.doi.org/10.1016/j.physletb.2023.137760</a>
5	A Note on Vestigial Osmotic Pressure	Wu, Hao; Ou-Yang, Zhong-Can; Podgornik, Rudolf	MEMBRANES	2023	13	3	332	<a href="http://dx.doi.org/10.3390/membranes13030332">http://dx.doi.org/10.3390/membranes13030332</a>
6	A one-third magnetization plateau phase as evidence for the Kitaev interaction in a honeycomb-lattice antiferromagnet	Shangguan, Yanyan; Bao, Song; Dong, Zhao-Yang; Xi, Ning; Gao, Yi-Peng; Ma, Zhen; Wang, Wei; Qi, Zhongyuan; Zhang, Shuai; Huang, Zhenao; Liao, Junbo; Zhao, Xiaoxue; Zhang, Bo; Cheng, Shufan; Xu, Hao; Yu, Dehong; Mole, Richard A.; Murai, Naoki; Ohira-Kawamura, Seiko; He, Lunhua; Hao, Jiazheng; Yan, Qing-Bo; Song, Fengqi; Li, Wei; Yu, Shun-Li; Li, Jian-Xin; Wen, Jinsheng	NATURE PHYSICS	2023	19	12	1883+	<a href="http://dx.doi.org/10.1038/s41567-023-02212-2">http://dx.doi.org/10.1038/s41567-023-02212-2</a>
7	A photonic entanglement filter with Rydberg atoms	Ye, Gen-Sheng; Xu, Biao; Chang, Yue; Shi, Shuai; Shi, Tao; Li, Lin	NATURE PHOTONICS	2023	17	6	538+	<a href="http://dx.doi.org/10.1038/s41566-023-01194-0">http://dx.doi.org/10.1038/s41566-023-01194-0</a>
8	A precision relation between $\gamma(K \rightarrow \mu + \mu^-)(t)$ and $B(KL \rightarrow \mu + \mu^-)/B(KL \rightarrow \gamma\gamma)$	Dery, Avital; Ghosh, Mitrajyoti; Grossman, Yuval; Kitahara, Teppei; Schacht, Stefan	JOURNAL OF HIGH ENERGY PHYSICS	2023		3	14	<a href="http://dx.doi.org/10.1007/JHEP03(2023)014">http://dx.doi.org/10.1007/JHEP03(2023)014</a>
9	A review on shear jamming	Pan, Deng; Wang, Yinqiao; Yoshino, Hajime; Zhang, Jie; Jin, Yuliang	PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS	2023	1038		1-18	<a href="http://dx.doi.org/10.1016/j.physrep.2023.10.002">http://dx.doi.org/10.1016/j.physrep.2023.10.002</a>
10	A Survey of Universal Quantum von Neumann Architecture	Liu, Yuan-Ting; Wang, Kai; Liu, Yuan-Dong; Wang, Dong-Sheng	ENTROPY	2023	25	8	1187	<a href="http://dx.doi.org/10.3390/e25081187">http://dx.doi.org/10.3390/e25081187</a>
11	A Systematic Approach for Inertial Sensor Calibration of Gravity Recovery Satellites and Its Application to Taiji-1 Mission	Zhang, Haoyue; Xu, Peng; Ye, Zongqi; Ye, Dong; Qiang, Li-E; Luo, Ziren; Qi, Keqi; Wang, Shaoxin; Cai, Zhiming; Wang, Zuolei; Lei, Jungang; Wu, Yueliang	REMOTE SENSING	2023	15	15	3817	<a href="http://dx.doi.org/10.3390/rs15153817">http://dx.doi.org/10.3390/rs15153817</a>
12	Accurate and efficient protein sequence design through learning concise local environment of residues	Huang, Bin; Fan, Tingwen; Wang, Kaiyue; Zhang, Haicang; Yu, Chungong; Nie, Shuyu; Qi, Yangshuo; Zheng, Wei-Mou; Han, Jian; Fan, Zheng; Sun, Shiwei; Ye, Sheng; Yang, Hualiyi; Bu, Dongbo	BIOINFORMATICS	2023	39	3	btad122	<a href="http://dx.doi.org/10.1093/bioinformatics/btad122">http://dx.doi.org/10.1093/bioinformatics/btad122</a>
13	Algorithm for symbol integrations for loop integrals	He, Song; Tang, Yichao	PHYSICAL REVIEW D	2023	108	4	L041702	<a href="http://dx.doi.org/10.1103/PhysRevD.108.L041702">http://dx.doi.org/10.1103/PhysRevD.108.L041702</a>

14	Alleviating both H0 and S8 tensions: Early dark energy lifts the CMB-lockdown on ultralight axion	Ye, Gen; Zhang, Jun; Piao, Yun-Song	PHYSICS LETTERS B	2023	839		137770	<a href="http://dx.doi.org/10.1016/j.physletb.2023.137770">http://dx.doi.org/10.1016/j.physletb.2023.137770</a>
15	Amplitude/operator basis in chiral perturbation theory	Low, Ian; Shu, Jing; Xiao, Ming-Lei; Zheng, Yu-Hui	JOURNAL OF HIGH ENERGY PHYSICS	2023		1	31	<a href="http://dx.doi.org/10.1007/JHEP01(2023)031">http://dx.doi.org/10.1007/JHEP01(2023)031</a>
16	Anatomy of octupole correlations in 96Zr with a symmetry-restored multidimensionally-constrained covariant density functional theory	Rong, Yu-Ting; Wu, Xian-Ye; Lu, Bing-Nan; Yao, Jiang-Ming	PHYSICS LETTERS B	2023	840		137896	<a href="http://dx.doi.org/10.1016/j.physletb.2023.137896">http://dx.doi.org/10.1016/j.physletb.2023.137896</a>
17	Anomalous enhancement of charge density wave in kagome superconductor CsV3Sb5 approaching the 2D limit	Song, Boqin; Ying, Tianping; Wu, Xianxin; Xia, Wei; Yin, Qiangwei; Zhang, Qinghua; Song, Yanpeng; Yang, Xiaofan; Guo, Jiangang; Gu, Lin; Chen, Xiaolong; Hu, Jiangping; Schnyder, Andreas P.; Lei, Hechang; Guo, Yanfeng; Li, Shiyao	NATURE COMMUNICATIONS	2023	14	1	2492	<a href="http://dx.doi.org/10.1038/s41467-023-38257-3">http://dx.doi.org/10.1038/s41467-023-38257-3</a>
18	Artificial intelligence model for gravitational wave search based on the waveform envelope	Ma, Cunliang; Wang, Wei; Wang, He; Cao, Zhoujian	PHYSICAL REVIEW D	2023	107	6	63029	<a href="http://dx.doi.org/10.1103/PhysRevD.107.063029">http://dx.doi.org/10.1103/PhysRevD.107.063029</a>
19	Aspects of higher-point functions in BCFTd	Chen, Junding; Zhou, Xinan	JOURNAL OF HIGH ENERGY PHYSICS	2023		9	204	<a href="http://dx.doi.org/10.1007/JHEP09(2023)204">http://dx.doi.org/10.1007/JHEP09(2023)204</a>
20	Asymmetric di-Higgs signals of the next-to-minimal 2HDM with a U(1) symmetry	Banik, Sumit; Crivellin, Andreas; Iguro, Syuhei; Kitahara, Teppei	PHYSICAL REVIEW D	2023	108	7	75011	<a href="http://dx.doi.org/10.1103/PhysRevD.108.075011">http://dx.doi.org/10.1103/PhysRevD.108.075011</a>
21	Automated ring-diagram framework for classifying CP invariants	Darvishi, Neda; Wang, Yining; Yu, Jiang-Hao	PHYSICAL REVIEW D	2023	108	11	115030	<a href="http://dx.doi.org/10.1103/PhysRevD.108.115030">http://dx.doi.org/10.1103/PhysRevD.108.115030</a>
22	Axion-meson mixing in light of recent lattice $\eta$ - $\eta'$ simulations and their two-photon couplings within U(3) chiral theory	Gao, Rui; Guo, Zhi-Hui; Oller, J. A.; Zhou, Hai-Qing	JOURNAL OF HIGH ENERGY PHYSICS	2023		4	22	<a href="http://dx.doi.org/10.1007/JHEP04(2023)022">http://dx.doi.org/10.1007/JHEP04(2023)022</a>
23	Azimuthal asymmetry in cosmic-ray boosted dark matter flux	Xia, Chen; Xu, Yan-Hao; Zhou, Yu-Feng	PHYSICAL REVIEW D	2023	107	5	55012	<a href="http://dx.doi.org/10.1103/PhysRevD.107.055012">http://dx.doi.org/10.1103/PhysRevD.107.055012</a>
24	Baby skyrmion in two-component holographic superfluids	Yao, Shunhui; Tian, Yu; Yang, Peng; Zhang, Hongbao	JOURNAL OF HIGH ENERGY PHYSICS	2023		8	55	<a href="http://dx.doi.org/10.1007/JHEP08(2023)055">http://dx.doi.org/10.1007/JHEP08(2023)055</a>
25	Binary dynamics from worldline QFT for scalar QED	Wang, Tianheng	PHYSICAL REVIEW D	2023	107	8	85011	<a href="http://dx.doi.org/10.1103/PhysRevD.107.085011">http://dx.doi.org/10.1103/PhysRevD.107.085011</a>
26	Binary geometries, generalized particles and strings, and cluster algebras	Arkani-Hamed, Nima; He, Song; Lam, Thomas; Thomas, Hugh	PHYSICAL REVIEW D	2023	107	6	66015	<a href="http://dx.doi.org/10.1103/PhysRevD.107.066015">http://dx.doi.org/10.1103/PhysRevD.107.066015</a>
27	Bootstrapping Elliptic Feynman Integrals Using Schubert Analysis	Morales, Roger; Spiering, Anne; Wilhelm, Matthias; Yang, Qinglin; Zhang, Chi	PHYSICAL REVIEW LETTERS	2023	131	4	41601	<a href="http://dx.doi.org/10.1103/PhysRevLett.131.041601">http://dx.doi.org/10.1103/PhysRevLett.131.041601</a>
28	Breaking rotations without violating the KSS viscosity bound	Baggioli, Matteo; Cremonini, Sera; Early, Laura; Li, Li; Sun, Hao-Tian	JOURNAL OF HIGH ENERGY PHYSICS	2023		7	16	<a href="http://dx.doi.org/10.1007/JHEP07(2023)016">http://dx.doi.org/10.1007/JHEP07(2023)016</a>
29	Bubble expansion at strong coupling	Li, Li; Wang, Shao-Jiang; Yuwen, Zi-Yan	PHYSICAL REVIEW D	2023	108	9	96033	<a href="http://dx.doi.org/10.1103/PhysRevD.108.096033">http://dx.doi.org/10.1103/PhysRevD.108.096033</a>
30	Calculation of mass and width of unstable molecular state using the developed Bethe-Salpeter theory	Chen, Xiaozhao; Lue, Xiaofu; Guo, Xiurong; Shi, Zonghua; Wang, Qingbiao	PHYSICAL REVIEW D	2023	108	11	114005	<a href="http://dx.doi.org/10.1103/PhysRevD.108.114005">http://dx.doi.org/10.1103/PhysRevD.108.114005</a>
31	Can the two-pole structure of the $D_0^*$ (2300) be understood from recent lattice data?	Asokan, Anuvind; Tang, Meng-Na; Guo, Feng-Kun; Hanhart, Christoph; Kamiya, Yuki; Meissner, Ulf-G.	EUROPEAN PHYSICAL JOURNAL C	2023	83	9	850	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11953-6">http://dx.doi.org/10.1140/epjc/s10052-023-11953-6</a>
32	Chasing the two-Higgs doublet model in the di-Higgs boson production	Iguro, Syuhei; Kitahara, Teppei; Omura, Yuji; Zhang, Hantian	PHYSICAL REVIEW D	2023	107	7	75017	<a href="http://dx.doi.org/10.1103/PhysRevD.107.075017">http://dx.doi.org/10.1103/PhysRevD.107.075017</a>

