

SCI Papers of ITP in 2018

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	2+1 Flavors QCD Equation of State in NJL Model with Proper Time Regularization	Zhao, Ya-Peng; Li, Cheng-Ming; Zong, Hong-Shi	JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS	2018	127	1	64-72	http://dx.doi.org/10.1134/S106377611807018X
2	A Biomarker Characterizing Neurodevelopment with applications in Autism	Wu, Di; Jose, Jorge V.; Nurnberger, John I.; Torres, Elizabeth B.	SCIENTIFIC REPORTS	2018	8		614	http://dx.doi.org/10.1038/s41598-017-18902-w
3	A data-driven approach to $\pi(0)$, η and η' single and double Dalitz decays	Escribano, Rafael; Gonzalez-Solis, Sergi	CHINESE PHYSICS C	2018	42	2	23109	http://dx.doi.org/10.1088/1674-1137/42/2/023109
4	A minimal model for two-component FIMP dark matter: A basic search	Zakeri, S. Peyman; Nejad, S. Mohammad Moosavi; Zakeri, Mohammadreza; Ayazi, S. Yaser	CHINESE PHYSICS C	2018	42	7	73101	http://dx.doi.org/10.1088/1674-1137/42/7/073101
5	A new algorithm towards a quasi-Wigner solution of the gap equation beyond the chiral limit	Xu, Shu-Sheng; Cui, Zhu-Fang; Sun, An; Zong, Hong-Shi	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2018	45	10	105001	http://dx.doi.org/10.1088/1361-6471/aadeb0
6	A new solar neutrino channel for grand-unification monopole searches	Houston, Nick; Li, Tianjun; Sun, Chen	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2018		10	34	http://dx.doi.org/10.1088/1475-7516/2018/10/034
7	A stability-reversibility map unifies elasticity, plasticity, yielding, and jamming in hard sphere glasses	Jin, Yuliang; Urbani, Pierfrancesco; Zamponi, Francesco; Yoshino, Hajime	SCIENCE ADVANCES	2018	4	12	eaat6387	http://dx.doi.org/10.1126/sciadv.aat6387
8	Advances in the study of the mechanochemical coupling of kinesin	Li, Ming; Ou-Yang, Zhong-Can; Shu, Yao-Gen	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2018	32	18	1840001	http://dx.doi.org/10.1142/S0217979218400015
9	Aggregation behavior of dioxadecylviologen bistriflimide ionic liquid crystal in different solvents: influence of polarity and concentration	Li, Shen; Saielli, Giacomo; Wang, Yanting	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2018	20	35	22730-22738	http://dx.doi.org/10.1039/c8cp03055c
10	Alpha decay properties of the semi-magic nucleus Np-219	Yang, H. B.; Ma, L.; Zhang, Z. Y.; Yang, C. L.; Gan, Z. G.; Zhang, M. M.; Huang, M. H.; Yu, L.; Jiang, J.; Tian, Y. L.; Wang, Y. S.; Wang, J. G.; Liu, Z.; Liu, M. L.; Duan, L. M.; Zhou, S. G.; Ren, Z. Z.; Zhou, X. H.; Xu, H. S.; Xiao, G. Q.	PHYSICS LETTERS B	2018	777		212-216	http://dx.doi.org/10.1016/j.physletb.2017.12.017
11	An axion-like scalar field environment effect on binary black hole merger	Yang, Qing; Ji, Li-Wei; Hu, Bin; Cao, Zhou-Jian; Cai, Rong-Gen	RESEARCH IN ASTRONOMY AND ASTROPHYSICS	2018	18	6	65	http://dx.doi.org/10.1088/1674-4527/18/6/65
12	Analytic Two-Loop Higgs Amplitudes in Effective Field Theory and the Maximal Transcendentality Principle	Jin, Qingjun; Yang, Gang	PHYSICAL REVIEW LETTERS	2018	121	10	101603	http://dx.doi.org/10.1103/PhysRevLett.121.101603
13	Analytical description of shape transition in nuclear alternating parity bands	Mardyban, E. V.; Shneidman, T. M.; Kolganova, E. A.; Jolos, R. V.; Zhou, S. -G.	CHINESE PHYSICS C	2018	42	12	124104	http://dx.doi.org/10.1088/1674-1137/42/12/124104
14	Analytical soft SUSY spectrum in mirage-type mediation scenarios	Wang, Fei	JOURNAL OF HIGH ENERGY PHYSICS	2018		11	62	http://dx.doi.org/10.1007/JHEP11(2018)062
15	Antiferromagnetic Chern Insulators in Noncentrosymmetric Systems	Jiang, Kun; Zhou, Sen; Dai, Xi; Wang, Ziqiang	PHYSICAL REVIEW LETTERS	2018	120	15	157205	http://dx.doi.org/10.1103/PhysRevLett.120.157205
16	Are gravitational wave ringdown echoes always equal-interval?	Wang, Yu-Tong; Li, Zhi-Peng; Zhang, Jun; Zhou, Shuang-Yong; Piao, Yun-Song	EUROPEAN PHYSICAL JOURNAL C	2018	78	6	482	http://dx.doi.org/10.1140/epjc/s10052-018-5974-y
17	Asteroseismology of the Double-mode High-amplitude delta Scuti Star VX Hydrae	Xue, Hui-Fang; Fu, Jian-Ning; Fox-Machado, L.; Shi, Jian-Rong; Zhou, Yu-Tao; Zhang, Jun-Bo; Michel, R.; Yan, Hong-Liang; Niu, Jia-Shu; Zong, Wei-Kai; Su, Jie; Castro, A.; Ayala-Loera, C.; Altamirano-Devora, L.	ASTROPHYSICAL JOURNAL	2018	861	2	96	http://dx.doi.org/10.3847/1538-4357/aac9c5
18	Atomic origins of water-vapour-promoted alloy oxidation	Luo, Langli; Su, Mao; Yan, Pengfei; Zou, Lianfeng; Schreiber, Daniel K.; Baer, Donald R.; Zhu, Zihua; Zhou, Guangwen; Wang, Yanting; Bruemmer, Stephen M.; Xu, Zhijie; Wang, Chongmin	NATURE MATERIALS	2018	17	6	514+	http://dx.doi.org/10.1038/s41563-018-0078-5
19	Baryons and baryon resonances in nuclear matter	Lenske, Horst; Dhar, Madhumita; Gaitanos, Theodoros; Cao, Xu	PROGRESS IN PARTICLE AND NUCLEAR PHYSICS	2018	98		119-206	http://dx.doi.org/10.1016/j.ppnp.2017.09.001
20	Bayesian analysis of the break in DAMPE lepton spectra	Niu, Jia-Shu; Li, Tianjun; Ding, Ran; Zhu, Bin; Xue, Hui-Fang; Wang, Yang	PHYSICAL REVIEW D	2018	97	8	83012	http://dx.doi.org/10.1103/PhysRevD.97.083012
21	B-c(*)-meson production via the proton-nucleus and the nucleus-nucleus collision modes at the colliders RHIC and LHC	Chen, Gu; Chang, Chao-Hsi; Wu, Xing-Gang	PHYSICAL REVIEW D	2018	97	11	114022	http://dx.doi.org/10.1103/PhysRevD.97.114022
22	B-decay anomalies and scalar leptiquarks in unified Pati-Salam models from noncommutative geometry	Aydemir, Ufuk; Minic, Djordje; Sun, Chen; Takeuchi, Tatsu	JOURNAL OF HIGH ENERGY PHYSICS	2018		9	117	http://dx.doi.org/10.1007/JHEP09(2018)117

23	Black holes in massive gravity as heat engines	Hendi, S. H.; Panah, B. Eslam; Panahiyan, S.; Liu, H.; Meng, X. -H.	PHYSICS LETTERS B	2018	781		40-47	http://dx.doi.org/10.1016/j.physletb.2018.03.072
24	Bounds on Higgs and top quark masses from vacuum stability (degeneracy) with gravitational contributions	Li, Zhuang; Liu, Guo-Li; Wang, Fei; Wang, Lin	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2018	61	9	91011	http://dx.doi.org/10.1007/s11433-017-9179-1