33	Chromopolarizabilities of fully heavy baryons	Dong, Xiang-Kun; Guo, Feng-Kun; Nefediev, Alexey; Castella, Jaume Tarrus	PHYSICAL REVIEW D	2023	107	3	34020	<a href="http://dx.doi.org/10.1103/PhysRevD.107.034020">http://dx.doi.org/10.1103/PhysRevD.107.034020</a>
34	Cobalt-Dimer Nitrides: A Potential Novel Family of High-Temperature Superconductors (vol 39, 097401, 2022)	Gu, Yuhao; Jiang, Kun; Wu, Xianxin; Hu, Jiangping	CHINESE PHYSICS LETTERS	2023	40	5	59901	<a href="http://dx.doi.org/10.1088/0256-307X/40/5/059901">http://dx.doi.org/10.1088/0256-307X/40/5/059901</a>
35	Collapse of the N=28 shell closure in the newly discovered $^{39}\text{Na}$ nucleus and the development of deformed halos towards the neutron dripline	Zhang, K. Y.; Papakonstantinou, P.; Mun, M. -H.; Kim, Y.; Yan, H.; Sun, X. -X.	PHYSICAL REVIEW C	2023	107	4	L041303	<a href="http://dx.doi.org/10.1103/PhysRevC.107.L041303">http://dx.doi.org/10.1103/PhysRevC.107.L041303</a>
36	Collider constraints on electroweakinos in the presence of a light gravitino	Ananyev, Viktor; Balazs, Csaba; Beniwal, Ankit; Braseth, Lasse Lorentz; Buckley, Andy; Butterworth, Jonathan; Chang, Christopher; Danninger, Matthias; Fowlie, Andrew; Gonzalo, Tomas E.; Kvellestad, Anders; Mahmoudi, Farvah; Martinez, Gregory D.; Prim, Markus T.; Procter, Tomasz; Raklev, Are; Scott, Pat; Stoecker, Patrick; Van den Abeele, Jeriek; White, Martin; Zhang, Yang	EUROPEAN PHYSICAL JOURNAL C	2023	83	6	493	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11574-z">http://dx.doi.org/10.1140/epjc/s10052-023-11574-z</a>
37	Complete NLO operators in the Higgs effective field theory	Sun, Hao; Xiao, Ming-Lei; Yu, Jiang-Hao	JOURNAL OF HIGH ENERGY PHYSICS	2023		5	43	<a href="http://dx.doi.org/10.1007/JHEP05(2023)043">http://dx.doi.org/10.1007/JHEP05(2023)043</a>
38	Complete NNLO operator bases in Higgs effective field theory	Sun, Hao; Xiao, Ming-Lei; Yu, Jiang-Hao	JOURNAL OF HIGH ENERGY PHYSICS	2023		4	86	<a href="http://dx.doi.org/10.1007/JHEP04(2023)086">http://dx.doi.org/10.1007/JHEP04(2023)086</a>
39	Confronting sound speed resonance with pulsar timing arrays	Jin, Jia-Heng; Chen, Zu-Cheng; Yi, Zhu; You, Zhi-Qiang; Liu, Lang; Wu, You	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		9	16	<a href="http://dx.doi.org/10.1088/1475-7516/2023/09/016">http://dx.doi.org/10.1088/1475-7516/2023/09/016</a>
40	Confusion noise from Galactic binaries for Taiji	Liu, Chang; Ruan, Wen-Hong; Guo, Zong-Kuan	PHYSICAL REVIEW D	2023	107	6	64021	<a href="http://dx.doi.org/10.1103/PhysRevD.107.064021">http://dx.doi.org/10.1103/PhysRevD.107.064021</a>
41	Conservative Binary Dynamics with a Spinning Black Hole at $\mathcal{O}(G^3)$ from Scattering Amplitudes	Cordero, Fernando Febres; Kraus, Manfred; Lin, Guanda; Ruf, Michael S.; Zeng, Mao	PHYSICAL REVIEW LETTERS	2023	130	2	21601	<a href="http://dx.doi.org/10.1103/PhysRevLett.130.021601">http://dx.doi.org/10.1103/PhysRevLett.130.021601</a>
42	Constrain the time variation of the gravitational constant via the propagation of gravitational waves	Sun, Bing; An, Jiachen; Cao, Zhoujian	PHYSICS LETTERS B	2024	848		138350	<a href="http://dx.doi.org/10.1016/j.physletb.2023.138350">http://dx.doi.org/10.1016/j.physletb.2023.138350</a>
43	Constraining First-Order Phase Transitions with Curvature Perturbations	Liu, Jing; Bian, Ligong; Cai, Rong-Gen; Guo, Zong-Kuan; Wang, Shao-Jiang	PHYSICAL REVIEW LETTERS	2023	130	5	51001	<a href="http://dx.doi.org/10.1103/PhysRevLett.130.051001">http://dx.doi.org/10.1103/PhysRevLett.130.051001</a>
44	Constraining the gravitational-wave spectrum from cosmological first-order phase transitions using data from LIGO-Virgo first three observing runs	Jiang, Yang; Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		6	53	<a href="http://dx.doi.org/10.1088/1475-7516/2023/06/053">http://dx.doi.org/10.1088/1475-7516/2023/06/053</a>
45	Constraints on primordial-black-hole population and cosmic expansion history from GWTC-3	Chen, Zu-Cheng; Du, Shen-Shi; Huang, Qing-Guo; You, Zhi-Qiang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		3	24	<a href="http://dx.doi.org/10.1088/1475-7516/2023/03/024">http://dx.doi.org/10.1088/1475-7516/2023/03/024</a>
46	Constraints on ultraslow-roll inflation from the third LIGO-Virgo observing run	Mu, Bo; Cheng, Gong; Liu, Jing; Guo, Zong-Kuan	PHYSICAL REVIEW D	2023	107	4	43528	<a href="http://dx.doi.org/10.1103/PhysRevD.107.043528">http://dx.doi.org/10.1103/PhysRevD.107.043528</a>
47	Constructing on-shell operator basis for all masses and spins	Dong, Zi-Yu; Ma, Teng; Shu, Jing	PHYSICAL REVIEW D	2023	107	11	L111901	<a href="http://dx.doi.org/10.1103/PhysRevD.107.L111901">http://dx.doi.org/10.1103/PhysRevD.107.L111901</a>

48	Constructing the general partial wave and renormalization in effective field theory	Shu, Jing; Xiao, Ming-Lei; Zheng, Yu-Hui	PHYSICAL REVIEW D	2023	107	9	95040	<a href="http://dx.doi.org/10.1103/PhysRevD.107.095040">http://dx.doi.org/10.1103/PhysRevD.107.095040</a>
49	Contributions to the muon $g-2$ from a three-form field	Huang, Da; Tang, Yong; Wu, Yue-Liang	JOURNAL OF HIGH ENERGY PHYSICS	2023		1	117	<a href="http://dx.doi.org/10.1007/JHEP01(2023)117">http://dx.doi.org/10.1007/JHEP01(2023)117</a>
50	Cosmology with the Laser Interferometer Space Antenna	Auclair, Pierre; Bacon, David; Baker, Tessa; Barreiro, Tiago; etc.	LIVING REVIEWS IN RELATIVITY	2023	26	1	5	<a href="http://dx.doi.org/10.1007/s41114-023-00045-2">http://dx.doi.org/10.1007/s41114-023-00045-2</a>
51	Covariant color-kinematics duality, Hopf algebras, and permutohedra	Cao, Qu; Dong, Jin; He, Song; Zhang, Yao-Qi	PHYSICAL REVIEW D	2023	107	2	26022	<a href="http://dx.doi.org/10.1103/PhysRevD.107.026022">http://dx.doi.org/10.1103/PhysRevD.107.026022</a>
52	Covariant orbital-spin scheme for any spin based on irreducible tensor	Jing, Hao-Jie; Ben, Di; Wu, Shu-Ming; Wu, Jia-Jun; Zou, Bing-Song	JOURNAL OF HIGH ENERGY PHYSICS	2023		6	39	<a href="http://dx.doi.org/10.1007/JHEP06(2023)039">http://dx.doi.org/10.1007/JHEP06(2023)039</a>
53	CP asymmetries in B meson two-body baryonic decays	Geng, Chao-Qiang; Jin, Xiang-Nan; Liu, Chia-Wei	PHYSICS LETTERS B	2023	846		138240	<a href="http://dx.doi.org/10.1016/j.physletb.2023.138240">http://dx.doi.org/10.1016/j.physletb.2023.138240</a>
54	Critical dynamics in holographic first-order phase transition	Chen, Qian; Liu, Yuxuan; Tian, Yu; Wang, Bin; Zhang, Cheng-Yong; Zhang, Hongbao	JOURNAL OF HIGH ENERGY PHYSICS	2023		1	56	<a href="http://dx.doi.org/10.1007/JHEP01(2023)056">http://dx.doi.org/10.1007/JHEP01(2023)056</a>
55	Critical scalarization and descalarization of black holes in a generalized scalar-tensor theory	Liu, Yunqi; Zhang, Cheng-Yong; Chen, Qian; Cao, Zhoujian; Tian, Yu; Wang, Bin	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2023	66	10	100412	<a href="http://dx.doi.org/10.1007/s11433-023-2160-1">http://dx.doi.org/10.1007/s11433-023-2160-1</a>
56	Current status of the muon $g-2$ interpretations within two-Higgs-doublet models	Takeuchi, Michihisa; Iguro, Syuhei; Kitahara, Tepei; Lang, Martin S.	PHYSICAL REVIEW D	2023	108	11	115012	<a href="http://dx.doi.org/10.1103/PhysRevD.108.115012">http://dx.doi.org/10.1103/PhysRevD.108.115012</a>
57	Custodial symmetry violation in scalar extensions of the standard model	Song, Huayang; Wan, Xia; Yu, Jiang-Hao	CHINESE PHYSICS C	2023	47	10	103103	<a href="http://dx.doi.org/10.1088/1674-1137/ace5a6">http://dx.doi.org/10.1088/1674-1137/ace5a6</a>
58	Cutting the traintracks: Cauchy, Schubert and Calabi-Yau	Cao, Qu; He, Song; Tang, Yichao	JOURNAL OF HIGH ENERGY PHYSICS	2023		4	72	<a href="http://dx.doi.org/10.1007/JHEP04(2023)072">http://dx.doi.org/10.1007/JHEP04(2023)072</a>
59	Dark Energy Cosmology with Spinor Field	Sun, Zu-Yao; Shen, You-Gen	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2023	62	SUPPL 1	S1	<a href="http://dx.doi.org/10.1007/s10773-006-9128-x">http://dx.doi.org/10.1007/s10773-006-9128-x</a>
60	Dark matter from higher-dimensional primordial black holes	Friedlander, Avi; Song, Ningqiang; Vincent, Aaron C.	PHYSICAL REVIEW D	2023	108	4	43523	<a href="http://dx.doi.org/10.1103/PhysRevD.108.043523">http://dx.doi.org/10.1103/PhysRevD.108.043523</a>
61	Descalarization by quenching charged hairy black hole in asymptotically AdS spacetime	Chen, Qian; Ning, Zhuan; Tian, Yu; Wang, Bin; Zhang, Cheng-Yong	JOURNAL OF HIGH ENERGY PHYSICS	2023		1	62	<a href="http://dx.doi.org/10.1007/JHEP01(2023)062">http://dx.doi.org/10.1007/JHEP01(2023)062</a>
62	Development of Bethe-Salpeter theory for dealing with unstable system	Chen, Xiaozhao; Lu, Xiaofu	EUROPEAN PHYSICAL JOURNAL C	2023	83	6	499	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11682-w">http://dx.doi.org/10.1140/epjc/s10052-023-11682-w</a>
63	Differentiable programming tensor networks for Kitaev magnets	Zhang, Xing -Yu; Liang, Shuang; Liao, Hai-Jun; Li, Wei; Wang, Lei	PHYSICAL REVIEW B	2023	108	8	85103	<a href="http://dx.doi.org/10.1103/PhysRevB.108.085103">http://dx.doi.org/10.1103/PhysRevB.108.085103</a>
64	Dilution of dark matter relic density in singlet extension models	Xiao, Yang; Yang, Jin Min; Zhang, Yang	JOURNAL OF HIGH ENERGY PHYSICS	2023		2	8	<a href="http://dx.doi.org/10.1007/JHEP02(2023)008">http://dx.doi.org/10.1007/JHEP02(2023)008</a>

65	Dirac-fermion-assisted interfacial superconductivity in epitaxial topological-insulator/iron-chalcogenide heterostructures	Yi, Hemian; Hu, Lun-Hui; Zhao, Yi-Fan; Zhou, Ling-Jie; Yan, Zi-Jie; Zhang, Ruoxi; Yuan, Wei; Wang, Zihao; Wang, Ke; Hickey, Danielle Reifsnnyder; Richardella, Anthony R.; Singleton, John; Winter, Laurel E.; Wu, Xianxin; Chan, Moses H. W.; Samarth, Nitin; Liu, Chao-Xing; Chang, Cu-Zu	NATURE COMMUNICATIONS	2023	14	1	7119	<a href="http://dx.doi.org/10.1038/s41467-023-42902-2">http://dx.doi.org/10.1038/s41467-023-42902-2</a>
66	Direct detection of cosmic ray-boosted puffy dark matter	Wang, Wenyu; Xu, Wu-Long; Yang, Jin Min; Zhu, Rui	NUCLEAR PHYSICS B	2023	995		116348	<a href="http://dx.doi.org/10.1016/j.nuclphysb.2023.116348">http://dx.doi.org/10.1016/j.nuclphysb.2023.116348</a>
67	Direct detection of finite-size dark matter via electron recoil	Wang, Wenyu; Xu, Wu-Long; Yang, Jin Min	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2023	38	26N27	2350144	<a href="http://dx.doi.org/10.1142/S0217751X23501440">http://dx.doi.org/10.1142/S0217751X23501440</a>
68	Distance between various discretized fermion actions	Zhao, Dian-Jun; Wang, Gen; He, Fangcheng; Jin, Luchang; Sun, Peng; Yang, Yi-Bo; Zhang, Kuan	PHYSICAL REVIEW D	2023	107	9	L091501	<a href="http://dx.doi.org/10.1103/PhysRevD.107.L091501">http://dx.doi.org/10.1103/PhysRevD.107.L091501</a>
69	Diurnal modulation of electron recoils from DM-nucleon scattering through the Migdal effect	Qiao, Mai; Xia, Chen; Zhou, Yu-Feng	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		11	79	<a href="http://dx.doi.org/10.1088/1475-7516/2023/11/079">http://dx.doi.org/10.1088/1475-7516/2023/11/079</a>
70	Does the fraction of dark matter diminish with early dark energy?	Wang, Hao; Piao, Yun-Song	PHYSICAL REVIEW D	2023	108	8	83516	<a href="http://dx.doi.org/10.1103/PhysRevD.108.083516">http://dx.doi.org/10.1103/PhysRevD.108.083516</a>
71	Dressed vs. pairwise states, and the geometric phase of monopoles and charges	Csaki, Csaba; Dong, Zi-Yu; Telem, Ofri; Terning, John; Yankielowicz, Shimon	JOURNAL OF HIGH ENERGY PHYSICS	2023		2	211	<a href="http://dx.doi.org/10.1007/JHEP02(2023)211">http://dx.doi.org/10.1007/JHEP02(2023)211</a>
72	Dynamic Gardner crossover in a simple glass	Liao, Qiny; Berthier, Ludovic; Zhou, Hai-Jun; Xu, Ning	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2023	120	26	e2218218120	<a href="http://dx.doi.org/10.1073/pnas.2218218120">http://dx.doi.org/10.1073/pnas.2218218120</a>
73	Earth shielding and daily modulation from electrophilic boosted dark particles	Chen, Yifan; Fornal, Bartosz; Sandick, Pearl; Shu, Jing; Xue, Xiao; Zhao, Yue; Zong, Junchao	PHYSICAL REVIEW D	2023	107	3	33006	<a href="http://dx.doi.org/10.1103/PhysRevD.107.033006">http://dx.doi.org/10.1103/PhysRevD.107.033006</a>
74	EasyScan_HEP: A tool for connecting programs to scan the parameter space of physics models	Shang, Liangliang; Zhang, Yang	COMPUTER PHYSICS COMMUNICATIONS	2024	296		109027	<a href="http://dx.doi.org/10.1016/j.cpc.2023.109027">http://dx.doi.org/10.1016/j.cpc.2023.109027</a>
75	Editorial	Huang, Qing-Guo	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2023	66	12	120401	<a href="http://dx.doi.org/10.1007/s11433-023-2274-5">http://dx.doi.org/10.1007/s11433-023-2274-5</a>
76	Effect of fluid viscoelasticity, shear stress, and interface tension on the lift force in lubricated contacts	Hu, Shiyuan; Meng, Fanlong; Doi, Masao	JOURNAL OF CHEMICAL PHYSICS	2023	159	16	164106	<a href="http://dx.doi.org/10.1063/5.0173142">http://dx.doi.org/10.1063/5.0173142</a>
77	Effective Potential and Superfluidity of Microwave-Shielded Polar Molecules	Deng, Fulin; Chen, Xing-Yan; Luo, Xin-Yu; Zhang, Wenxian; Yi, Su; Shi, Tao	PHYSICAL REVIEW LETTERS	2023	130	18	183001	<a href="http://dx.doi.org/10.1103/PhysRevLett.130.183001">http://dx.doi.org/10.1103/PhysRevLett.130.183001</a>
78	Effects of N(2080)3/2- and N(2270)3/2-molecules on K E photoproduction	Ben, Di; Wang, Ai-Chao; Huang, Fei; Zou, Bing-Song	PHYSICAL REVIEW C	2023	108	6	65201	<a href="http://dx.doi.org/10.1103/PhysRevC.108.065201">http://dx.doi.org/10.1103/PhysRevC.108.065201</a>