25	Calculation of dissociation temperature of quarkonium using Gaussian Expansion Method	Meng, Qi; Wu, Qian; Cheng, Peng; Ping, Jialun; Zong, Hongshi	CHINESE PHYSICS C	2018	42	8	83103	http://dx.doi.org/10.1088/1674-1137/42/8/083103
26	CHAM: a fast algorithm of modelling non-linear matter power spectrum in the sCReened HALo Model	Hu, Bin; Liu, Xue-Wen; Cai, Rong-Gen	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018	476	1	L65-L68	http://dx.doi.org/10.1093/mnras/sly032
27	Charged lepton flavour violation: An experimental and theoretical introduction	Calibbi, Lorenzo; Signorelli, Giovanni	RIVISTA DEL NUOVO CIMENTO	2018	41	2	71-174	http://dx.doi.org/10.1393/ncr/i2018-10144-0
28	Chiral crossover transition in a finite volume	Shi, Chao; Jia, Wenbao; Sun, An; Zhang, Liping; Zong, Hongshi	CHINESE PHYSICS C	2018	42	2	23101	http://dx.doi.org/10.1088/1674-1137/42/2/023101
29	Chiral phase diagram of strongly interacting matter at finite volume	Shi, Chao; Xia, Yonghui; Jia, WenBao; Zong, HongShi	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2018	61	8	82021	http://dx.doi.org/10.1007/s11433-017-9177-4
30	Chiral phase transition with 2+1 quark flavors in an improved soft-wall AdS/QCD model	Fang, Zhen; Wu, Yue-Liang; Zhang, Lin	PHYSICAL REVIEW D	2018	98	11	114003	http://dx.doi.org/10.1103/PhysRevD.98.114003
31	Coefficient of performance and its bounds of minimally nonlinear irreversible refrigerator at arbitrary optimal value	Zhang, Min; Liu, Qin; He, Jizhou; Wang, Jianhui	MODERN PHYSICS LETTERS B	2018	32	20	1850232	http://dx.doi.org/10.1142/S0217984918502329
32	Coherent Optomechanical Switch for Motion Transduction Based on Dynamically Localized Mechanical Modes	Fu, Hao; Gong, Zhi-cheng; Yang, Liping; Mao, Tian-hua; Sun, Changpu; Yi, Su; Li, Yong; Cao, Geng-yu	PHYSICAL REVIEW APPLIED	2018	9	5	54024	http://dx.doi.org/10.1103/PhysRevApplied.9.054024
33	Collective diffusion and quantum chaos in holography	Wu, Shao-Feng; Wang, Bin; Ge, Xian-Hui; Tian, Yu	PHYSICAL REVIEW D	2018	97	10	106018	http://dx.doi.org/10.1103/PhysRevD.97.106018
34	Comment on Hearing the signal of dark sectors with gravitational wave detectors	Huang, Da; Lu, Bo-Qiang	PHYSICAL REVIEW D	2018	97	6	68303	http://dx.doi.org/10.1103/PhysRevD.97.068303
35	Competing s-wave orders from Einstein-Gauss-Bonnet gravity	Li, Zhi-Hong; Fu, Yun-Chang; Nie, Zhang-Yu	PHYSICS LETTERS B	2018	776		115-123	http://dx.doi.org/10.1016/j.physletb.2017.11.031
36	Compressed Sensing by Shortest-Solution Guided Decimation	Shen, Mutian; Zhang, Pan; Zhou, Hai-Jun	IEEE ACCESS	2018	6		5564-5572	http://dx.doi.org/10.1109/ACCESS.2018.2794522
37	Concentration-of-Measure Theory for Structures and Fluctuations of Waves	Fang, Ping; Zhao, Liyi; Tian, Chushun	PHYSICAL REVIEW LETTERS	2018	121	14	140603	http://dx.doi.org/10.1103/PhysRevLett.121.140603
38	Constraints on the hybrid equation of state with a crossover hadron-quark phase transition in the light of GW170817	Li, Cheng-Ming; Yan, Yan; Geng, Jin-Jun; Huang, Yong-Feng; Zong, Hong-Shi	PHYSICAL REVIEW D	2018	98	8	83013	http://dx.doi.org/10.1103/PhysRevD.98.083013
39	Constraints on the Primordial Black Hole Abundance from the First Advanced LIGO Observation Run Using the Stochastic Gravitational-Wave Background	Wang, Sai; Wang, Yi-Fan; Huang, Qing-Guo; Li, Tjonnje G. F.	PHYSICAL REVIEW LETTERS	2018	120	19	191102	http://dx.doi.org/10.1103/PhysRevLett.120.191102
40	Constraints on the Sommerfeld-enhanced dark matter annihilation from the gamma rays of subhalos and dwarf galaxies	Lu, Bo-Qiang; Wu, Yue-Liang; Zhang, Wei-Hong; Zhou, Yu-Feng	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2018		4	35	http://dx.doi.org/10.1088/1475-7516/2018/04/035
41	Controllable dissipation of a qubit coupled to an engineering reservoir	Shen, H. Z.; Xu, Shuang; Yi, Su; Yi, X. X.	PHYSICAL REVIEW A	2018	98	6	62106	http://dx.doi.org/10.1103/PhysRevA.98.062106
42	Correlation and scaling behaviors of fine particulate matter (PM2.5) concentration in China	Zhang, Yongwen; Chen, Dean; Fan, Jingfang; Havlin, Shlomo; Chen, Xiaosong	EPL	2018	122	5	58003	http://dx.doi.org/10.1209/0295-5075/122/58003
43	Correlation-compressed direct-coupling analysis	Gao, Chen-Yi; Zhou, Hai-Jun; Aurell, Erik	PHYSICAL REVIEW E	2018	98	3	32407	http://dx.doi.org/10.1103/PhysRevE.98.032407
44	Cosmological Model Independent Time Delay method	Zhang, Yi; Liu, Xuwen; Qi, Jingzhao; Zhang, Hongsheng	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2018		8	27	http://dx.doi.org/10.1088/1475-7516/2018/08/027
45	Decay behavior of the strange and beauty partners of P-c hadronic molecules	Lin, Yong-Hui; Shen, Chao-Wei; Zou, Bing-Song	NUCLEAR PHYSICS A	2018	980		21-31	http://dx.doi.org/10.1016/j.nuclphysa.2018.10.001
46	Decay width of hadronic molecule structure for quarks	Chen, Xiaozhao; Lu, Xiaofu	PHYSICAL REVIEW D	2018	97	11	114005	http://dx.doi.org/10.1103/PhysRevD.97.114005
47	Deep learning for R-parity violating supersymmetry searches at the LHC	Guo, Jun; Li, Jinmian; Li, Tianjun; Xu, Fangzhou; Zhang, Wenxing	PHYSICAL REVIEW D	2018	98	7	76017	http://dx.doi.org/10.1103/PhysRevD.98.076017
48	Deformation theory of polymersome magneto-valves	Deng, Yun-Xin; Liu, Yue; Shu, Yao-Gen; Ou-Yang, Zhong-Can	EPL	2018	123	6	68002	http://dx.doi.org/10.1209/0295-5075/123/68002
49	Detecting the neutrinos mass hierarchy from cosmological data	Xu, LiXin; Huang, Qing-Guo	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2018	61	3	39521	http://dx.doi.org/10.1007/s11433-017-9125-0
50	Diagnosing holographic type dark energy models with the Statefinder hierarchy, composite null diagnostic and w-w ' pair	Zhao, Ze; Wang, Shuang	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2018	61	3	39811	http://dx.doi.org/10.1007/s11433-017-9111-4
51	Direct detection of axion-like particles in Bismuth-based topological insulators	Liang, Tairan; Zhu, Bin; Ding, Ran; Li, Tianjun	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2018	33	23	1850135	http://dx.doi.org/10.1142/S0217751X1850135X