79	Electronic landscape of kagome superconductors AV <sub>3</sub> Sb <sub>5</sub> (A = K, Rb, Cs) from angle-resolved photoemission spectroscopy	Hu, Yong; Wu, Xianxin; Schnyder, Andreas P.; Shi, Ming	NPJ QUANTUM MATERIALS	2023	8	1		<a href="http://dx.doi.org/10.1038/s41535-023-00599-y">http://dx.doi.org/10.1038/s41535-023-00599-y</a>
80	Emergent Mott insulators at noninteger fillings and devil's staircase induced by attractive interaction in many-body polarons	Zeng, Jian-Hua; Yi, Su; He, Liang	PHYSICAL REVIEW A	2023	107	6	63309	<a href="http://dx.doi.org/10.1103/PhysRevA.107.063309">http://dx.doi.org/10.1103/PhysRevA.107.063309</a>
81	Emergent unitarity, all-loop cuts and integrations from the ABJM amplituhedron	He, Song; Kuo, Chia-Kai; Li, Zhenjie; Zhang, Yao-Qi	JOURNAL OF HIGH ENERGY PHYSICS	2023		7	212	<a href="http://dx.doi.org/10.1007/JHEP07(2023)212">http://dx.doi.org/10.1007/JHEP07(2023)212</a>
82	Enhanced cosmic-ray antihelium production from dark matter annihilation through light mediators	Ding, Yu-Chen; Li, Nan; Zhou, Yu-Feng	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		3		<a href="http://dx.doi.org/10.1088/1475-7516/2023/03/051">http://dx.doi.org/10.1088/1475-7516/2023/03/051</a>
83	Enhanced nematicity emerging from higher-order Van Hove singularities	Han, Xinlong; Schnyder, Andreas P.; Wu, Xianxin	PHYSICAL REVIEW B	2023	107	18	184504	<a href="http://dx.doi.org/10.1103/PhysRevB.107.184504">http://dx.doi.org/10.1103/PhysRevB.107.184504</a>
84	EPRIM: An approach of identifying cancer immune-related epigenetic regulators	Shi, Aiai; Lin, Chaohuan; Wang, Jilu; Chen, Ying'ao; Zhong, Jinjin; Lyu, Jie	MOLECULAR THERAPY NUCLEIC ACIDS	2024	35	1	102100	<a href="http://dx.doi.org/10.1016/j.omtn.2023.102100">http://dx.doi.org/10.1016/j.omtn.2023.102100</a>
85	Equation of state and Joule-Thompson expansion for the FRW universe in the brane world scenario	Kong, Shi-Bei; Abdusattar, Haximjan; Zhang, Hongsheng; Hu, Ya-Peng	NUCLEAR PHYSICS B	2023	987		116091	<a href="http://dx.doi.org/10.1016/j.nuclphysb.2023.116091">http://dx.doi.org/10.1016/j.nuclphysb.2023.116091</a>
86	Estimation of far-field wavefront error of tilt-to-length distortion coupling in space-based gravitational wave detection	Tao, Ya-Zheng; Jin, Hong-Bo; Wu, Yue-Liang	CHINESE PHYSICS B	2023	32	2	24212	<a href="http://dx.doi.org/10.1088/1674-1056/aca9c5">http://dx.doi.org/10.1088/1674-1056/aca9c5</a>
87	Examination of promising reactions with <sup>241</sup> Am and <sup>244</sup> Cm targets for the synthesis of new superheavy elements within the dinuclear system model with a dynamical potential energy surface	Deng, Xiang-Quan; Zhou, Shan-Gui	PHYSICAL REVIEW C	2023	107	1	14616	<a href="http://dx.doi.org/10.1103/PhysRevC.107.014616">http://dx.doi.org/10.1103/PhysRevC.107.014616</a>
88	Explanations of the tentative new physics anomalies and dark matter in the Simple Extension of the Standard Model (SESM)	Li, Tianjun; Pei, Junle; Yin, Xiangwei; Zhu, Bin	NUCLEAR PHYSICS B	2024	998		116430	<a href="http://dx.doi.org/10.1016/j.nuclphysb.2023.116430">http://dx.doi.org/10.1016/j.nuclphysb.2023.116430</a>
89	Exploring HVV amplitudes with CP violation using decomposition and the on-shell scattering amplitude method	Feng, Ke-Yao; Wan, Xia; Wang, You-Kai; Wu, Chao	CHINESE PHYSICS C	2023	47	3	33106	<a href="http://dx.doi.org/10.1088/1674-1137/aca8f5">http://dx.doi.org/10.1088/1674-1137/aca8f5</a>
90	Exploring the nature of black hole and gravity with an imminent merging binary of supermassive black holes	Zhong, Xingyu; Han, Wen-Biao; Luo, Ziren; Wu, Yueliang	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2023	66	3	230411	<a href="http://dx.doi.org/10.1007/s11433-022-2028-7">http://dx.doi.org/10.1007/s11433-022-2028-7</a>
91	Extending Gibbons-Werner method to bound orbits of massive particles	Huang, Yang; Sun, Bing; Cao, Zhoujian	PHYSICAL REVIEW D	2023	107	10	104046	<a href="http://dx.doi.org/10.1103/PhysRevD.107.104046">http://dx.doi.org/10.1103/PhysRevD.107.104046</a>
92	Extracting the hadron-quark phase transition chemical potential via astronomical observations	Bai, Zhan; Liu, Yu-xin	PHYSICAL REVIEW D	2023	108	1	14018	<a href="http://dx.doi.org/10.1103/PhysRevD.108.014018">http://dx.doi.org/10.1103/PhysRevD.108.014018</a>
93	Field-induced time modulation and bunching effects in photodetachment microscopy	Yang, B. C.; Du, M. L.	PHYSICAL REVIEW A	2023	108	2	23119	<a href="http://dx.doi.org/10.1103/PhysRevA.108.023119">http://dx.doi.org/10.1103/PhysRevA.108.023119</a>

94	First machine learning gravitational-wave search mock data challenge	Schaefer, Marlin B.; Zelenka, Ondrej; Nitz, Alexander H.; Wang, He; Wu, Shichao; Guo, Zong-Kuan; Cao, Zhoujian; Ren, Zhixiang; Nousi, Paraskevi; Stergioulas, Nikolaos; Iosif, Panagiotis; Koloniari, Alexandra E.; Tefas, Anastasios; Passalis, Nikolaos; Salemi, Francesco; Vedovato, Gabriele; Klimentenko, Sergey; Mishra, Tanmaya; Bruegmann, Bernd; Cuoco, Elena; Huerta, E. A.; Messenger, Chris; Ohme, Frank	PHYSICAL REVIEW D	2023	107	2	23021	<a href="http://dx.doi.org/10.1103/PhysRevD.107.023021">http://dx.doi.org/10.1103/PhysRevD.107.023021</a>
95	Fractional Quantum Zeno Effect Emerging from Non-Hermitian Physics	Sun, Yue; Shi, Tao; Liu, Zhiyong; Zhang, Zhidong; Xiao, Liantuan; Jia, Suotang; Hu, Ying	PHYSICAL REVIEW X	2023	13	3	31009	<a href="http://dx.doi.org/10.1103/PhysRevX.13.031009">http://dx.doi.org/10.1103/PhysRevX.13.031009</a>
96	Free Energy, Stability, and Particle Source in Dynamical Holography	Tian, Yu; Wu, Xiao-Ning; Zhang, Hongbao	CHINESE PHYSICS LETTERS	2023	40	10	100402	<a href="http://dx.doi.org/10.1088/0256-307X/40/10/100402">http://dx.doi.org/10.1088/0256-307X/40/10/100402</a>
97	Full analysis of the scalar-induced gravitational waves for the curvature perturbation with local-type non-Gaussianities	Yuan, Chen; Meng, De-Shuang; Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		12	36	<a href="http://dx.doi.org/10.1088/1475-7516/2023/12/036">http://dx.doi.org/10.1088/1475-7516/2023/12/036</a>
98	Gaugino Masses from Misaligned Supersymmetry Breaking and R-Symmetry Breaking Spurions	Fu, Yunhao; Li, Tianjun; Ran, Longjie; Sun, Zheng	SYMMETRY-BASEL	2023	15	3	566	<a href="http://dx.doi.org/10.3390/sym15030566">http://dx.doi.org/10.3390/sym15030566</a>
99	Generalized iterative formula for Bell inequalities	Fan, Xing-Yan; Xu, Zhen-Peng; Miao, Jia-Le; Liu, Hong-Ye; Liu, Yi-Jia; Shang, Wei-Min; Zhou, Jie; Meng, Hui-Xian; Guehne, Otfried; Chen, Jing-Ling	PHYSICAL REVIEW A	2023	108	6	62404	<a href="http://dx.doi.org/10.1103/PhysRevA.108.062404">http://dx.doi.org/10.1103/PhysRevA.108.062404</a>
100	Global fit of modified quark couplings to EW gauge bosons and vector-like quarks in light of the Cabibbo angle anomaly	Crivellin, Andreas; Kirk, Matthew; Kitahara, Tepei; Mescia, Federico	JOURNAL OF HIGH ENERGY PHYSICS	2023		3	234	<a href="http://dx.doi.org/10.1007/JHEP03(2023)234">http://dx.doi.org/10.1007/JHEP03(2023)234</a>
101	Glueballs at physical pion mass	Chen, Feiyu; Jiang, Xiangyu; Chen, Ying; Liu, Keh-Fei; Sun, Wei; Yang, Yi-Bo	CHINESE PHYSICS C	2023	47	6	63108	<a href="http://dx.doi.org/10.1088/1674-1137/accc1c">http://dx.doi.org/10.1088/1674-1137/accc1c</a>
102	Gluonic evanescent operators: two-loop anomalous dimensions	Jin, Qingjun; Ren, Ke; Yang, Gang; Yu, Rui	JOURNAL OF HIGH ENERGY PHYSICS	2023		2	39	<a href="http://dx.doi.org/10.1007/JHEP02(2023)039">http://dx.doi.org/10.1007/JHEP02(2023)039</a>
103	Gravidynamics, spinodynamics and electrostatics within the framework of gravitational quantum field theory	Wu, Yue-Liang	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2023	66	6	260411	<a href="http://dx.doi.org/10.1007/s11433-022-2052-6">http://dx.doi.org/10.1007/s11433-022-2052-6</a>
104	Gravitational microlensing by dressed primordial black holes	Cai, Rong-Gen; Chen, Tan; Wang, Shao-Jiang; Yang, Xing-Yu	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		3	43	<a href="http://dx.doi.org/10.1088/1475-7516/2023/03/043">http://dx.doi.org/10.1088/1475-7516/2023/03/043</a>
105	Ground state and fission properties of even-A uranium isotopes from multidimensionally-constrained relativistic mean field model	Deng, Xiang-Quan; Zhou, Shan-Gui	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2023	32	10	2340004	<a href="http://dx.doi.org/10.1142/S0218301323400049">http://dx.doi.org/10.1142/S0218301323400049</a>
106	Ground states of all mesons and baryons in a quark model with hidden local symmetry	He, Bing-Ran; Harada, Masayasu; Zou, Bing-Song	EUROPEAN PHYSICAL JOURNAL C	2023	83	12	1159	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-12338-5">http://dx.doi.org/10.1140/epjc/s10052-023-12338-5</a>

107	Ground-state phase diagram of the extended two-leg t-J ladder	Lu, Xin; Qu, Dai-Wei; Qi, Yang; Li, Wei; Gong, Shou-Shu	PHYSICAL REVIEW B	2023	107	12	125114	<a href="http://dx.doi.org/10.1103/PhysRevB.107.125114">http://dx.doi.org/10.1103/PhysRevB.107.125114</a>
108	Ground-state phase diagram, symmetries, excitation spectra and finite-frequency scaling of the two-mode quantum Rabi model	Chen, Yue; Liu, Maoxin; Chen, Xiaosong	CHINESE PHYSICS B	2023	32	10	104213	<a href="http://dx.doi.org/10.1088/1674-1056/acea66">http://dx.doi.org/10.1088/1674-1056/acea66</a>
109	Hadronic decays of the heavy-quark-spin molecular partner of $T_{cc}$	Jia, Zhao-Sai; Yan, Mao-Jun; Zhang, Zhen-Hua; Shi, Pan-Pan; Li, Gang; Guo, Feng-Kun	PHYSICAL REVIEW D	2023	107	7	74029	<a href="http://dx.doi.org/10.1103/PhysRevD.107.074029">http://dx.doi.org/10.1103/PhysRevD.107.074029</a>
110	Hadron-quark phase transition in neutron star by combining the relativistic Brueckner-Hartree-Fock theory and Dyson-Schwinger equation approach	Qin, Pianpian; Bai, Zhan; Wang, Sibao; Wang, Chencan; Qin, Si-xue	PHYSICAL REVIEW D	2023	107	10	103009	<a href="http://dx.doi.org/10.1103/PhysRevD.107.103009">http://dx.doi.org/10.1103/PhysRevD.107.103009</a>
111	Heating Up Quadruply Quantized Vortices: Splitting Patterns and Dynamical Transitions	Lan, Shanquan; Li, Xin; Tian, Yu; Yang, Peng; Zhang, Hongbao	PHYSICAL REVIEW LETTERS	2023	131	22	221602	<a href="http://dx.doi.org/10.1103/PhysRevLett.131.221602">http://dx.doi.org/10.1103/PhysRevLett.131.221602</a>
112	Heavy- and light-flavor symmetry partners of the $T_{cc}^+$ (3875), the $X(3872)$ , and the $X(3960)$ from light-meson exchange saturation	Peng, Fang-Zheng; Yan, Mao-Jun; Valderrama, Manuel Pavon	PHYSICAL REVIEW D	2023	108	11	114001	<a href="http://dx.doi.org/10.1103/PhysRevD.108.114001">http://dx.doi.org/10.1103/PhysRevD.108.114001</a>
113	Heavy quark fragmentation function in two-dimensional QCD in $N_c \rightarrow \infty$ limit	Jia, Yu; Mo, Zhewen; Xiong, Xiaonu	EUROPEAN PHYSICAL JOURNAL C	2023	83	12	1169	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-12242-y">http://dx.doi.org/10.1140/epjc/s10052-023-12242-y</a>
114	Hidden charmonium decays of $\psi(nS)$ through charmed meson loops	Liu, Shidong; Cai, Zuxin; Zheng, Yuanxin; Li, Gang	EUROPEAN PHYSICAL JOURNAL C	2023	83	9	820	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-12012-w">http://dx.doi.org/10.1140/epjc/s10052-023-12012-w</a>
115	Hierarchical Cycle-Tree Packing Model for Optimal K-Core Attack	Zhou, Jianwen; Zhou, Hai-Jun	JOURNAL OF STATISTICAL PHYSICS	2023	190	12	200	<a href="http://dx.doi.org/10.1007/s10955-023-03210-7">http://dx.doi.org/10.1007/s10955-023-03210-7</a>
116	Hierarchical high-point Energy Flow Network for jet tagging	Shen, Wei; Wang, Daohan; Yang, Jin Min	JOURNAL OF HIGH ENERGY PHYSICS	2023		9	135	<a href="http://dx.doi.org/10.1007/JHEP09(2023)135">http://dx.doi.org/10.1007/JHEP09(2023)135</a>
117	High-field quantum spin liquid transitions and angle-field phase diagram of the Kitaev magnet $\alpha$ -RuCl <sub>3</sub>	Li, Han; Li, Wei; Su, Gang	PHYSICAL REVIEW B	2023	107	11	115124	<a href="http://dx.doi.org/10.1103/PhysRevB.107.115124">http://dx.doi.org/10.1103/PhysRevB.107.115124</a>
118	Holographic dissipation prefers the Landau over the Keldysh form	Yan, Yu-Kun; Lan, Shanquan; Tian, Yu; Yang, Peng; Yao, Shunhui; Zhang, Hongbao	PHYSICAL REVIEW D	2023	107	12	L121901	<a href="http://dx.doi.org/10.1103/PhysRevD.107.L121901">http://dx.doi.org/10.1103/PhysRevD.107.L121901</a>
119	Holographic Dissipative Spacetime Supersolids	Yang, Peng; Baggioli, Matteo; Cai, Zi; Tian, Yu; Zhang, Hongbao	PHYSICAL REVIEW LETTERS	2023	131	22	221601	<a href="http://dx.doi.org/10.1103/PhysRevLett.131.221601">http://dx.doi.org/10.1103/PhysRevLett.131.221601</a>
120	Holographic study of higher-order baryon number susceptibilities	Li, Zhibin; Liang, Jingmin; He, Song; Li, Li	PHYSICAL REVIEW D	2023	108	4	46008	<a href="http://dx.doi.org/10.1103/PhysRevD.108.046008">http://dx.doi.org/10.1103/PhysRevD.108.046008</a>
121	How arbitrary are perturbative calculations of the electroweak phase transition?	Athron, Peter; Balazs, Csaba; Fowlie, Andrew; Morris, Lachlan; White, Graham; Zhang, Yang	JOURNAL OF HIGH ENERGY PHYSICS	2023		1	50	<a href="http://dx.doi.org/10.1007/JHEP01(2023)050">http://dx.doi.org/10.1007/JHEP01(2023)050</a>
122	Hubble-constant crisis	Cai, Rong-Gen; Li, Li; Wang, Shao-Jiang	ACTA PHYSICA SINICA	2023	72	23	239801	<a href="http://dx.doi.org/10.7498/aps.72.20231270">http://dx.doi.org/10.7498/aps.72.20231270</a>
123	Hydrodynamic backreaction force of cosmological bubble expansion	Wang, Shao-Jiang; Yuwen, Zi-Yan	PHYSICAL REVIEW D	2023	107	2	23501	<a href="http://dx.doi.org/10.1103/PhysRevD.107.023501">http://dx.doi.org/10.1103/PhysRevD.107.023501</a>
124	Hydrodynamics-Induced Long-Range Attraction between Plates in Bacterial Suspensions	Ning, Luhui; Lou, Xin; Ma, Qili; Yang, Yaochen; Luo, Nan; Chen, Ke; Meng, Fanlong; Zhou, Xin; Yang, Mingcheng; Peng, Yi	PHYSICAL REVIEW LETTERS	2023	131	15	158301	<a href="http://dx.doi.org/10.1103/PhysRevLett.131.158301">http://dx.doi.org/10.1103/PhysRevLett.131.158301</a>
125	Hyperbolic Fringe Signal for Twin Impurity Quasiparticle Interference	Ding, Peize; Schwemmer, Tilman; Lee, Ching Hua; Wu, Xianxin; Thomale, Ronny	PHYSICAL REVIEW LETTERS	2023	130	25	256001	<a href="http://dx.doi.org/10.1103/PhysRevLett.130.256001">http://dx.doi.org/10.1103/PhysRevLett.130.256001</a>



126	Identifying s-wave pairing symmetry in single-layer FeSe from topologically trivial edge states	Wei, Zhongxu; Qin, Shengshan; Ding, Cui; Wu, Xianxin; Hu, Jiangping; Sun, Yu-Jie; Wang, Lili; Xue, Qi-Kun	NATURE COMMUNICATIONS	2023	14	1	5302	<a href="http://dx.doi.org/10.1038/s41467-023-40931-5">http://dx.doi.org/10.1038/s41467-023-40931-5</a>
127	Impact of $\Lambda_b \rightarrow \Lambda_{cb}$ measurement on new physics in $b \rightarrow c\bar{\nu}l\nu$ transitions	Fedele, Marco; Blanke, Monika; Crivellin, Andreas; Iguro, Syuhei; Kitahara, Teppei; Nierste, Ulrich; Watanabe, Ryoutaro	PHYSICAL REVIEW D	2023	107	5	55005	<a href="http://dx.doi.org/10.1103/PhysRevD.107.055005">http://dx.doi.org/10.1103/PhysRevD.107.055005</a>
128	Implication of the island rule for inflation and primordial perturbations	Piao, Yun-Song	PHYSICAL REVIEW D	2023	107	12	123509	<a href="http://dx.doi.org/10.1103/PhysRevD.107.123509">http://dx.doi.org/10.1103/PhysRevD.107.123509</a>
129	Implications for the supermassive black hole binaries from the NANOGrav 15-year data set	Bi, Yan-Chen; Wu, Yu-Mei; Chen, Zu-Cheng; Huang, Qing-Guo	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2023	66	12	120402	<a href="http://dx.doi.org/10.1007/s11433-023-2252-4">http://dx.doi.org/10.1007/s11433-023-2252-4</a>
130	Implications of nano-Hertz gravitational waves on electroweak phase transition in the singlet dark matter model	Xiao, Yang; Yang, Jin Min; Zhang, Yang	SCIENCE BULLETIN	2023	68	24	3158-3164	<a href="http://dx.doi.org/10.1016/j.scib.2023.11.025">http://dx.doi.org/10.1016/j.scib.2023.11.025</a>
131	Inflation in Weyl scaling invariant gravity with R3 extensions	Wang, Qing-Yang; Tang, Yong; Wu, Yue-Liang	PHYSICAL REVIEW D	2023	107	8	83511	<a href="http://dx.doi.org/10.1103/PhysRevD.107.083511">http://dx.doi.org/10.1103/PhysRevD.107.083511</a>
132	Influence of Anion Species on Liquid-Liquid Phase Separation in [EMIm+][X-]/Benzene Mixtures	Tang, Chenyu; Saielli, Giacomo; Wang, Yanting	JOURNAL OF PHYSICAL CHEMISTRY B	2023	127	49	10583-10591	<a href="http://dx.doi.org/10.1021/acs.jpcc.3c06205">http://dx.doi.org/10.1021/acs.jpcc.3c06205</a>
133	Inherent color symmetry in quantum Yang-Mills theory	Pak, Dmitriy G.; Cai, Rong-Gen; Tsukioka, Takuya; Zhang, Pengming; Zhou, Yu-Feng	PHYSICS LETTERS B	2023	839		137804	<a href="http://dx.doi.org/10.1016/j.physletb.2023.137804">http://dx.doi.org/10.1016/j.physletb.2023.137804</a>
134	Intrinsic sea content of the ground state decuplet baryons in the extended chiral constituent quark model	Xie, Jun-Xiu; Li, Jing-Feng; An, Chun-Sheng; Deng, Cheng-Rong; Li, Gang; Xie, Ju-Jun	PHYSICAL REVIEW C	2023	108	6	65204	<a href="http://dx.doi.org/10.1103/PhysRevC.108.065204">http://dx.doi.org/10.1103/PhysRevC.108.065204</a>
135	Investigating Higgs self-interaction through di-Higgs plus jet production at a 100 TeV hadron collider	Chai, Kangyu; Yu, Jiang-Hao; Zhang, Hao	PHYSICAL REVIEW D	2023	107	5	55031	<a href="http://dx.doi.org/10.1103/PhysRevD.107.055031">http://dx.doi.org/10.1103/PhysRevD.107.055031</a>
136	Is the observable Universe consistent with the cosmological principle?	Aluri, Pavan; Cea, Paolo; Chingangbam, Pravabati; Chu, Ming-Chung; Clowes, Roger G.; Hutsemekers, Damien; Kochappan, Joby P.; Lopez, Alexia M.; Liu, Lang; Martens, Niels C. M.; Martins, C. J. A. P.; Migkas, Konstantinos; Colgain, Eoin O.; Pranav, Pratyush; Shamir, Lior; Singal, Ashok K.; Sheikh-Jabbari, M. M.; Wagner, Jenny; Wang, Shao-Jiang; Wiltshire, David L.; Yeung, Shek; Yin, Lu; Zhao, Wen	CLASSICAL AND QUANTUM GRAVITY	2023	40	9	94001	<a href="http://dx.doi.org/10.1088/1361-6382/acbfec">http://dx.doi.org/10.1088/1361-6382/acbfec</a>
137	Isospin violating decays of vector charmonia	Geng, Chao-Qiang; Liu, Chia-Wei; Zhang, Jiabao	EUROPEAN PHYSICAL JOURNAL C	2023	83	10	973	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-12099-1">http://dx.doi.org/10.1140/epjc/s10052-023-12099-1</a>
138	Isospin-conserving hadronic decay of the $Ds_1(2460)$ into $Ds\pi\pi$	Tang, Meng-Na; Lin, Yong-Hui; Guo, Feng-Kun; Hanhart, Christoph; Meissner, Ulf-G.	COMMUNICATIONS IN THEORETICAL PHYSICS	2023	75	5	55203	<a href="http://dx.doi.org/10.1088/1572-9494/accc1f">http://dx.doi.org/10.1088/1572-9494/accc1f</a>
139	Isotope doping-induced crossover shift in the thermal conductivity of thin silicon nanowires	Zhou, Ziyue; Xu, Ke; Song, Zixuan; Wang, Zhen; Lin, Yanwen; Shi, Qiao; Hao, Yongchao; Fu, Yuequn; Zhang, Zhisen; Wu, Jianyang	JOURNAL OF PHYSICS-CONDENSED MATTER	2023	35	8	85702	<a href="http://dx.doi.org/10.1088/1361-648X/acab4a">http://dx.doi.org/10.1088/1361-648X/acab4a</a>
140	Kinematic Hopf algebra for amplitudes and form factors	Chen, Gang; Lin, Guanda; Wen, Congkao	PHYSICAL REVIEW D	2023	107	8	L081701	<a href="http://dx.doi.org/10.1103/PhysRevD.107.L081701">http://dx.doi.org/10.1103/PhysRevD.107.L081701</a>