52	Direct Urca Processes Involving Proton S-1(0) Superfluidity in Neutron Star Cooling	Xu, Yan; Yu, Zi; Zhang, Xiao-Jun; Fan, Cun-Bo; Liu, Guang-Zhou; Zhao, En-Guang; Huang, Xiu-Lin; Liu, Cheng-Zhi	COMMUNICATIONS IN THEORETICAL PHYSICS	2018	69	4	425-433	http://dx.doi.org/10.1088/0253-6102/69/4/425
53	Discussion of thermodynamic features within the PNJL model	Zhang, Jin-Li; Li, Cheng-Ming; Zong, Hong-Shi	CHINESE PHYSICS C	2018	42	12	123105	http://dx.doi.org/10.1088/1674-1137/42/12/123105
54	Disentangling the role of the Y(4260) in e ⁽⁺⁾ e ⁽⁻⁾ degrees → D [*] D [*] and D-s [*] D-s [*] via line shape studies	Xue, Si-Run; Jing, Hao-Jie; Guo, Feng-Kun; Zhao, Qiang	PHYSICS LETTERS B	2018	779		402-408	http://dx.doi.org/10.1016/j.physletb.2018.02.027
55	Dynamic heterogeneity in aqueous ionic solutions	Ren, Gan; Chen, Lin; Wang, Yanting	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2018	20	33	21313-21324	http://dx.doi.org/10.1039/c8cp02787k
56	Editorial	Ouyang, Z. -C.; Liu, X. Y.	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2018	32	18	1802002	http://dx.doi.org/10.1142/S0217979218020022
57	Effect of the dilaton on holographic complexity growth	An, Yu-Sen; Peng, Rong-Hui	PHYSICAL REVIEW D	2018	97	6	66022	http://dx.doi.org/10.1103/PhysRevD.97.066022
58	Effective many-body Hamiltonians of qubit-photon bound states	Shi, T.; Wu, Y-H; Gonzalez-Tudela, A.; Cirac, J.; I	NEW JOURNAL OF PHYSICS	2018	20		105005	http://dx.doi.org/10.1088/1367-2630/aae4a9
59	Efficiency of collective myosin II motors studied with an elastic coupling power-stroke ratchet model	Wang, Zi-Qing; Li, Jin-Fang; Xia, Ying-Ge; Wang, Guo-Dong; Shu, Yao-Gen	CHINESE PHYSICS B	2018	27	12	128701	http://dx.doi.org/10.1088/1674-1056/27/12/128701
60	Electromagnetic wave propagating along a space curve	Lai, Meng-Yun; Wang, Yong-Long; Liang, Guo-Hua; Wang, Fan; Zong, Hong-Shi	PHYSICAL REVIEW A	2018	97	3	33843	http://dx.doi.org/10.1103/PhysRevA.97.033843
61	Electron Correlations, Spin-Orbit Coupling, and Antiferromagnetic Anisotropy in Layered Perovskite Iridates Sr2IrO4	Zhou, Hao; Xu, Yuan-Yuan; Zhou, Sen	COMMUNICATIONS IN THEORETICAL PHYSICS	2018	70	1	81-88	http://dx.doi.org/10.1088/0253-6102/70/1/81
62	Electron flavored dark matter	Chao, Wei; Guo, Huai-Ke; Li, Hao-Lin; Shu, Jing	PHYSICS LETTERS B	2018	782		517-522	http://dx.doi.org/10.1016/j.physletb.2018.05.075
63	Embedding the modified CYBE in supergravity	Araujo, Thiago; Colgain, Eoin O.; Yavartanoo, Hossein	EUROPEAN PHYSICAL JOURNAL C	2018	78	10	854	http://dx.doi.org/10.1140/epjc/s10052-018-6335-6
64	Emergent dark matter in late time universe on holographic screen	Cai, Rong-Gen; Sun, Sichun; Zhang, Yun-Long	JOURNAL OF HIGH ENERGY PHYSICS	2018		10	9	http://dx.doi.org/10.1007/JHEP10(2018)009
65	Energy budget of cosmological first-order phase transition in FLRWbackground	Cai, Rong-Gen; Wang, Shao-Jiang	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2018	61	8	80411	http://dx.doi.org/10.1007/s11433-018-9216-7
66	Enhanced nonlinear interaction effects in a four-mode optomechanical ring	Jin, Li-Jing; Qiu, Jing; Chesi, Stefano; Wang, Ying-Dan	PHYSICAL REVIEW A	2018	98	3	33836	http://dx.doi.org/10.1103/PhysRevA.98.033836
67	Entropy Inflection and Invisible Low-Energy States: Defensive Alliance Example	Xu, Yi-Zhi; Yeung, Chi Ho; Zhou, Hai-Jun; Saad, David	PHYSICAL REVIEW LETTERS	2018	121	21	210602	http://dx.doi.org/10.1103/PhysRevLett.121.210602
68	eta' → eta pi pi decays in unitarized resonance chiral theory	Gonzalez-Solis, Sergi; Passemar, Emilie	EUROPEAN PHYSICAL JOURNAL C	2018	78	9	758	http://dx.doi.org/10.1140/epjc/s10052-018-6238-6
69	eta(c) and J/psi-isoscalar meson bound states in the hadro-charmonium picture	Ferretti, J.	PHYSICS LETTERS B	2018	782		702-706	http://dx.doi.org/10.1016/j.physletb.2018.06.032
70	Evaluating Feynman integrals by the hypergeometry	Feng, Tai-Fu; Chang, Chao-Hsi; Chen, Jian-Bin; Gu, Zhi-Hua; Zhang, Hai-Bin	NUCLEAR PHYSICS B	2018	927		516-549	http://dx.doi.org/10.1016/j.nuclphysb.2018.01.001
71	Experimental Observation of a Time-Driven Phase Transition in Quantum Chaos	Hainaut, Clement; Fang, Ping; Rancon, Adam; Clement, Jean-Francois; Szriftgiser, Pascal; Garreau, Jean-Claude; Tian, Chushun; Chicreanu, Radu	PHYSICAL REVIEW LETTERS	2018	121	13	134101	http://dx.doi.org/10.1103/PhysRevLett.121.134101
72	Explaining DAMPE results by dark matter with hierarchical lepton-specific Yukawa interactions	Liu, Guoli; Wang, Fei; Wang, Wenyu; Yang, Jin-Min	CHINESE PHYSICS C	2018	42	3	35101	http://dx.doi.org/10.1088/1674-1137/42/3/035101
73	Exploratory study of possible resonances in heavy meson - heavy baryon coupled-channel interactions	Shen, Chao-Wei; Roenchen, Deborah; Meissner, Ulf-G.; Zou, Bing-Song	CHINESE PHYSICS C	2018	42	2	23106	http://dx.doi.org/10.1088/1674-1137/42/2/023106
74	Exploring extended scalar sectors with di-Higgs signals: a Higgs EFT perspective	Corbett, Tyler; Joglekar, Aniket; Li, Hao-Lin; Yu, Jiang-Hao	JOURNAL OF HIGH ENERGY PHYSICS	2018		5	61	http://dx.doi.org/10.1007/JHEP05(2018)061
75	Exploring inert dark matter blind spots with gravitational wave signatures	Huang, Fa Peng; Yu, Jiang-Hao	PHYSICAL REVIEW D	2018	98	9	95022	http://dx.doi.org/10.1103/PhysRevD.98.095022
76	Exploring the anisotropic Kondo model in and out of equilibrium with alkaline-earth atoms	Kanasz-Nagy, Marton; Ashida, Yuto; Shi, Tao; Moca, Catalin Pascu; Ikeda, Tatsuhiko N.; Folling, Simon; Cirac, J. Ignacio; Zand, Gergely; Demler, Eugene A.	PHYSICAL REVIEW B	2018	97	15	155156	http://dx.doi.org/10.1103/PhysRevB.97.155156
77	Extreme Kerr black hole microstates with horizon fluff	Hajian, K.; Sheikh-Jabbari, M. M.; Yavartanoo, H.	PHYSICAL REVIEW D	2018	98	2	26025	http://dx.doi.org/10.1103/PhysRevD.98.026025
78	Fast spinning strings on eta deformed AdS(5) x S-5	Banerjee, Aritra; Bhattacharyya, Arpan; Roychowdhury, Dibakar	JOURNAL OF HIGH ENERGY PHYSICS	2018		2	35	http://dx.doi.org/10.1007/JHEP02(2018)035