141	Lattice calculation of the intrinsic soft function and the Collins-Soper kernel	Chu, Min-Huan; He, Jin-Chen; Hua, Jun; Liang, Jian; Ji, Xiangdong; Schaefer, Andreas; Shu, Hai-Tao; Su, Yushan; Walter, Lisa; Wang, Wei; Wang, Ji-Hao; Yang, Yi-Bo; Zeng, Jun; Zhang, Qi-An	JOURNAL OF HIGH ENERGY PHYSICS	2023		8		<a href="http://dx.doi.org/10.1007/JHEP08(2023)172">http://dx.doi.org/10.1007/JHEP08(2023)172</a>
142	Lepton number violating electron recoils in a U (1)B-L model with non-standard interactions	Lin, Yugen; Gao, Yu; Li, Tianjun	NUCLEAR PHYSICS B	2023	986		116040	<a href="http://dx.doi.org/10.1016/j.nuclphysb.2022.116040">http://dx.doi.org/10.1016/j.nuclphysb.2022.116040</a>
143	Light- and heavy-quark symmetries and the $Y(4230)$ , $Y(4360)$ , $Y(4500)$ , $Y(4620)$ , and $X(4630)$ resonances	Peng, Fang-Zheng; Yan, Mao-Jun; Sanchez, Mario Sanchez; Valderrama, Manuel Pavon	PHYSICAL REVIEW D	2023	107	1	16001	<a href="http://dx.doi.org/10.1103/PhysRevD.107.016001">http://dx.doi.org/10.1103/PhysRevD.107.016001</a>
144	Light Higgsino scenario confronted with the muon $g-2$	Zhao, Jun; Zhu, Jingya; Zhu, Pengxuan; Zhu, Rui	PHYSICAL REVIEW D	2023	107	5	55030	<a href="http://dx.doi.org/10.1103/PhysRevD.107.055030">http://dx.doi.org/10.1103/PhysRevD.107.055030</a>
145	Light Scalars at FASER	Kling, Felix; Li, Shuailong; Song, Huayang; Su, Shufang; Su, Wei	JOURNAL OF HIGH ENERGY PHYSICS	2023		8	1	<a href="http://dx.doi.org/10.1007/JHEP08(2023)001">http://dx.doi.org/10.1007/JHEP08(2023)001</a>
146	Listening for dark photon radio signals from the Galactic Center	Hardy, Edward; Song, Ningqiang	PHYSICAL REVIEW D	2023	107	11	115035	<a href="http://dx.doi.org/10.1103/PhysRevD.107.115035">http://dx.doi.org/10.1103/PhysRevD.107.115035</a>
147	Logarithmic Duality of the Curvature Perturbation	Pi, Shi; Sasaki, Misao	PHYSICAL REVIEW LETTERS	2023	131	1	11002	<a href="http://dx.doi.org/10.1103/PhysRevLett.131.011002">http://dx.doi.org/10.1103/PhysRevLett.131.011002</a>
148	Loop-current charge density wave driven by long-range Coulomb repulsion on the kagom? lattice	Dong, Jin-Wei; Wang, Ziqiang; Zhou, Sen	PHYSICAL REVIEW B	2023	107	4	45127	<a href="http://dx.doi.org/10.1103/PhysRevB.107.045127">http://dx.doi.org/10.1103/PhysRevB.107.045127</a>
149	Low-energy scatterings and pseudopotential of polarized quadrupoles	Deng, Fulin; Zhang, Wenxian; Yi, Su	NEW JOURNAL OF PHYSICS	2023	25	2	23004	<a href="http://dx.doi.org/10.1088/1367-2630/acb60a">http://dx.doi.org/10.1088/1367-2630/acb60a</a>
150	Macroscopic squeezing in quasi-one-dimensional two-component Bose gases	Tian, Yaoqi; Pan, Junqiao; Shi, Tao; Yi, Su	COMMUNICATIONS IN THEORETICAL PHYSICS	2023	75	12	125501	<a href="http://dx.doi.org/10.1088/1572-9494/ad04ce">http://dx.doi.org/10.1088/1572-9494/ad04ce</a>
151	Manipulated deformation of lipid bilayer vesicles in magnetic fields	Shu, Yao-Gen; Ou-Yang, Zhong-Can	LIQUID CRYSTALS	2023	50	7-10	1103-1110	<a href="http://dx.doi.org/10.1080/02678292.2022.2154866">http://dx.doi.org/10.1080/02678292.2022.2154866</a>
152	Measurement-Based Deterministic Imaginary Time Evolution	Mao, Yuping; Chaudhary, Manish; Kondappan, Manikandan; Shi, Junheng; Ilo-Okeke, Ebubekukwu O.; Ivannikov, Valentin; Byrnes, Tim	PHYSICAL REVIEW LETTERS	2023	131	11	110602	<a href="http://dx.doi.org/10.1103/PhysRevLett.131.110602">http://dx.doi.org/10.1103/PhysRevLett.131.110602</a>
153	Measuring the primordial curvature perturbations from the scalar induced gravitational waves	Li, Jun; Guo, Guang-Hai	PHYSICAL REVIEW D	2023	107	4	43536	<a href="http://dx.doi.org/10.1103/PhysRevD.107.043536">http://dx.doi.org/10.1103/PhysRevD.107.043536</a>
154	Memory Effect on the Survival of Deinococcus radiodurans after Exposure in Near Space	Chen, Yining; Zhang, Qing; Wang, Deyu; Shu, Yao-Gen; Shi, Hualin	MICROBIOLOGY SPECTRUM	2023	11	2		<a href="http://dx.doi.org/10.1128/spectrum.03474-22">http://dx.doi.org/10.1128/spectrum.03474-22</a>
155	MeV sterile neutrino in light of the Cabibbo-angle anomaly	Kitahara, Teppei; Tobioka, Kohsaku	PHYSICAL REVIEW D	2023	108	11	115034	<a href="http://dx.doi.org/10.1103/PhysRevD.108.115034">http://dx.doi.org/10.1103/PhysRevD.108.115034</a>
156	Microscopic study of fusion reactions with a weakly bound nucleus: Effects of deformed halo	Sun, Xiang-Xiang; Guo, Lu	PHYSICAL REVIEW C	2023	107	1	L011601	<a href="http://dx.doi.org/10.1103/PhysRevC.107.L011601">http://dx.doi.org/10.1103/PhysRevC.107.L011601</a>
157	Microscopic study of the hot-fusion reaction $48\text{Ca}+238\text{U}$ with the constraints from time-dependent Hartree-Fock theory	Sun, Xiang-Xiang; Guo, Lu	PHYSICAL REVIEW C	2023	107	6	64609	<a href="http://dx.doi.org/10.1103/PhysRevC.107.064609">http://dx.doi.org/10.1103/PhysRevC.107.064609</a>
158	Microwave Shielding of Bosonic NaRb Molecules	Lin, Junyu; Chen, Guanghua; Jin, Mucan; Shi, Zhaopeng; Deng, Fulin; Zhang, Wenxian; Quemener, Goulven; Shi, Tao; Yi, Su; Wang, Dajun	PHYSICAL REVIEW X	2023	13	3	31032	<a href="http://dx.doi.org/10.1103/PhysRevX.13.031032">http://dx.doi.org/10.1103/PhysRevX.13.031032</a>

159	Modeling Viscoelasticity and Dynamic Nematic Order of Exchangeable Liquid Crystal Elastomers	Zhao, Jiameng; Meng, Fanlong	PHYSICAL REVIEW LETTERS	2023	131	6	68101	<a href="http://dx.doi.org/10.1103/PhysRevLett.131.068101">http://dx.doi.org/10.1103/PhysRevLett.131.068101</a>
160	Modular factorization of superconformal indices	Jejjala, Vishnu; Lei, Yang; van Leuven, Sam; Li, Wei	JOURNAL OF HIGH ENERGY PHYSICS	2023		10	105	<a href="http://dx.doi.org/10.1007/JHEP10(2023)105">http://dx.doi.org/10.1007/JHEP10(2023)105</a>
161	Molecular states in $Ds( ) + \Xi c(,*)$ systems	Yalikun, Nijjati; Dong, Xiang-Kun; Zou, Bing-Song	CHINESE PHYSICS C	2023	47	12	123101	<a href="http://dx.doi.org/10.1088/1674-1137/acf65e">http://dx.doi.org/10.1088/1674-1137/acf65e</a>
162	Multi-TeV photons from GRB 221009A: uncertainty of optical depth considered	Zhao, Zhi-Chao; Zhou, Yong; Wang, Sai	EUROPEAN PHYSICAL JOURNAL C	2023	83	1	92	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11246-y">http://dx.doi.org/10.1140/epjc/s10052-023-11246-y</a>
163	Muon g-2 with overlap valence fermions	Wang, Gen; Draper, Terrence; Liu, Keh-Fei; Yang, Yi-Bo	PHYSICAL REVIEW D	2023	107	3	34513	<a href="http://dx.doi.org/10.1103/PhysRevD.107.034513">http://dx.doi.org/10.1103/PhysRevD.107.034513</a>
164	Nature of the 1/9-magnetization plateau in the spin-1/2 kagome Heisenberg antiferromagnet	Fang, Da-zhi; Xi, Ning; Ran, Shi-Ju; Su, Gang	PHYSICAL REVIEW B	2023	107	22	L220401	<a href="http://dx.doi.org/10.1103/PhysRevB.107.L220401">http://dx.doi.org/10.1103/PhysRevB.107.L220401</a>
165	Neural-network solutions to stochastic reaction networks	Tang, Ying; Weng, Jiayu; Zhang, Pan	NATURE MACHINE INTELLIGENCE	2023	5	4	376-385	<a href="http://dx.doi.org/10.1038/s42256-023-00632-6">http://dx.doi.org/10.1038/s42256-023-00632-6</a>
166	Neuronal Population Activity in Macaque Visual Cortices Dynamically Changes through Repeated Fixations in Active Free Viewing	Yamane, Yukako; Ito, Junji; Joana, Cristian; Fujita, Ichiro; Tamura, Hiroshi; Maldonado, Pedro E.; Doya, Kenji; Grun, Sonja	ENEURO	2023	10	10		<a href="http://dx.doi.org/10.1523/ENEURO.0086-23.2023">http://dx.doi.org/10.1523/ENEURO.0086-23.2023</a>
167	New insights into the nature of the $\Lambda(1380)$ and $\Lambda(1405)$ resonances away from the $SU(3)$ limit	Guo, Feng-Kun; Kamiya, Yuki; Mai, Maxim; Meissner, Ulf-G.	PHYSICS LETTERS B	2023	846		138264	<a href="http://dx.doi.org/10.1016/j.physletb.2023.138264">http://dx.doi.org/10.1016/j.physletb.2023.138264</a>
168	New relations for tree-level form factors and scattering amplitudes	Dong, Jin; He, Song; Lin, Guanda	JOURNAL OF HIGH ENERGY PHYSICS	2023		2	76	<a href="http://dx.doi.org/10.1007/JHEP02(2023)076">http://dx.doi.org/10.1007/JHEP02(2023)076</a>
169	Nodeless electron pairing in CsV3Sb5-derived kagome superconductors	Zhong, Yigui; Liu, Jinjin; Wu, Xianxin; Guguchia, Zurab; Yin, J. -x.; Mine, Akifumi; Li, Yongkai; Najafzadeh, Sahand; Das, Debarchan; Mielke, Charles; Khasanov, Rustem; Luetkens, Hubertus; Suzuki, Takeshi; Liu, Kecheng; Han, Xinloong; Kondo, Takeshi; Hu, Jiangping; Shin, Shik; Wang, Zhiwei; Shi, Xun; Yao, Yugui; Okazaki, Kozo	NATURE	2023	617	7961	488+	<a href="http://dx.doi.org/10.1038/s41586-023-05907-x">http://dx.doi.org/10.1038/s41586-023-05907-x</a>
170	Nonlinear corrections of overlap reduction functions for pulsar timing arrays	Zhu, Qing-Hua	PHYSICAL REVIEW D	2023	107	10	103519	<a href="http://dx.doi.org/10.1103/PhysRevD.107.103519">http://dx.doi.org/10.1103/PhysRevD.107.103519</a>
171	Nonlinear dynamics of hot, cold, and bald Einstein-Maxwell-scalar black holes in AdS spacetime	Chen, Qian; Ning, Zhuan; Tian, Yu; Wang, Bin; Zhang, Cheng-Yong	PHYSICAL REVIEW D	2023	108	8	84016	<a href="http://dx.doi.org/10.1103/PhysRevD.108.084016">http://dx.doi.org/10.1103/PhysRevD.108.084016</a>
172	Non-maximal chaos in some Sachdev-Ye-Kitaev-like models	Ma, Chen; Tian, Chushun	JOURNAL OF HIGH ENERGY PHYSICS	2023		5	9	<a href="http://dx.doi.org/10.1007/JHEP05(2023)009">http://dx.doi.org/10.1007/JHEP05(2023)009</a>
173	Non-standard neutrino interactions in light mediator models at reactor experiments	Dutta, Bhaskar; Ghosh, Sumit; Li, Tianjun; Thompson, Adrian; Verma, Ankur	JOURNAL OF HIGH ENERGY PHYSICS	2023		3	163	<a href="http://dx.doi.org/10.1007/JHEP03(2023)163">http://dx.doi.org/10.1007/JHEP03(2023)163</a>
174	Non-trivial band topology and orbital-selective electronic nematicity in a titanium-based kagome superconductor	Hu, Yong; Le, Congcong; Zhang, Yuhang; Zhao, Zhen; Liu, Jiali; Ma, Junzhang; Plumb, Nicholas C.; Radovic, Milan; Chen, Hui; Schnyder, Andreas P.; Wu, Xianxin; Dong, Xiaoli; Hu, Jiangping; Yang, Haitao; Gao, Hong-Jun; Shi, Ming	NATURE PHYSICS	2023	19	12	1827+	<a href="http://dx.doi.org/10.1038/s41567-023-02215-z">http://dx.doi.org/10.1038/s41567-023-02215-z</a>

175	Notes on Worksheet-Like Variables for Cluster Configuration Spaces	He, Song; Wang, Yihong; Zhang, Yong; Zhao, Peng	SYMMETRY INTEGRABILITY AND GEOMETRY -METHODS AND APPLICATIONS	2023	19		45	<a href="http://dx.doi.org/10.3842/SIGMA.2023.045">http://dx.doi.org/10.3842/SIGMA.2023.045</a>
176	Novel loop-diagrammatic approach to QCD $\theta$ parameter and application to the left-right model	Hisano, Junji; Kitahara, Teppei; Osamura, Naohiro; Yamada, Atsuyuki	JOURNAL OF HIGH ENERGY PHYSICS	2023		3	150	<a href="http://dx.doi.org/10.1007/JHEP03(2023)150">http://dx.doi.org/10.1007/JHEP03(2023)150</a>
177	Novel loop-diagrammatic approach to QCD $\theta$ parameter and application to the left-right model	Hisano, Junji; Kitahara, Teppei; Osamura, Naohiro; Yamada, Atsuyuki	JOURNAL OF HIGH ENERGY PHYSICS	2023		3		
178	Nuclear decay anomalies as a signature of axion dark matter	Zhang, Xin; Houston, Nick; Li, Tianjun	PHYSICAL REVIEW D	2023	108	7		<a href="http://dx.doi.org/10.1103/PhysRevD.108.L071101">http://dx.doi.org/10.1103/PhysRevD.108.L071101</a>
179	Nuclear shell model deployed on quantum computers	Zhou, Shan-Gui	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2023	66	4	240332	<a href="http://dx.doi.org/10.1007/s11433-023-2077-0">http://dx.doi.org/10.1007/s11433-023-2077-0</a>
180	Nucleon electric dipole moment from the $\theta$ term with lattice chiral fermions	Liang, Jian; Alexandru, Andrei; Draper, Terrence; Liu, Keh-Fei; Wang, Bigeng; Wang, Gen; Yang, Yi-Bo	PHYSICAL REVIEW D	2023	108	9	94512	<a href="http://dx.doi.org/10.1103/PhysRevD.108.094512">http://dx.doi.org/10.1103/PhysRevD.108.094512</a>
181	Nucleon form factors and parton distributions in nonlocal chiral effective theory	Wang, P.; He, Fangcheng; Ji, Chueng-Ryong; Melnitchouk, W.	PROGRESS IN PARTICLE AND NUCLEAR PHYSICS	2023	129		104017	<a href="http://dx.doi.org/10.1016/j.ppnp.2022.104017">http://dx.doi.org/10.1016/j.ppnp.2022.104017</a>
182	Nucleon Transversity Distribution in the Continuum and Physical Mass Limit from Lattice QCD	Yao, Fei; Walter, Lisa; Chen, Jiunn-Wei; Hua, Jun; Ji, Xiangdong; Jin, Luchang; Lahrtz, Sebastian; Ma, Lingquan; Mohanta, Protick; Schafer, Andreas; Shu, Hai-Tao; Su, Yushan; Sun, Peng; Xiong, Xiaonu; Yang, Yi-Bo; Zhang, Jian-Hui	PHYSICAL REVIEW LETTERS	2023	131	26	261901	<a href="http://dx.doi.org/10.1103/PhysRevLett.131.261901">http://dx.doi.org/10.1103/PhysRevLett.131.261901</a>
183	On symbology and differential equations of Feynman integrals from Schubert analysis	He, Song; Jiang, Xuhang; Liu, Jiahao; Yang, Qinglin	JOURNAL OF HIGH ENERGY PHYSICS	2023		12	140	<a href="http://dx.doi.org/10.1007/JHEP12(2023)140">http://dx.doi.org/10.1007/JHEP12(2023)140</a>
184	On the interaction between ultralight bosons and quantum-corrected black holes	Guo, Rong-Zhen; Yuan, Chen; Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		4	69	<a href="http://dx.doi.org/10.1088/1475-7516/2023/04/069">http://dx.doi.org/10.1088/1475-7516/2023/04/069</a>
185	On the $\eta_1(1855)$ , $\pi_1(1400)$ and $\pi_1(1600)$ as Dynamically Generated States and Their SU(3) Partners	Yan, Mao-Jun; Dias, Jorgivan M. M.; Guevara, Adolfo; Guo, Feng-Kun; Zou, Bing-Song	UNIVERSE	2023	9	2	109	<a href="http://dx.doi.org/10.3390/universe9020109">http://dx.doi.org/10.3390/universe9020109</a>
186	On-shell operator construction in the effective field theory of gravity	Li, Hao-Lin; Ren, Zhe; Xiao, Ming-Lei; Yu, Jiang-Hao; Zheng, Yu-Hui	JOURNAL OF HIGH ENERGY PHYSICS	2023		10	19	<a href="http://dx.doi.org/10.1007/JHEP10(2023)019">http://dx.doi.org/10.1007/JHEP10(2023)019</a>
187	Optimum orientation of compact and elongated hexadecapole deformed actinide targets: Application to synthesizing superheavy nuclei	Sharma, Harshit; Jain, Shivani; Kumar, Raj; Sharma, Manoj K.	PHYSICAL REVIEW C	2023	108	4	44613	<a href="http://dx.doi.org/10.1103/PhysRevC.108.044613">http://dx.doi.org/10.1103/PhysRevC.108.044613</a>
188	$P_{33}(4338)$ pentaquark and its partners in the molecular picture	Yan, Mao-Jun; Peng, Fang-Zheng; Sanchez, Mario Sanchez; Valderrama, Manuel Pavon	PHYSICAL REVIEW D	2023	107	7	74025	<a href="http://dx.doi.org/10.1103/PhysRevD.107.074025">http://dx.doi.org/10.1103/PhysRevD.107.074025</a>
189	Parallel and anti-parallel helical surface states for topological semimetals	Zhang, Tiantian; Murakami, Shuichi	SCIENTIFIC REPORTS	2023	13	1	9239	<a href="http://dx.doi.org/10.1038/s41598-023-36168-3">http://dx.doi.org/10.1038/s41598-023-36168-3</a>

190	Parameter estimation of eccentric gravitational waves with a decihertz observatory and its cosmological implications	Yang, Tao; Cai, Rong-Gen; Cao, Zhoujian; Lee, Hyung Mok	PHYSICAL REVIEW D	2023	107	4	43539	<a href="http://dx.doi.org/10.1103/PhysRevD.107.043539">http://dx.doi.org/10.1103/PhysRevD.107.043539</a>
191	Parameter Inference for Coalescing Massive Black Hole Binaries Using Deep Learning	Ruan, Wenhong; Wang, He; Liu, Chang; Guo, Zongkuan	UNIVERSE	2023	9	9	407	<a href="http://dx.doi.org/10.3390/universe9090407">http://dx.doi.org/10.3390/universe9090407</a>
192	Particle orbiting constrained by elastic filament as a model cilium for fluid pumping	Hu, Shiyuan; Meng, Fanlong	JOURNAL OF FLUID MECHANICS	2023	966		A23	<a href="http://dx.doi.org/10.1017/jfm.2023.436">http://dx.doi.org/10.1017/jfm.2023.436</a>
193	Particle production during inflation with a nonminimally coupled spectator scalar field	Yu, Zhe; Fu, Chengjie; Guo, Zong-Kuan	PHYSICAL REVIEW D	2023	108	12	123509	<a href="http://dx.doi.org/10.1103/PhysRevD.108.123509">http://dx.doi.org/10.1103/PhysRevD.108.123509</a>
194	Pathway for Water Transport through Breathable Nanocomposite Membranes of PEBAX with Ionic Liquid [C12C1im]Cl	Cheng, Ziqi; Li, Shen; Tocchi, Elena; Saielli, Giacomo; Gugliuzza, Annarosa; Wang, Yanting	MEMBRANES	2023	13	9	749	<a href="http://dx.doi.org/10.3390/membranes13090749">http://dx.doi.org/10.3390/membranes13090749</a>
195	Perfecting one-loop BCJ numerators in SYM and supergravity	Edison, Alex; He, Song; Johansson, Henrik; Schlotterer, Oliver; Teng, Fei; Zhang, Yong	JOURNAL OF HIGH ENERGY PHYSICS	2023		2	164	<a href="http://dx.doi.org/10.1007/JHEP02(2023)164">http://dx.doi.org/10.1007/JHEP02(2023)164</a>
196	PeV neutrinos of IceCube with very heavy fermion and very light scalar	Fan, Zhao-Xing; Li, Qin-Ze; Liu, Chun; Reyimuaji, Yakefu	COMMUNICATIONS IN THEORETICAL PHYSICS	2023	75	9	95203	<a href="http://dx.doi.org/10.1088/1572-9494/acda82">http://dx.doi.org/10.1088/1572-9494/acda82</a>
197	Phase coexistence in [C22/C1MIm]+[NO3]- ionic-liquid mixtures and first-order phase transitions from homogeneous liquid to smectic B by varying the cation ratio	Yao, Jie; Saielli, Giacomo; Meng, Fanlong; Wang, Yanting	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2023	25	32	21595-21603	<a href="http://dx.doi.org/10.1039/d3cp01670f">http://dx.doi.org/10.1039/d3cp01670f</a>
198	Phase diagram of holographic thermal dense QCD matter with rotation	Zhao, Yan-Qing; He, Song; Hou, Defu; Li, Li; Li, Zhibin	JOURNAL OF HIGH ENERGY PHYSICS	2023		4	115	<a href="http://dx.doi.org/10.1007/JHEP04(2023)115">http://dx.doi.org/10.1007/JHEP04(2023)115</a>
199	Phase transitions and critical phenomena for the FRW universe in an effective scalar-tensor theory	Abdusattar, Haximjan; Kong, Shi-Bei; Zhang, Hongsheng; Hu, Ya-Peng	PHYSICS OF THE DARK UNIVERSE	2023	42		101330	<a href="http://dx.doi.org/10.1016/j.dark.2023.101330">http://dx.doi.org/10.1016/j.dark.2023.101330</a>
200	Phonon-phonon interaction and parametric down-conversion generation in multimode optomechanical systems	Peng, Zhen-Yang; Wang, Ying-Dan	COMMUNICATIONS IN THEORETICAL PHYSICS	2023	75	3	35101	<a href="http://dx.doi.org/10.1088/1572-9494/acaa97">http://dx.doi.org/10.1088/1572-9494/acaa97</a>
201	Plaquette Singlet Transition, Magnetic Barocaloric Effect, and Spin Supersolidity in the Shastry-Sutherland Model	Wang, Junsen; Li, Han; Xi, Ning; Gao, Yuan; Yan, Qing-Bo; Li, Wei; Su, Gang	PHYSICAL REVIEW LETTERS	2023	131	11	116702	<a href="http://dx.doi.org/10.1103/PhysRevLett.131.116702">http://dx.doi.org/10.1103/PhysRevLett.131.116702</a>
202	Plaquette valence bond solid to antiferromagnet transition and deconfined quantum critical point of the Shastry-Sutherland model	Xi, Ning; Chen, Hongyu; Xie, Z. Y.; Yu, Rong	PHYSICAL REVIEW B	2023	107	22	L220408	<a href="http://dx.doi.org/10.1103/PhysRevB.107.L220408">http://dx.doi.org/10.1103/PhysRevB.107.L220408</a>
203	Polarization jumps across topological phase transitions in two-dimensional systems	Yoshida, Hiroki; Zhang, Tiantian; Murakami, Shuichi	PHYSICAL REVIEW B	2023	108	7	75160	<a href="http://dx.doi.org/10.1103/PhysRevB.108.075160">http://dx.doi.org/10.1103/PhysRevB.108.075160</a>
204	Possible intermediate quantum spin liquid phase in a-RuCl <sub>3</sub> under high magnetic fields up to 100 T	Zhou, Xu-Guang; Li, Han; Matsuda, Yasuhiro H.; Matsuo, Akira; Li, Wei; Kurita, Nobuyuki; Su, Gang; Kindo, Koichi; Tanaka, Hidekazu	NATURE COMMUNICATIONS	2023	14	1	5613	<a href="http://dx.doi.org/10.1038/s41467-023-41232-7">http://dx.doi.org/10.1038/s41467-023-41232-7</a>
205	Precision studies of QCD in the low energy domain of the EIC	Burkert, V. D.; Elouadrhiri, L.; Afanasev, A.; Arrington, J.; etc.	PROGRESS IN PARTICLE AND NUCLEAR PHYSICS	2023	131		104032	<a href="http://dx.doi.org/10.1016/j.ppnp.2023.104032">http://dx.doi.org/10.1016/j.ppnp.2023.104032</a>
206	Primordial black hole formation in nonminimal curvaton scenarios	Pi, Shi; Sasaki, Misao	PHYSICAL REVIEW D	2023	108	10	L101301	<a href="http://dx.doi.org/10.1103/PhysRevD.108.L101301">http://dx.doi.org/10.1103/PhysRevD.108.L101301</a>