79	Finite-size scaling of clique percolation on two-dimensional Moore lattices	Dong, Jia-Qi; Shen, Zhou; Zhang, Yongwen; Huang, Zi-Gang; Huang, Liang; Chen, Xiaosong	PHYSICAL REVIEW E	2018	97	5	52133	http://dx.doi.org/10.1103/PhysRevE.97.052133
80	Finite-size scaling of correlation functions in finite systems	Zhang, Xin; Hu, GaoKe; Zhang, YongWen; Li, XiaoTeng; Chen, XiaoSong	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2018	61	12	120511	http://dx.doi.org/10.1007/s11433-018-9266-x
81	Fission Barriers from a Multidimensionally Constrained Relativistic Mean Field Model	Lu, Bing-Nan; Zhao, Jie; Zhao, En-Guang; Zhou, Shan-Gui	FISSION AND PROPERTIES OF NEUTRON-RICH NUCLEI	2018			573-580	

82	Fixed-income securities: bibliometric review with network analysis	Yan, Yan; Liao, Zhewen; Chen, Xiaosong	SCIENTOMETRICS	2018	116	3	1615-1640	http://dx.doi.org/10.1007/s11192-018-2800-0
83	Flavor non-universal gauge interactions and anomalies in B-meson decays	Tang, Yong; Wu, Yue-Liang	CHINESE PHYSICS C	2018	42	3	33104	http://dx.doi.org/10.1088/1674-1137/42/3/033104
84	Future prospects of mass-degenerate Higgs bosons in the CP-conserving two-Higgs-doublet model	Bian, Ligong; Chen, Ning; Su, Wei; Wu, Yongcheng; Zhang, Yu	PHYSICAL REVIEW D	2018	97	11	115007	http://dx.doi.org/10.1103/PhysRevD.97.115007
85	Galactic cosmic-ray model in the light of AMS-02 nuclei data	Niu, Jia-Shu; Li, Tianjun	PHYSICAL REVIEW D	2018	97	2	23015	http://dx.doi.org/10.1103/PhysRevD.97.023015
86	Gauge invariance induced relations and the equivalence between distinct approaches to NLSM amplitudes	Du, Yi-Jian; Zhang, Yong	JOURNAL OF HIGH ENERGY PHYSICS	2018		7	177	http://dx.doi.org/10.1007/JHEP07(2018)177
87	General Component Analysis (GCA): A new approach to identify Chinese corporate bond market structures	Wang, Lei; Yan, Yan; Li, Xiaoteng; Chen, Xiaosong	PLOS ONE	2018	13	7	e0199500	http://dx.doi.org/10.1371/journal.pone.0199500
88	Generalized Lanczos method for systematic optimization of tensor network states	Huang, Rui-Zhen; Liao, Hai-Jun; Liu, Zhi-Yuan; Xie, Hai-Dong; Xie, Zhi-Yuan; Zhao, Hui-Hai; Chen, Jing; Xiang, Tao	CHINESE PHYSICS B	2018	27	7	70501	http://dx.doi.org/10.1088/1674-1056/27/7/070501
89	Geometric effects resulting from square and circular confinements for a particle constrained to a space curve	Wang, Yong-Long; Lai, Meng-Yun; Wang, Fan; Zong, Hong-Shi; Chen, Yan-Feng	PHYSICAL REVIEW A	2018	97	4	42108	http://dx.doi.org/10.1103/PhysRevA.97.042108
90	Global Estimates of Errors in Quantum Computation by the Feynman-Vernon Formalism	Aurell, Erik	JOURNAL OF STATISTICAL PHYSICS	2018	171	5	745-767	http://dx.doi.org/10.1007/s10955-018-2037-6
91	Glueball spectrum from N-f=2 lattice QCD study on anisotropic lattices	Sun, Wei; Gui, Long-Cheng; Chen, Ying; Gong, Ming; Liu, Chuan; Liu, Yu-Bin; Liu, Zhaofeng; Ma, Jian-Ping; Zhang, Jian-Bo	CHINESE PHYSICS C	2018	42	9	93103	http://dx.doi.org/10.1088/1674-1137/42/9/093103
92	Gluon Quasi-Parton-Distribution Functions from Lattice QCD	Fan, Zhou-You; Yang, Yi-Bo; Anthony, Adam; Lin, Huey-Wen; Liu, Keh-Fei	PHYSICAL REVIEW LETTERS	2018	121	24	242001	http://dx.doi.org/10.1103/PhysRevLett.121.242001
93	Gravitational radiation background from boson star binaries	Croon, Djuna; Gleiser, Marcelo; Mohapatra, Sonali; Sun, Chen	PHYSICS LETTERS B	2018	783		158-162	http://dx.doi.org/10.1016/j.physletb.2018.03.055
94	Gravitational wave as probe of superfluid dark matter	Cai, Rong-Gen; Liu, Tong-Bo; Wang, Shao-Jiang	PHYSICAL REVIEW D	2018	97	2	23027	http://dx.doi.org/10.1103/PhysRevD.97.023027
95	Gravitational Waves from Oscillons with Cuspy Potentials	Liu, Jing; Guo, Zong-Kuan; Cai, Rong-Gen; Shiu, Gary	PHYSICAL REVIEW LETTERS	2018	120	3	31301	http://dx.doi.org/10.1103/PhysRevLett.120.031301
96	Gravitational Waves, baryon asymmetry of the universe and electric dipole moment in the CP-violating NMSSM	Bian, Ligong; Guo, Huai-Ke; Shu, Jing	CHINESE PHYSICS C	2018	42	9	93106	http://dx.doi.org/10.1088/1674-1137/42/9/093106
97	Gravity and Spin Forces in Gravitational Quantum Field Theory	Wu, Yue-Liang; Zhang, Rui	COMMUNICATIONS IN THEORETICAL PHYSICS	2018	70	2	161-174	http://dx.doi.org/10.1088/0253-6102/70/2/161
98	GWs from S-stars Revolving Around SMBH at Sgr A	Cai, Rong-Gen; Liu, Tong-Bo; Wang, Shao-Jiang	COMMUNICATIONS IN THEORETICAL PHYSICS	2018	70	6	735-748	http://dx.doi.org/10.1088/0253-6102/70/6/735
99	Hadronic molecular assignment for the newly observed Omega* state	Lin, Yong-Hui; Zou, Bing-Song	PHYSICAL REVIEW D	2018	98	5	56013	http://dx.doi.org/10.1103/PhysRevD.98.056013
100	Hadronic molecules	Guo, Feng-Kun; Hanhart, Christoph; Meissner, Ulf-G.; Wang, Qian; Zhao, Qiang; Zou, Bing-Song	REVIEWS OF MODERN PHYSICS	2018	90	1	15004	http://dx.doi.org/10.1103/RevModPhys.90.015004
101	Hadronic production of the doubly charmed baryon via the proton-nucleus and the nucleus-nucleus collisions at the RHIC and LHC	Chen, Gu; Chang, Chao-Hsi; Wu, Xing-Gang	EUROPEAN PHYSICAL JOURNAL C	2018	78	10	801	http://dx.doi.org/10.1140/epjc/s10052-018-6283-1
102	Heavy-ion double-charge-exchange and its relation to neutrinoless double-beta decay	Santopinto, E.; Garcia-Tecocoatzl, H.; Vsevolodovna, R. I. Magana; Ferretti, J.	PHYSICAL REVIEW C	2018	98	6	61601	http://dx.doi.org/10.1103/PhysRevC.98.061601
103	Heavy-to-light scalar form factors from Muskhelishvili-Omnès dispersion relations	Yao, D.-L.; Fernandez-Soler, P.; Albaladejo, M.; Guo, F.-K.; Nieves, J.	EUROPEAN PHYSICAL JOURNAL C	2018	78	4	310	http://dx.doi.org/10.1140/epjc/s10052-018-5790-4
104	Hidden thermal structure in Fock space	Tian, Chushun; Yang, Kun; Fang, Ping; Zhou, Hai-Jun; Wang, Jiao	PHYSICAL REVIEW E	2018	98	6	60103	http://dx.doi.org/10.1103/PhysRevE.98.060103
105	Hidden-Charm Decays: An Elegant Probe for Internal Structure	Anwar, Muhammad Naeem; Zou, Bing-Song	PROCEEDINGS OF THE 21ST PARTICLES AND NUCLEI INTERNATIONAL CONFERENCE (PANIC 2017)	2018	46		UNSP 1860035	http://dx.doi.org/10.1142/S2010194518600352
106	Hidden-charm Pentaquark Production at e(+)e(-) Colliders	Li, Shi-Yuan; Liu, Yan-Rui; Liu, Yu-Nan; Si, Zong-Guo; Zhang, Xiao-Feng	COMMUNICATIONS IN THEORETICAL PHYSICS	2018	69	3	291-296	http://dx.doi.org/10.1088/0253-6102/69/3/291