207	Primordial black hole formation in Starobinsky's linear potential model	Pi, Shi; Wang, Jianing	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		6	18	<a href="http://dx.doi.org/10.1088/1475-7516/2023/06/018">http://dx.doi.org/10.1088/1475-7516/2023/06/018</a>
208	Primordial black holes and induced gravitational waves from double-pole inflation	Fu, Chengjie; Wang, Shao-Jiang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		6	12	<a href="http://dx.doi.org/10.1088/1475-7516/2023/06/012">http://dx.doi.org/10.1088/1475-7516/2023/06/012</a>
209	Primordial black holes generated by the non-minimal spectator field	Meng, De-Shuang; Yuan, Chen; Huang, Qing-Guo	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2023	66	8	280411	<a href="http://dx.doi.org/10.1007/s11433-022-2095-5">http://dx.doi.org/10.1007/s11433-022-2095-5</a>
210	Probing dark QCD sector through the Higgs portal with machine learning at the LHC	Lu, Chih-Ting; Lv, Huifang; Shen, Wei; Wu, Lei; Zhang, Jia	JOURNAL OF HIGH ENERGY PHYSICS	2023		8	187	<a href="http://dx.doi.org/10.1007/JHEP08(2023)187">http://dx.doi.org/10.1007/JHEP08(2023)187</a>
211	Probing the electroweak symmetry breaking history with gravitational waves	Zhao, Zizhuo; Di, Yuefeng; Bian, Ligong; Cai, Rong-Gen	JOURNAL OF HIGH ENERGY PHYSICS	2023		10	158	<a href="http://dx.doi.org/10.1007/JHEP10(2023)158">http://dx.doi.org/10.1007/JHEP10(2023)158</a>
212	Probing the equation of state of the early Universe with pulsar timing arrays	Liu, Lang; Chen, Zu-Cheng; Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		11	71	<a href="http://dx.doi.org/10.1088/1475-7516/2023/11/071">http://dx.doi.org/10.1088/1475-7516/2023/11/071</a>
213	Probing the supersymmetric grand unified theories with gravity mediation at the future proton-proton colliders and hyper-Kamiokande experiment	Ahmed, Waqas; Li, Tianjun; Raza, Shabbar	EUROPEAN PHYSICAL JOURNAL C	2023	83	3	263	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11409-x">http://dx.doi.org/10.1140/epjc/s10052-023-11409-x</a>
214	Properties of gapped systems in AdS/BCFT	Liu, Yan; Lyu, Hong -Da; Zhao, Jun-Kun	PHYSICAL REVIEW D	2023	107	6	66017	<a href="http://dx.doi.org/10.1103/PhysRevD.107.066017">http://dx.doi.org/10.1103/PhysRevD.107.066017</a>
215	Protein Structure Prediction: Challenges, Advances, and the Shift of Research Paradigms	Huang, Bin; Kong, Lupeng; Wang, Chao; Ju, Fusong; Zhang, Qi; Zhu, Jianwei; Gong, Tiansu; Zhang, Haicang; Yu, Chungong; Zheng, Wei-Mou; Bu, Dongbo	GENOMICS PROTEOMICS & BIOINFORMATICS	2023	21	5	913-925	<a href="http://dx.doi.org/10.1016/j.gpb.2022.11.014">http://dx.doi.org/10.1016/j.gpb.2022.11.014</a>
216	Pulsar timing residual induced by ultralight tensor dark matter	Wu, Yu-Mei; Chen, Zu-Cheng; Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		9	21	<a href="http://dx.doi.org/10.1088/1475-7516/2023/09/021">http://dx.doi.org/10.1088/1475-7516/2023/09/021</a>
217	QCD factorization of quasi generalized gluon distributions	Ma, J. P.; Pang, Z. Y.; Zhang, C. P.; Zhang, G. P.	JOURNAL OF HIGH ENERGY PHYSICS	2023		4	1	<a href="http://dx.doi.org/10.1007/JHEP04(2023)001">http://dx.doi.org/10.1007/JHEP04(2023)001</a>
218	Quantum circuit simulation of superchannels	Wang, Kai; Wang, Dong-Sheng	NEW JOURNAL OF PHYSICS	2023	25	4	43013	<a href="http://dx.doi.org/10.1088/1367-2630/acc5aa">http://dx.doi.org/10.1088/1367-2630/acc5aa</a>
219	Quantum simulation of Hawking radiation and curved spacetime with a superconducting on-chip black hole	Shi, Yun-Hao; Yang, Run-Qiu; Xiang, Zhongcheng; Ge, Zi-Yong; Li, Hao; Wang, Yong-Yi; Huang, Kaixuan; Tian, Ye; Song, Xiaohui; Zheng, Dongning; Xu, Kai; Cai, Rong-Gen; Fan, Heng	NATURE COMMUNICATIONS	2023	14	1	3263	<a href="http://dx.doi.org/10.1038/s41467-023-39064-6">http://dx.doi.org/10.1038/s41467-023-39064-6</a>
220	Quench dynamics in holographic first-order phase transition	Chen, Qian; Liu, Yuxuan; Tian, Yu; Wu, Xiaoning; Zhang, Hongbao	PHYSICAL REVIEW D	2023	108	10	106017	<a href="http://dx.doi.org/10.1103/PhysRevD.108.106017">http://dx.doi.org/10.1103/PhysRevD.108.106017</a>
221	Radiative decays of the heavy-quark-spin molecular partner of $T_{cc}^+$	Jia, Zhao-Sai; Zhang, Zhen-Hua; Li, Gang; Guo, Feng-Kun	PHYSICAL REVIEW D	2023	108	9	94038	<a href="http://dx.doi.org/10.1103/PhysRevD.108.094038">http://dx.doi.org/10.1103/PhysRevD.108.094038</a>

222	Radiative decays of the spin-2 partner of X(3872)	Shi, Pan-Pan; Dias, Jorgivan M.; Guo, Feng-Kun	PHYSICS LETTERS B	2023	843		137987	<a href="http://dx.doi.org/10.1016/j.physletb.2023.137987">http://dx.doi.org/10.1016/j.physletb.2023.137987</a>
223	Rapid search for massive black hole binary coalescences using deep learning	Ruan, Wen-Hong; Wang, He; Liu, Chang; Guo, Zong-Kuan	PHYSICS LETTERS B	2023	841		137904	<a href="http://dx.doi.org/10.1016/j.physletb.2023.137904">http://dx.doi.org/10.1016/j.physletb.2023.137904</a>
224	Reconstructing masses for semi-invisibly decaying particles pair-produced at lepton colliders	Yang, Jin Min; Zhang, Yang; Zhu, Pengxuan; Zhu, Rui	PHYSICAL REVIEW D	2023	108	7	75015	<a href="http://dx.doi.org/10.1103/PhysRevD.108.075015">http://dx.doi.org/10.1103/PhysRevD.108.075015</a>
225	Recursive structure of Baikov representations: Generics and application to symbology	Jiang, Xuhang; Yang, Li Lin	PHYSICAL REVIEW D	2023	108	7	76004	<a href="http://dx.doi.org/10.1103/PhysRevD.108.076004">http://dx.doi.org/10.1103/PhysRevD.108.076004</a>
226	Rethinking the $P_c(4457)^+$ as the $P_{\psi\Delta^+}$ (4457) isoquartet ( $D$ )over-bar* $\Sigma_c$ molecule	Peng, Fang-Zheng; Yan, Mao-Jun; Sanchez Sanchez, Mario; Pavon Valderrama, Manuel	PHYSICS LETTERS B	2023	846		138207	<a href="http://dx.doi.org/10.1016/j.physletb.2023.138207">http://dx.doi.org/10.1016/j.physletb.2023.138207</a>
227	Revealing the amplitude of primordial curvature perturbations on small scales from Primordial black hole binaries for gravitational wave detection	Cai, Rong-Gen	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2023	66	6	260461	<a href="http://dx.doi.org/10.1007/s11433-023-2099-5">http://dx.doi.org/10.1007/s11433-023-2099-5</a>
228	Revisiting puffy dark matter with novel insights: partial wave analysis	Wang, Wenyu; Xu, Wu-Long; Yang, Jin Min; Zhu, Bin	JOURNAL OF HIGH ENERGY PHYSICS	2023		6	103	<a href="http://dx.doi.org/10.1007/JHEP06(2023)103">http://dx.doi.org/10.1007/JHEP06(2023)103</a>
229	Schwinger pair creation with the backreaction in 3+1 dimensions	Liu, Weitao	PHYSICAL REVIEW D	2023	107	5	54502	<a href="http://dx.doi.org/10.1103/PhysRevD.107.054502">http://dx.doi.org/10.1103/PhysRevD.107.054502</a>
230	Scrambling and entangling spinning particles	Hung, Ling-Yan; Ji, Kaixin; Wang, Tianheng	JOURNAL OF HIGH ENERGY PHYSICS	2023		2	197	<a href="http://dx.doi.org/10.1007/JHEP02(2023)197">http://dx.doi.org/10.1007/JHEP02(2023)197</a>
231	Search for stochastic gravitational-wave background from massive gravity in the NANOGrav 12.5-year dataset	Wu, Yu-Mei; Chen, Zu-Cheng; Huang, Qing-Guo	PHYSICAL REVIEW D	2023	107	4	42003	<a href="http://dx.doi.org/10.1103/PhysRevD.107.042003">http://dx.doi.org/10.1103/PhysRevD.107.042003</a>
232	Search for stochastic gravitational-wave background from string cosmology with Advanced LIGO and Virgo's O1+O3 data	Jiang, Yang; Fan, Xi-Long; Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		4	24	<a href="http://dx.doi.org/10.1088/1475-7516/2023/04/024">http://dx.doi.org/10.1088/1475-7516/2023/04/024</a>
233	Searching for double-peak and doubly broken gravitational-wave spectra from Advanced LIGO-Virgo's first three observing runs	Yu, Wang-Wei; Wang, Shao-Jiang	PHYSICAL REVIEW D	2023	108	6	63526	<a href="http://dx.doi.org/10.1103/PhysRevD.108.063526">http://dx.doi.org/10.1103/PhysRevD.108.063526</a>
234	Self-Consistent Extraction of Spectroscopic Bounds on Light New Physics	Delaunay, Cedric; Karr, Jean-Philippe; Kitahara, Tepei; Koelmeij, Jeroen C. J.; Soreq, Yotam; Zupan, Jure	PHYSICAL REVIEW LETTERS	2023	130	12	121801	<a href="http://dx.doi.org/10.1103/PhysRevLett.130.121801">http://dx.doi.org/10.1103/PhysRevLett.130.121801</a>
235	Shape of CMB lensing in the early dark energy cosmology	Ye, Gen; Jiang, Jun-Qian; Piao, Yun-Song	PHYSICAL REVIEW D	2023	108	6	63512	<a href="http://dx.doi.org/10.1103/PhysRevD.108.063512">http://dx.doi.org/10.1103/PhysRevD.108.063512</a>
236	Snake net with a neural network for detecting multiple phases in the phase diagram	Sun, Xiaodong; Yang, Huijiong; Wu, Nan; Scott, T. C.; Zhang, Jie; Zhang, Wanzhou	PHYSICAL REVIEW E	2023	107	6	65303	<a href="http://dx.doi.org/10.1103/PhysRevE.107.065303">http://dx.doi.org/10.1103/PhysRevE.107.065303</a>
237	Space-based gravitational wave signal detection and extraction with deep neural network	Zhao, Tianyu; Lyu, Ruoxi; Wang, He; Cao, Zhoujian; Ren, Zhixiang	COMMUNICATIONS PHYSICS	2023	6	1	212	<a href="http://dx.doi.org/10.1038/s42005-023-01334-6">http://dx.doi.org/10.1038/s42005-023-01334-6</a>
238	Spin-orbit amplitudes for decays with arbitrary spin	Li, Xiao-Yu; Dong, Xiang-Kun; Jing, Hao-Jie	NUCLEAR PHYSICS A	2023	1040		122761	<a href="http://dx.doi.org/10.1016/j.nuclphysa.2023.122761">http://dx.doi.org/10.1016/j.nuclphysa.2023.122761</a>
239	Splitting of doubly quantized vortices in holographic superfluid of finite temperature	Lan, Shanquan; Li, Xin; Mo, Jiexiong; Tian, Yu; Yan, Yu-Kun; Yang, Peng; Zhang, Hongbao	JOURNAL OF HIGH ENERGY PHYSICS	2023		5	223	<a href="http://dx.doi.org/10.1007/JHEP05(2023)223">http://dx.doi.org/10.1007/JHEP05(2023)223</a>
240	Standard model effective field theory from on-shell amplitudes*	Ma, Teng; Shu, Jing; Xiao, Ming-Lei	CHINESE PHYSICS C	2023	47	2	23105	<a href="http://dx.doi.org/10.1088/1674-1137/aca200">http://dx.doi.org/10.1088/1674-1137/aca200</a>
241	Static de-Sitter black holes abhor charged scalar hair	An, Yu-Ping; Li, Li	EUROPEAN PHYSICAL JOURNAL C	2023	83	7	569	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11758-7">http://dx.doi.org/10.1140/epjc/s10052-023-11758-7</a>

242	Statistical mechanics of continual learning: Variational principle and mean-field potential	Li, Chan; Huang, Zhenye; Zou, Wenxuan; Huang, Haiping	PHYSICAL REVIEW E	2023	108	1	14309	<a href="http://dx.doi.org/10.1103/PhysRevE.108.014309">http://dx.doi.org/10.1103/PhysRevE.108.014309</a>
243	Strange molecular partners of $P_c$ states in the $\gamma p \rightarrow \phi p$ reaction	Wu, Shu-Ming; Wang, Fei; Zou, Bing -Song	PHYSICAL REVIEW C	2023	108	4	45201	<a href="http://dx.doi.org/10.1103/PhysRevC.108.045201">http://dx.doi.org/10.1103/PhysRevC.108.045201</a>
244	String-scale gauge coupling relations in the supersymmetric Pati-Salam models from intersecting D6-branes	Li, Tianjun; Sun, Rui; Wu, Lina	JOURNAL OF HIGH ENERGY PHYSICS	2023		3	210	<a href="http://dx.doi.org/10.1007/JHEP03(2023)210">http://dx.doi.org/10.1007/JHEP03(2023)210</a>
245	Strong decays of $P_{\psi N}$ ( $4312$ ) $^+$ to $J/\psi$ ( $\eta_c$ ) $p$ and $(D)$ $\bar{\nu}$ ( $\bar{\nu}^*$ ) $\Lambda_c$ within the Bethe-Salpeter framework	Li, Qiang; Chang, Chao-Hsi; Wang, Tianhong; Wang, Guo-Li	JOURNAL OF HIGH ENERGY PHYSICS	2023		6	189	<a href="http://dx.doi.org/10.1007/JHEP06(2023)189">http://dx.doi.org/10.1007/JHEP06(2023)189</a>
246	Taiji data challenge for exploring gravitational wave universe	Ren, Zhixiang; Zhao, Tianyu; Cao, Zhoujian; Guo, Zong-Kuan; Han, Wen-Biao; Jin, Hong-Bo; Wu, Yue-Liang	FRONTIERS OF PHYSICS	2023	18	6	64302	<a href="http://dx.doi.org/10.1007/s11467-023-1318-y">http://dx.doi.org/10.1007/s11467-023-1318-y</a>
247	Tangent Space Approach for Thermal Tensor Network Simulations of the 2D Hubbard Model	Li, Qiaoyi; Gao, Yuan; He, Yuan-Yao; Qi, Yang; Chen, Bin-Bin; Li, Wei	PHYSICAL REVIEW LETTERS	2023	130	22	226502	<a href="http://dx.doi.org/10.1103/PhysRevLett.130.226502">http://dx.doi.org/10.1103/PhysRevLett.130.226502</a>
248	Tensor networks for unsupervised machine learning	Liu, Jing; Li, Sujie; Zhang, Jiang; Zhang, Pan	PHYSICAL REVIEW E	2023	107	1	L012103	<a href="http://dx.doi.org/10.1103/PhysRevE.107.L012103">http://dx.doi.org/10.1103/PhysRevE.107.L012103</a>
249	Testing of P and CP symmetries with $e^+e^- \rightarrow J/\psi \Lambda(\Lambda)\bar{\nu}$	He, X. G.; Ma, J. P.	PHYSICS LETTERS B	2023	839		137834	<a href="http://dx.doi.org/10.1016/j.physletb.2023.137834">http://dx.doi.org/10.1016/j.physletb.2023.137834</a>
250	Testing primordial black hole and measuring the Hubble constant with multiband gravitational-wave observations	Liu, Lang; Yang, Xing-Yu; Guo, Zong-Kuan; Cai, Rong-Gen	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		1	6	<a href="http://dx.doi.org/10.1088/1475-7516/2023/01/006">http://dx.doi.org/10.1088/1475-7516/2023/01/006</a>
251	The ABJM Amplituhedron	He, Song; Huang, Yu-tin; Kuo, Chia-Kai	JOURNAL OF HIGH ENERGY PHYSICS	2023		9	165	<a href="http://dx.doi.org/10.1007/JHEP09(2023)165">http://dx.doi.org/10.1007/JHEP09(2023)165</a>
252	The assignments of the $B_s$ mesons within the screened potential model and $3P_0$ model	Hao, Wei; Lu, Yu; Wang, En	EUROPEAN PHYSICAL JOURNAL C	2023	83	6	520	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11689-3">http://dx.doi.org/10.1140/epjc/s10052-023-11689-3</a>
253	The assignments of the $B_s$ mesons within the screened potential model and $3P_0$ model	Hao, Wei; Lu, Yu; Wang, En	EUROPEAN PHYSICAL JOURNAL C	2023	83	6	520	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11689-3">http://dx.doi.org/10.1140/epjc/s10052-023-11689-3</a>
254	The effect of the gravitational constant variation on the propagation of gravitational waves	An, Jiachen; Xue, Yadong; Cao, Zhoujian; He, Xiaokai; Sun, Bing	PHYSICS LETTERS B	2023	844		138108	<a href="http://dx.doi.org/10.1016/j.physletb.2023.138108">http://dx.doi.org/10.1016/j.physletb.2023.138108</a>
255	The Forward Physics Facility at the High-Luminosity LHC	Feng, Jonathan L.; Kling, Felix;..... Yu, Jiang-Hao; Zapp, Korinna; etc.	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2023	50	3	30501	<a href="http://dx.doi.org/10.1088/1361-6471/ac865e">http://dx.doi.org/10.1088/1361-6471/ac865e</a>
256	The hidden sector variations in the $N=1$ supersymmetric three-family Pati-Salam models from intersecting D6-branes	Mansha, Adeel; Li, Tianjun; Wu, Lina	EUROPEAN PHYSICAL JOURNAL C	2023	83	11	1067	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-12167-6">http://dx.doi.org/10.1140/epjc/s10052-023-12167-6</a>
257	The influence of boundary scattering phase shift on melting behavior of nanoparticles	Sui, Xiaohong; Cui, Yang; Qin, Shaojing; Dong, Chengwei	PHYSICAL E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	2023	147		115564	<a href="http://dx.doi.org/10.1016/j.physe.2022.115564">http://dx.doi.org/10.1016/j.physe.2022.115564</a>