107	Hidden-sector Spectroscopy with Gravitational Waves from Binary Neutron Stars	Croon, Djuna; Nelson, Ann E.; Sun, Chen; Walker, Devin G. E.; Xianyu, Zhong-Zhi	ASTROPHYSICAL JOURNAL LETTERS	2018	858	1	L2	http://dx.doi.org/10.3847/2041-8213/aabe76
108	Higgs exotic decays in general NMSSM with self-interacting dark matter	Wang, Wenyu; Zhang, Mengchao; Zhao, Jun	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2018	33	11	1841002	http://dx.doi.org/10.1142/S0217751X18410026
109	Higgs production at future e(+)e(-) colliders in the Georgi-Machacek model	Li, Bin; Han, Zhi-Long; Liao, Yi	JOURNAL OF HIGH ENERGY PHYSICS	2018		2	7	http://dx.doi.org/10.1007/JHEP02(2018)007

110	Higher derivative theories for interacting massless gravitons in Minkowski spacetime	Bai, Dong; Xing, Yu-Hang	NUCLEAR PHYSICS B	2018	932		15-28	http://dx.doi.org/10.1016/j.nuclphysb.2018.05.009
111	High-frequency tail of the radio-frequency spectrum in a unitary Fermi gas with particle-hole fluctuation	Ruan, Xiao-Xia; Wang, Fei; Gong, Hao; Wang, Zheng-Ling; Zong, Hong-Shi	MODERN PHYSICS LETTERS B	2018	32	24	1850280	http://dx.doi.org/10.1142/S0217984918502809
112	Holographic charged fluid with chiral electric separation effect	Bu, Yanyan; Cai, Rong-Gen; Yang, Qing; Zhang, Yun-Long	JOURNAL OF HIGH ENERGY PHYSICS	2018		9	83	http://dx.doi.org/10.1007/JHEP09(2018)083
113	Holographic RG flow of thermoelectric transport with momentum dissipation	Wu, Shao-Feng; Wang, Bin; Ge, Xian-Hui; Tian, Yu	PHYSICAL REVIEW D	2018	97	6	66029	http://dx.doi.org/10.1103/PhysRevD.97.066029
114	Hybrid anomaly and gravity mediation for electroweak supersymmetry	Zhu, Bin; Ding, Ran; Li, Tianjun	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2018	33	7	1850035	http://dx.doi.org/10.1142/S0217751X18500355
115	Hyperunified field theory and gravitational gauge-geometry duality	Wu, Yue-Liang	EUROPEAN PHYSICAL JOURNAL C	2018	78	1	28	http://dx.doi.org/10.1140/epjc/s10052-017-5504-3
116	Hyperunified field theory and Taiji program in space for GWD	Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2018	33	31	1844014	http://dx.doi.org/10.1142/S0217751X18440141
117	Implications of hidden gauged U(1) model for B anomalies	Fuyuto, Kaori; Li, Hao-Lin; Yu, Jiang-Hao	PHYSICAL REVIEW D	2018	97	11	115003	http://dx.doi.org/10.1103/PhysRevD.97.115003
118	Incorporating self-consistent single-particle potentials into the microscopic-macroscopic method	Adamian, G. G.; Malov, L. A.; Antonenko, N. V.; Lenske, H.; Wang, Kun; Zhou, Shan-Gui	EUROPEAN PHYSICAL JOURNAL A	2018	54	10	170	http://dx.doi.org/10.1140/epja/i2018-12603-6
119	Inflation from a no-scale supersymmetric SU(4)(C) x SU(2)(L) x SU(2)(R) model	Ahmed, Waqas; Karozas, Athanasios	PHYSICAL REVIEW D	2018	98	2	23538	http://dx.doi.org/10.1103/PhysRevD.98.023538
120	Inflation in gauge theory of gravity with local scaling symmetry and quantum induced symmetry breaking	Tang, Yong; Wu, Yue-Liang	PHYSICS LETTERS B	2018	784		163-168	http://dx.doi.org/10.1016/j.physletb.2018.07.048
121	Influence of the tensor force on the microscopic heavy-ion interaction potential	Guo, Lu; Godbey, K.; Umar, A. S.	PHYSICAL REVIEW C	2018	98	6	64607	http://dx.doi.org/10.1103/PhysRevC.98.064607
122	Inhomogeneous tensionless superstrings	Bagchi, Arjun; Banerjee, Aritra; Chakraborty, Shankhadeep; Parekh, Pulastya	JOURNAL OF HIGH ENERGY PHYSICS	2018		2	65	http://dx.doi.org/10.1007/JHEP02(2018)065
123	Inspiration from intersecting D-branes: general supersymmetry breaking soft terms in no-scale F-SU(5)	De Benedetti, Ron; Li, Chuang; Li, Tianjun; Lux, Adam; Maxin, James A.; Nanopoulos, Dimitri V.	EUROPEAN PHYSICAL JOURNAL C	2018	78	11	958	http://dx.doi.org/10.1140/epjc/s10052-018-6443-3
124	Interactions between vector mesons and dynamically generated resonances	Du, Meng-Lin; Guelmez, Dilege; Guo, Feng-Kun; Meissner, Ulf-G.; Wang, Qian	EUROPEAN PHYSICAL JOURNAL C	2018	78	12	988	http://dx.doi.org/10.1140/epjc/s10052-018-6475-8
125	Interpreting the R-K(*) anomaly in the colored Zee-Babu model	Guo, Shu-Yuan; Han, Zhi-Long; Li, Bin; Liao, Yi; Ma, Xiao-Dong	NUCLEAR PHYSICS B	2018	928		435-447	http://dx.doi.org/10.1016/j.nuclphysb.2018.01.024
126	Investigation of Ion-Solvent Interactions in Nonaqueous Electrolytes Using in Situ Liquid SIMS	Zhang, Yanyan; Su, Mao; Yu, Xiaofei; Zhou, Yufan; Wang, Jungang; Cao, Ruiguog; Xu, Wu; Wang, Chongmin; Baer, Donald R.; Borodin, Oleg; Xu, Kang; Wang, Yanting; Wang, Xue-Lin; Xu, Zhijie; Wang, Fuyi; Zhu, Zihua	ANALYTICAL CHEMISTRY	2018	90	5	3341-3348	http://dx.doi.org/10.1021/acs.analchem.7b04921
127	Isotopic trends of quasifission and fusion-fission in the reactions Ca-48+Pu-239,Pu-244	Guo, Lu; Shen, Caiwan; Yu, Chong; Wu, Zhenji	PHYSICAL REVIEW C	2018	98	6	64609	http://dx.doi.org/10.1103/PhysRevC.98.064609
128	Leptophilic dark matter in gauged U(1) L-e-L-mu model in light of DAMPE cosmic ray e(+) + e(-) excess	Duan, Guang Hua; He, Xiao-Gang; Wu, Lei; Yang, Jin Min	EUROPEAN PHYSICAL JOURNAL C	2018	78	4	323	http://dx.doi.org/10.1140/epjc/s10052-018-5805-1
129	Local structure can identify and quantify influential global spreaders in large scale social networks	Hu, Yanqing; Ji, Shengong; Jin, Yuliang; Feng, Ling; Stanley, H. Eugene; Havlin, Shlomo	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2018	115	29	7468-7472	http://dx.doi.org/10.1073/pnas.1710547115
130	Low scale composite Higgs model and 1.8 similar to 2 TeV diboson excess	Bian, Ligong; Liu, Da; Shu, Jing	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2018	33	11	1841007	http://dx.doi.org/10.1142/S0217751X18410075
131	Low-lying excitations of vortex lattices in condensates with anisotropic dipole-dipole interaction	Jia, Lijuan; Wang, An-Bang; Yi, Su	PHYSICAL REVIEW A	2018	97	4	43614	http://dx.doi.org/10.1103/PhysRevA.97.043614
132	Mass spectra of heavy mesons with instanton effects	Wu, Qian; Hiyama, Emiko; Kim, Hyun-Chul; Yakhshiev, Ulugbek; Zong, Hongshi	PROGRESS OF THEORETICAL AND EXPERIMENTAL PHYSICS	2018	2018	12	123D01	http://dx.doi.org/10.1093/ptep/pty135
133	Massive neutron stars and Lambda-hypernuclei in relativistic mean-field models	Sun, Ting-Ting; Xia, Cheng-Jun; Zhang, Shi-Sheng; Smith, M. S.	CHINESE PHYSICS C	2018	42	2	25101	http://dx.doi.org/10.1088/1674-1137/42/2/025101
134	Measuring the spectral running from cosmic microwave background and primordial black holes	Li, Jun; Huang, Qing-Guo	EUROPEAN PHYSICAL JOURNAL C	2018	78	11	980	http://dx.doi.org/10.1140/epjc/s10052-018-6471-z
135	Merger Rate Distribution of Primordial Black Hole Binaries	Chen, Zu-Cheng; Huang, Qing-Guo	ASTROPHYSICAL JOURNAL	2018	864	1	61	http://dx.doi.org/10.3847/1538-4357/aad6e2
136	Meson formation in mixed-dimensional t - J models	Grusdt, Fabian; Zhu, Zheng; Shi, Tao; Demler, Eugene	SCIPOST PHYSICS	2018	5	6	57	http://dx.doi.org/10.21468/SciPostPhys.5.6.057

137	Metastable State during Melting and Solid-Solid Phase Transition of $[C\&Tn\&ITMim][NO_3]$ ($\&ITn\&IT=4-12$) Ionic Liquids by Molecular Dynamics Simulation	Cao, Wudi; Wang, Yanting; Saielli, Giacomo	JOURNAL OF PHYSICAL CHEMISTRY B	2018	122	1	229-239	http://dx.doi.org/10.1021/acs.jpcc.7b09073
138	Minimal models for dark matter and the muon $g-2$ anomaly	Calibbi, Lorenzo; Ziegler, Robert; Zupan, Jure	JOURNAL OF HIGH ENERGY PHYSICS	2018		7	46	http://dx.doi.org/10.1007/JHEP07(2018)046
139	Model of vector leptoquarks in view of the B-physics anomalies	Calibbi, Lorenzo; Crivellin, Andreas; Li, Tianjun	PHYSICAL REVIEW D	2018	98	11	115002	http://dx.doi.org/10.1103/PhysRevD.98.115002
140	Momentum distribution and the universal contact of a unitary Fermi gas with particle-hole fluctuation	Ruan, Xiao-Xia; Gong, Hao; Wang, Zheng-Ling; Zong, Hong-Shi	MODERN PHYSICS LETTERS B	2018	32	21	1850249	http://dx.doi.org/10.1142/S0217984918502494
141	Natural Explanation for 21 cm Absorption Signals via Axion-Induced Cooling	Houston, Nick; Li, Chuang; Li, Tianjun; Yang, Qiaoli; Zhang, Xin	PHYSICAL REVIEW LETTERS	2018	121	11	111301	http://dx.doi.org/10.1103/PhysRevLett.121.111301
142	Naturalness and dark matter in a realistic intersecting D6-brane model	Ahmed, Waqas; Calibbi, Lorenzo; Li, Tianjun; Raza, Shabbar; Niu, Jia-Shu; Wang, Xiao-Chuan	JOURNAL OF HIGH ENERGY PHYSICS	2018		6	126	http://dx.doi.org/10.1007/JHEP06(2018)126
143	Naturalness, dark matter, and the muon anomalous magnetic moment in supersymmetric extensions of the standard model with a pseudo-Dirac gluino	Li, Chuang; Zhu, Bin; Li, Tianjun	NUCLEAR PHYSICS B	2018	927		255-273	http://dx.doi.org/10.1016/j.nuclphysb.2017.12.012
144	New BCJ representations for one-loop amplitudes in gauge theories and gravity	He, Song; Schlotterer, Oliver; Zhang, Yong	NUCLEAR PHYSICS B	2018	930		328-383	http://dx.doi.org/10.1016/j.nuclphysb.2018.03.003
145	New signals for vector-like down-type quark in $U(1)$ of E-6	Das, Kasinath; Li, Tianjun; Nandi, S.; Rai, Santosh Kumar	EUROPEAN PHYSICAL JOURNAL C	2018	78	1	35	http://dx.doi.org/10.1140/epjc/s10052-017-5495-0
146	New spectrum of negative-parity doubly charmed baryons: Possibility of two quasistable states	Yan, Mao-Jun; Liu, Xiao-Hai; Gonzalez-Solis, Sergi; Guo, Feng-Kun; Hanhart, Christoph; Meissner, Ulf-G.; Zou, Bing-Song	PHYSICAL REVIEW D	2018	98	9	91502	http://dx.doi.org/10.1103/PhysRevD.98.091502
147	NLO QCD corrections to $B-c(B-c^*)$ production around the Z pole at an e^+e^- collider	Zheng, XuChang; Chang, ChaoHsi; Feng, TaiFu; Pan, Zan	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2018	61	3	31012	http://dx.doi.org/10.1007/s11433-017-9121-3
148	NMSSM from alternative deflection in generalized deflected anomaly mediated SUSY breaking	Du, Xiaokang; Wang, Fei	EUROPEAN PHYSICAL JOURNAL C	2018	78	5	431	http://dx.doi.org/10.1140/epjc/s10052-018-5921-y
149	Nonergodic property of the space-time coupled CTRW: Dependence on the long-tailed property and correlation	Liu, Jian; Li, Baohe; Chen, Xiaosong	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2018	491		995-1000	http://dx.doi.org/10.1016/j.physa.2017.09.100
150	Non-Locality and Late-Time Cosmic Acceleration from an Ultraviolet Complete Theory	Narain, Gaurav; Li, Tianjun	UNIVERSE	2018	4	8	82	http://dx.doi.org/10.3390/universe4080082
151	Notes on scattering amplitudes as differential forms	He, Song; Zhang, Chi	JOURNAL OF HIGH ENERGY PHYSICS	2018		10	54	http://dx.doi.org/10.1007/JHEP10(2018)054
152	Novel Soft-Pion Theorem for Long-Range Nuclear Parity Violation	Feng, Xu; Guo, Feng-Kun; Seng, Chien-Yeah	PHYSICAL REVIEW LETTERS	2018	120	18	181801	http://dx.doi.org/10.1103/PhysRevLett.120.181801
153	Observation of Complex Time Structures in the Cosmic-Ray Electron and Positron Fluxes with the Alpha Magnetic Spectrometer on the International Space Station	Aguilar, M.; Cavazonza, L. Ali; Ambrosi, G.; Arruda, L.; Attig, N.; Aupetit, S.; Azzarello, P.; Bachlechner, A.; Barao, F.; Barrau, A.; Barrin, L.; Bartoloni, A.; Basara, L.; Bassegmez-du Pree, S.; Battarbee, M.; Battiston, R.; Becker, U.; Behlmann, M.; Beischer, B.; Berdugo, J.; Bertucci, B.; Bindel, K. F.; Bindi, V.; de Boer, W.; Bollweg, K.; Bonnard, V.; Borgia, B.; Boschini, M. J.; Bourquin, M.; Bueno, E. F.; Burger, J.; Cadoux, F.; Cai, X. D.; Capell, M.; Caroff, S.; Casaus, J.; Castellini, G.; Cervelli, F.; Chae, M. J.; Chang, Y. H.; Chen, A. I.; Chen, G. M.; Chen, H. S.; Chen, Y.; Cheng, L.; Chou, H. Y.; Choumilov, E.; Choutko, V.; Chung, C. H.; Clark, C.; Clavero, R.; Coignet, G.; Consolandi, C.; Contin, A.; Corti, C.; Creus, W.; Crispoltoni, M.; Cui, Z.; Dadzie, K.; Dai, Y. M.; Datta, A.; Delgado, C.; Della Torre, S.; Demirköz, M. B.; Derome, L.; Di Falco, S.; Dimiccoli, F.; Diaz, C.; von Doetinchem, P.; Dong, F.; Donnini, F.; Duranti, M.; D'Urso, D.; Egorov, A.; Eline, A.; Eronen, T.; Feng, J.; Fiandrini, E.; Fisher, P.; Formato, V.; Galaktionov, Y.; Gallucci, G.; Garcia-Lopez, R. J.; Gargiulo, C.; Gast, H.; Gebauer, I.;	PHYSICAL REVIEW LETTERS	2018	121	5	51102	http://dx.doi.org/10.1103/PhysRevLett.121.051102