258	The Levy walk with rests under stochastic resetting	Liu, Jian; Hu, Yuhang; Bao, Jing-Dong	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2023	2023	7	73202	<a href="http://dx.doi.org/10.1088/1742-5468/ace3b1">http://dx.doi.org/10.1088/1742-5468/ace3b1</a>
259	The new formulation of higgs effective field Theory	Dong, Zi-Yu; Ma, Teng; Shu, Jing; Zhou, Zi-Zheng	JOURNAL OF HIGH ENERGY PHYSICS	2023		9	101	<a href="http://dx.doi.org/10.1007/JHEP09(2023)101">http://dx.doi.org/10.1007/JHEP09(2023)101</a>
260	The shadow of supertranslated black hole	Zhu, Qing-Hua; Han, Yu-Xuan; Huang, Qing-Guo	EUROPEAN PHYSICAL JOURNAL C	2023	83	1	88	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11232-4">http://dx.doi.org/10.1140/epjc/s10052-023-11232-4</a>
261	The two-loop eight-point amplitude in ABJM theory	He, Song; Huang, Yu-tin; Kuo, Chia-Kai; Li, Zhenjie	JOURNAL OF HIGH ENERGY PHYSICS	2023		2	65	<a href="http://dx.doi.org/10.1007/JHEP02(2023)065">http://dx.doi.org/10.1007/JHEP02(2023)065</a>
262	The Z resonance, inelastic dark matter, and new physics anomalies in the Simple Extension of the Standard Model (SESM) with general scalar potential	Zhang, Wenxing; Li, Tianjun; Yin, Xiangwei	EUROPEAN PHYSICAL JOURNAL C	2023	83	8	725	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11884-2">http://dx.doi.org/10.1140/epjc/s10052-023-11884-2</a>
263	Thermoelectric transport in holographic quantum matter under shear strain	Ji, Teng; Li, Li; Sun, Hao-Tian	COMMUNICATIONS IN THEORETICAL PHYSICS	2023	75	1	15401	<a href="http://dx.doi.org/10.1088/1572-9494/aca0e1">http://dx.doi.org/10.1088/1572-9494/aca0e1</a>
264	Three-loop matching coefficients for heavy flavor-changing currents and the phenomenological applications	Tao, Wei; Xiao, Zhen-Jun; Zhu, Ruilin	JOURNAL OF HIGH ENERGY PHYSICS	2023		5	189	<a href="http://dx.doi.org/10.1007/JHEP05(2023)189">http://dx.doi.org/10.1007/JHEP05(2023)189</a>
265	Time evolution of Einstein-Maxwell-scalar black holes after a thermal quench	Chen, Qian; Ning, Zhuan; Tian, Yu; Wu, Xiaoning; Zhang, Cheng-Yong; Zhang, Hongbao	JOURNAL OF HIGH ENERGY PHYSICS	2023		10	176	<a href="http://dx.doi.org/10.1007/JHEP10(2023)176">http://dx.doi.org/10.1007/JHEP10(2023)176</a>
266	Towards a muon collider	Accettura, Carlotta; Adams, Dean; Agarwal, Rohit;etc.	EUROPEAN PHYSICAL JOURNAL C	2023	83	9	864	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11889-x">http://dx.doi.org/10.1140/epjc/s10052-023-11889-x</a>
267	Twinogenesis	Feng, Wan-Zhe; Yu, Jiang-Hao	COMMUNICATIONS IN THEORETICAL PHYSICS	2023	75	4	45201	<a href="http://dx.doi.org/10.1088/1572-9494/acbb5b">http://dx.doi.org/10.1088/1572-9494/acbb5b</a>
268	Twist-3 contributions in semi-inclusive DIS in the target fragmentation region	Chen, K. B.; Ma, J. P.; Tong, X. B.	PHYSICAL REVIEW D	2023	108	9	94015	<a href="http://dx.doi.org/10.1103/PhysRevD.108.094015">http://dx.doi.org/10.1103/PhysRevD.108.094015</a>
269	Two elementary band representation model, Fermi surface nesting, and surface topological superconductivity in AV <sub>3</sub> Sb <sub>5</sub> (A = K, Rb, Cs)	Deng, Junze; Zhang, Ruihan; Xie, Yue; Wu, Xianxin; Wang, Zhijun	PHYSICAL REVIEW B	2023	108	11	115123	<a href="http://dx.doi.org/10.1103/PhysRevB.108.115123">http://dx.doi.org/10.1103/PhysRevB.108.115123</a>
270	Two-pole structures as a universal phenomenon dictated by coupled-channel chiral dynamics	Xie, Jia-Ming; Lu, Jun-Xu; Geng, Li-Sheng; Zou, Bing-Song	PHYSICAL REVIEW D	2023	108	11	L111502	<a href="http://dx.doi.org/10.1103/PhysRevD.108.L111502">http://dx.doi.org/10.1103/PhysRevD.108.L111502</a>
271	Understanding the 0 <sup>++</sup> and 2 <sup>++</sup> charmonium(-like) states near 3.9 GeV	Ji, Teng; Dong, Xiang-Kun; Albaladejo, Miguel; Du, Meng-Lin; Guo, Feng-Kun; Nieves, Juan; Zou, Bing-Song	SCIENCE BULLETIN	2023	68	7	688-697	<a href="http://dx.doi.org/10.1016/j.scib.2023.02.034">http://dx.doi.org/10.1016/j.scib.2023.02.034</a>
272	Universal cover-time distribution of heterogeneous random walks	Dong, Jia-Qi; Han, Wen-Hui; Wang, Yisen; Chen, Xiao-Song; Huang, Liang	PHYSICAL REVIEW E	2023	107	2	24128	<a href="http://dx.doi.org/10.1103/PhysRevE.107.024128">http://dx.doi.org/10.1103/PhysRevE.107.024128</a>
273	Universal cover-time distributions of random motion in bounded granular gases	Han, Wen-Hui; Cheng, Ke; Liu, Xiao-Nan; Dong, Jia-Qi; Chen, Xiao-Song; Huang, Liang	CHAOS	2023	33	2	23127	<a href="http://dx.doi.org/10.1063/5.0133953">http://dx.doi.org/10.1063/5.0133953</a>
274	Universal resources for quantum computing	Wang, Dong-Sheng	COMMUNICATIONS IN THEORETICAL PHYSICS	2023	75	12	125101	<a href="http://dx.doi.org/10.1088/1572-9494/ad07d6">http://dx.doi.org/10.1088/1572-9494/ad07d6</a>

275	Universality of the Collins-Soper kernel in lattice calculations	Shu, Hai-Tao; Schlemmer, Maximilian; Sizmann, Tobias; Vladimirov, Alexey; Walter, Lisa; Engelhardt, Michael; Schaefer, Andreas; Yang, Yi-Bo	PHYSICAL REVIEW D	2023	108	7	74519	<a href="http://dx.doi.org/10.1103/PhysRevD.108.074519">http://dx.doi.org/10.1103/PhysRevD.108.074519</a>
276	Updated and novel limits on double beta decay and dark matter-induced processes in platinum	Broerman, B.; Laubenstein, M.; Nagorny, S. S.; Nisi, S.; Song, N.; Vincent, A. C.	EUROPEAN PHYSICAL JOURNAL C	2023	83	5	398	<a href="http://dx.doi.org/10.1140/epjc/s10052-023-11510-1">http://dx.doi.org/10.1140/epjc/s10052-023-11510-1</a>
277	Upper limits on the polarized isotropic stochastic gravitational-wave background from advanced LIGO-Virgo's first three observing runs	Jiang, Yang; Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2023		2	26	<a href="http://dx.doi.org/10.1088/1475-7516/2023/02/026">http://dx.doi.org/10.1088/1475-7516/2023/02/026</a>
278	Variational quantum simulation of thermal statistical states on a superconducting quantum processor	Guo, Xue-Yi; Li, Shang-Shu; Xiao, Xiao; Xiang, Zhong-Cheng; Ge, Zi-Yong; Li, He-Kang; Song, Peng-Tao; Peng, Yi; Wang, Zhan; Xu, Kai; Zhang, Pan; Wang, Lei; Zheng, Dong-Ning; Fan, Heng	CHINESE PHYSICS B	2023	32	1	10307	<a href="http://dx.doi.org/10.1088/1674-1056/aca7f3">http://dx.doi.org/10.1088/1674-1056/aca7f3</a>
279	Variational theory of angulons and their rotational spectroscopy	Zeng, Zhongda; Yakaboylu, Enderalp; Lemesko, Mikhail; Shi, Tao; Schmidt, Richard	JOURNAL OF CHEMICAL PHYSICS	2023	158	13	134301	<a href="http://dx.doi.org/10.1063/5.0135893">http://dx.doi.org/10.1063/5.0135893</a>
280	Visualizing slow internal relaxations in a two-dimensional glassy system	Chen, Yanshuang; Ye, Zefang; Wang, Kexin; Huang, Jiping; Tong, Hua; Jin, Yuliang; Chen, Ke; Tanaka, Hajime; Tan, Peng	NATURE PHYSICS	2023	19	7	969+	<a href="http://dx.doi.org/10.1038/s41567-023-02016-4">http://dx.doi.org/10.1038/s41567-023-02016-4</a>
281	W-boson mass anomaly from a general SU(2) L scalar multiplet	Wu, Jiajun; Huang, Da; Geng, Chao-Qiang	CHINESE PHYSICS C	2023	47	6	63103	<a href="http://dx.doi.org/10.1088/1674-1137/acc8bf">http://dx.doi.org/10.1088/1674-1137/acc8bf</a>
282	Weyl Phonons in Chiral Crystals	Zhang, Tiantian; Huang, Zhiheng; Pan, Zitian; Du, Luojun; Zhang, Guangyu; Murakami, Shuichi	NANO LETTERS	2023				<a href="http://dx.doi.org/10.1021/acs.nanolett.3c02132">http://dx.doi.org/10.1021/acs.nanolett.3c02132</a>
283	What can we learn from the total width of the Higgs boson?*	Cao, Qing-Hong; Li, Hao-Lin; Xu, Ling-Xiao; Yu, Jiang-Hao	CHINESE PHYSICS C	2023	47	3	33101	<a href="http://dx.doi.org/10.1088/1674-1137/aca8f6">http://dx.doi.org/10.1088/1674-1137/aca8f6</a>
284	$\Lambda_c(2910)$ and $\Lambda_c(2940)$ as conventional baryons dressed with the $D^*N$ channel	Zhang, Zi-Le; Liu, Zhan-Wei; Luo, Si-Qiang; Wang, Fu-Lai; Wang, Bo; Xu, Hao	PHYSICAL REVIEW D	2023	107	3	34036	<a href="http://dx.doi.org/10.1103/PhysRevD.107.034036">http://dx.doi.org/10.1103/PhysRevD.107.034036</a>
285	$\Xi_c - \Xi_c'$ mixing from lattice QCD	Liu, Hang; Liu, Liuming; Sun, Peng; Sun, Wei; Tan, Jin-Xin; Wang, Wei; Yang, Yi-Bo; Zhang, Qi-An	PHYSICS LETTERS B	2023	841		137941	<a href="http://dx.doi.org/10.1016/j.physletb.2023.137941">http://dx.doi.org/10.1016/j.physletb.2023.137941</a>