154	Observation of Fine Time Structures in the Cosmic Proton and Helium Fluxes with the Alpha Magnetic Spectrometer on the International Space Station	Aguilar, M.; Cavazonza, L. Ali; Alpat, B.; Ambrosi, G.; Arruda, L.; Attig, N.; Aupetit, S.; Azzarello, P.; Bachlechner, A.; Barao, F.; Barrau, A.; Barrin, L.; Bartoloni, A.; Basara, L.; Basegmez-du Pree, S.; Battarbee, M.; Battiston, R.; Becker, U.; Behlmann, M.; Beischer, B.; Berdugo, J.; Bertucci, B.; Bindel, K. F.; Bindi, V.; de Boer, W.; Bollweg, K.; Bonnivard, V.; Borgia, B.; Boschini, M. J.; Bourquin, M.; Bueno, E. F.; Burger, J.; Cadoux, F.; Cai, X. D.; Capell, M.; Caroff, S.; Casaus, J.; Castellini, G.; Cervelli, F.; Chae, M. J.; Chang, Y. H.; Chen, A. I.; Chen, G. M.; Chen, H. S.; Chen, Y.; Cheng, L.; Chou, H. Y.; Choumilov, E.; Choutko, V.; Chung, C. H.; Clark, C.; Clavero, R.; Coignet, G.; Consolandi, C.; Contin, A.; Corti, C.; Creus, W.; Crispoltoni, M.; Cui, Z.; Dadzie, K.; Dai, Y. M.; Datta, A.; Delgado, C.; Della Torre, S.; Demirköz, M. B.; Derome, L.; Di Falco, S.; Dimiccoli, F.; Diaz, C.; von Doetinchem, P.; Dong, F.; Donnini, F.; Duranti, M.; D'Urso, D.; Egorov, A.; Eline, A.; Eronen, T.; Feng, J.; Fiandrini, E.; Fisher, P.; Formato, V.; Galaktionov, Y.; Gallucci, G.; Garcia-Lopez, R. J.; Gargiulo, C.; Gast, H.; Gebauer, I.;	PHYSICAL REVIEW LETTERS	2018	121	5	51101	http://dx.doi.org/10.1103/PhysRevLett.121.051101
155	Observation of New Properties of Secondary Cosmic Rays Lithium, Beryllium, and Boron by the Alpha Magnetic Spectrometer on the International Space Station	Aguilar, M.; Cavazonza, L. Ali; Ambrosi, G.; Arruda, L.; Attig, N.; Aupetit, S.; Azzarello, P.; Bachlechner, A.; Barao, F.; Barrau, A.; Barrin, L.; Bartoloni, A.; Basara, L.; Basegmez-du Pree, S.; Battarbee, M.; Battiston, R.; Becker, U.; Behlmann, M.; Beischer, B.; Berdugo, J.; Bertucci, B.; Bindel, K. F.; Bindi, V.; de Boer, W.; Bollweg, K.; Bonnivard, V.; Borgia, B.; Boschini, M. J.; Bourquin, M.; Bueno, E. F.; Burger, J.; Burger, W. J.; Cadoux, F.; Cai, X. D.; Capell, M.; Caroff, S.; Casaus, J.; Castellini, G.; Cervelli, F.; Chae, M. J.; Chang, Y. H.; Chen, A. I.; Chen, G. M.; Chen, H. S.; Cheng, L.; Chou, H. Y.; Choumilov, E.; Choutko, V.; Chung, C. H.; Clark, C.; Clavero, R.; Coignet, G.; Consolandi, C.; Contin, A.; Corti, C.; Creus, W.; Crispoltoni, M.; Cui, Z.; Dadzie, K.; Dai, Y. M.; Datta, A.; Delgado, C.; Della Torre, S.; Demirköz, M. B.; Derome, L.; Di Falco, S.; Dimiccoli, F.; Diaz, C.; von Doetinchem, P.; Dong, F.; Donnini, F.; Duranti, M.; D'Urso, D.; Egorov, A.; Eline, A.; Eronen, T.; Feng, J.; Fiandrini, E.; Fisher, P.; Formato, V.; Galaktionov, Y.; Gallucci, G.; Garcia-Lopez, R. J.; Gargiulo, C.; Gast, H.; Gebauer, I.;	PHYSICAL REVIEW LETTERS	2018	120	2	21101	http://dx.doi.org/10.1103/PhysRevLett.120.021101
156	On exact correlation functions of chiral ring operators in $2d N = (2,2)$ SCFTs via localization	Chen, Jin	JOURNAL OF HIGH ENERGY PHYSICS	2018		3	65	http://dx.doi.org/10.1007/JHEP03(2018)065
157	On multi-spin classical strings with NS-NS flux	Banerjee, Aritra; Biswas, Sagar; Panigrahi, Kamal L.	JOURNAL OF HIGH ENERGY PHYSICS	2018		8	53	http://dx.doi.org/10.1007/JHEP08(2018)053
158	One-loop corrections of single spin asymmetries in semi-inclusive DIS	Chen, A. P.; Ma, J. P.; Zhang, G. P.	PHYSICAL REVIEW D	2018	97	5	54003	http://dx.doi.org/10.1103/PhysRevD.97.054003
159	Open-flavor strong decays of open-charm and open-bottom mesons in the P-3(0) model	Ferretti, J.; Santopinto, E.	PHYSICAL REVIEW D	2018	97	11	114020	http://dx.doi.org/10.1103/PhysRevD.97.114020
160	Optimal Allocation of Bacterial Protein Resources under Nonlethal Protein Maturation Stress	Zhang, Qing; Li, Rui; Li, Junbai; Shi, Hualin	BIOPHYSICAL JOURNAL	2018	115	5	896-910	http://dx.doi.org/10.1016/j.bpj.2018.07.021
161	Orienting Thin Films of Lamellar Block Copolymer: The Combined Effect of Mobile Ions and Electric Field	Zheng, Bin; Man, Xingkun; Ou-Yang, Zhong-Can; Schick, M.; Andelman, David	MACROMOLECULES	2018	51	19	7881-7892	http://dx.doi.org/10.1021/acs.macromol.8b01506
162	Origins of sharp cosmic-ray electron structures and the DAMPE excess	Huang, Xian-Jun; Wu, Yue-Liang; Zhang, Wei-Hong; Zhou, Yu-Feng	PHYSICAL REVIEW D	2018	97	9	91701	http://dx.doi.org/10.1103/PhysRevD.97.091701
163	Oscillation Mode Variability in Evolved Compact Pulsators on Kepler Photometry. I. The Hot B Subdwarf Star KIC 3527751	Zong, Weikai; Charpinet, Stephane; Fu, Jian-Ning; Vaclair, Gerard; Niu, Jia-Shu; Su, Jie	ASTROPHYSICAL JOURNAL	2018	853	2	98	http://dx.doi.org/10.3847/1538-4357/aaa548

164	Particle Size Influence on the Effective Permeability of Composite Materials	Xiang, Tai; Zhong, Ru-Neng; Yao, Bin; Qin, Shao-Jing; Zheng, Qin-Hong	COMMUNICATIONS IN THEORETICAL PHYSICS	2018	69	5	598-604	http://dx.doi.org/10.1088/0253-6102/69/5/598
165	Parton distributions and $\cos^2 \phi(h)$ asymmetry induced by anomalous photon-quark coupling	Cao, Xu	PHYSICAL REVIEW D	2018	97	11	114010	http://dx.doi.org/10.1103/PhysRevD.97.114010
166	Perturbative Power Counting, Lowest-Index Operators and Their Renormalization in Standard Model Effective Field Theory	Liao, Yi; Ma, Xiao-Dong	COMMUNICATIONS IN THEORETICAL PHYSICS	2018	69	3	285-290	http://dx.doi.org/10.1088/0253-6102/69/3/285
167	Pfaffian diagrams for gluon tree amplitudes	Lam, C. S.	PHYSICAL REVIEW D	2018	98	7	76002	http://dx.doi.org/10.1103/PhysRevD.98.076002
168	Phenomenology of colored radiative neutrino mass model and its implications on cosmic-ray observations	Ding, Ran; Han, Zhi-Long; Huang, Li; Liao, Yi	CHINESE PHYSICS C	2018	42	10	103101	http://dx.doi.org/10.1088/1674-1137/42/10/103101
169	Photodetachment in a cavity: From rectangles to parallel plates	Zhao, H. J.; Du, M. L.	PHYSICA B-CONDENSED MATTER	2018	530		121-126	http://dx.doi.org/10.1016/j.physb.2017.10.109
170	Power-law modulation of the scalar power spectrum from a heavy field with a monomial potential	Huang, Qing-Guo; Pi, Shi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2018		4	1	http://dx.doi.org/10.1088/1475-7516/2018/04/001
171	Precision Measurement of Cosmic-Ray Nitrogen and its Primary and Secondary Components with the Alpha Magnetic Spectrometer on the International Space Station	Aguilar, M.; Cavasonza, L. Ali; Alpat, B.; Ambrosi, G.; Arruda, L.; Attig, N.; Aupetit, S.; Azzarello, P.; Bachlechner, A.; Barao, F.; Barrau, A.; Barrin, L.; Bartoloni, A.; Basara, L.; Bassegmez-du Pree, S.; Battarbee, M.; Battiston, R.; Becker, U.; Behlmann, M.; Beischer, B.; Berdugo, J.; Bertucci, B.; Bindel, K. F.; Bindi, V.; de Boer, W.; Bollweg, K.; Bonnard, V.; Borgia, B.; Boschini, M. J.; Bourquin, M.; Bueno, E. F.; Burger, J.; Burger, W. J.; Cai, X. D.; Capell, M.; Caroff, S.; Casaus, J.; Castellini, G.; Cervelli, F.; Chang, Y. H.; Chen, A. I.; Chen, G. M.; Chen, H. S.; Chen, Y.; Cheng, L.; Chou, H. Y.; Choumilov, E.; Choutko, V.; Chung, C. H.; Clark, C.; Clavero, R.; Coignet, G.; Consolandi, C.; Contin, A.; Corti, C.; Creus, W.; Crispoltoni, M.; Cui, Z.; Dadzie, K.; Dai, Y. M.; Datta, A.; Delgado, C.; Della Torre, S.; Demirköz, M. B.; Derome, L.; Di Falco, S.; Dimiccoli, F.; Diaz, C.; von Doetinchem, P.; Dong, F.; Donnini, F.; Duranti, M.; Egorov, A.; Eline, A.; Eronen, T.; Feng, J.; Fiandrini, E.; Fisher, P.; Formato, V.; Galaktionov, Y.; Gallucci, G.; Garcia-Lopez, R. J.; Gargiulo, C.; Gast, H.; Gebauer, I.; Gervasi, M.;	PHYSICAL REVIEW LETTERS	2018	121	5	51103	http://dx.doi.org/10.1103/PhysRevLett.121.051103
172	Primordial black hole production in inflationary models of supergravity with a single chiral superfield	Gao, Tie-Jun; Guo, Zong-Kuan	PHYSICAL REVIEW D	2018	98	6	63526	http://dx.doi.org/10.1103/PhysRevD.98.063526
173	Primordial perturbations with pre-inflationary bounce	Cai, Yong; Wang, Yu-Tong; Zhao, Jin-Yun; Piao, Yun-Song	PHYSICAL REVIEW D	2018	97	10	103535	http://dx.doi.org/10.1103/PhysRevD.97.103535
174	Probing analytical and numerical integrability: the curious case of $(\text{AdS}(5) \times S^5)$ (eta)	Banerjee, Aritra; Bhattacharyya, Arpan	JOURNAL OF HIGH ENERGY PHYSICS	2018		11	124	http://dx.doi.org/10.1007/JHEP11(2018)124
175	Probing bino-wino coannihilation dark matter below the neutrino floor at the LHC	Duan, Guang Hua; Hikasa, Ken-ichi; Ren, Jie; Wu, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2018	98	1	15010	http://dx.doi.org/10.1103/PhysRevD.98.015010
176	Probing cosmic anisotropy with gravitational waves as standard sirens	Cai, Rong-Gen; Liu, Tong-Bo; Liu, Xue-Wen; Wang, Shao-Jiang; Yang, Tao	PHYSICAL REVIEW D	2018	97	10	103005	http://dx.doi.org/10.1103/PhysRevD.97.103005
177	Probing GeV-scale MSSM neutralino dark matter in collider and direct detection experiments	Duan, Guang Hua; Wang, Wenyu; Wu, Lei; Yang, Jin Min; Zhao, Jun	PHYSICS LETTERS B	2018	778		296-302	http://dx.doi.org/10.1016/j.physletb.2018.01.030
178	Probing the dark matter-electron interactions via hydrogen-atmosphere pulsating white dwarfs	Niu, Jia-Shu; Li, Tianjun; Zong, Weikai; Xue, Hui-Fang; Wang, Yang	PHYSICAL REVIEW D	2018	98	10	103023	http://dx.doi.org/10.1103/PhysRevD.98.103023
179	Protection-against-water-attack determined difference between strengths of backbone hydrogen bonds in kinesin's neck zipper region	Qin, Jing-Yu; Geng, Yi-Zhao; Lu, Gang; Ji, Qing; Fang, Hai-Ping	CHINESE PHYSICS B	2018	27	2	28704	http://dx.doi.org/10.1088/1674-1056/27/2/028704
180	Proton Isovector Helicity Distribution on the Lattice at Physical Pion Mass	Lin, Huey-Wen; Chen, Jiunn-Wei; Ji, Xiangdong; Jin, Luchang; Li, Ruizhi; Liu, Yu-Sheng; Yang, Yi-Bo; Zhang, Jian-Hui; Zhao, Yong	PHYSICAL REVIEW LETTERS	2018	121	24	242003	http://dx.doi.org/10.1103/PhysRevLett.121.242003
181	Proton Mass Decomposition from the QCD Energy Momentum Tensor	Yang, Yi-Bo; Liang, Jian; Bi, Yu-Jiang; Chen, Ying; Draper, Terrence; Liu, Keh-Fei; Liu, Zhaofeng	PHYSICAL REVIEW LETTERS	2018	121	21	212001	http://dx.doi.org/10.1103/PhysRevLett.121.212001

182	Pseudo-magnetic-field and effective spin-orbit interaction for a spin-1/2 particle confined to a curved surface	Liang, Guo-Hua; Wang, Yong-Long; Lai, Meng-Yun; Liu, Hui; Zong, Hong-Shi; Zhu, Shi-Ning	PHYSICAL REVIEW A	2018	98	6	62112	http://dx.doi.org/10.1103/PhysRevA.98.062112
183	Quasi-particle density of states and bosonic modes in Bi2Sr2CaCu2O8+delta	Wang, Han-Ting; Tang, Hui; Su, Zhao-Bin	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	2018	555		54-59	http://dx.doi.org/10.1016/j.physc.2018.10.014
184	Recent Developments in Chiral Unitary Theory and Triangle Singularities Involving Baryons	Oset, E.; Bayar, M.; Aceti, F.; Guo, F. K.; Debastiani, V. R.; Sakai, S.; Wang, E.; Xie, J. J.; Liang, W. H.; Roca, L.; Samart, D.	FEW-BODY SYSTEMS	2018	59	5	85	http://dx.doi.org/10.1007/s00601-018-1407-6
185	Resilience of networks with community structure behaves as if under an external field	Dong, Gaogao; Fan, Jingfang; Shekhtman, Louis M.; Shai, Saray; Du, Ruijin; Tian, Lixin; Chen, Xiaosong; Stanley, H. Eugene; Havlin, Shlomo	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2018	115	27	6911-6915	http://dx.doi.org/10.1073/pnas.1801588115
186	Resonant production of Z' and signature of right-handed neutrinos within a 3-3-1 model	Freitas, F. F.; Pires, C. A. de S.; Vasconcelos, P.	PHYSICAL REVIEW D	2018	98	3	35005	http://dx.doi.org/10.1103/PhysRevD.98.035005
187	Revisiting heavy quark radiative energy loss in nuclei within the high-twist approach	Du, Yi-Lun; He, Yayun; Wang, Xin-Nian; Xing, Hongxi; Zong, Hong-Shi	PHYSICAL REVIEW D	2018	98	5	54015	http://dx.doi.org/10.1103/PhysRevD.98.054015
188	Robustness of the semimetal state of Na3Bi and Cd3As2 against Coulomb interactions	Xiao, Hai-Xiao; Wang, Jing-Rong; Liu, Guo-Zhu; Zong, Hong-Shi	PHYSICAL REVIEW B	2018	97	15	155122	http://dx.doi.org/10.1103/PhysRevB.97.155122
189	Rotating traversable wormholes in AdS	Caceres, Elena; Misobuchi, Anderson Seigo; Xiao, Ming-Lei	JOURNAL OF HIGH ENERGY PHYSICS	2018		12	5	http://dx.doi.org/10.1007/JHEP12(2018)005
190	Scalar CFTs and their large N limits	Rong, Junchen; Su, Ning	JOURNAL OF HIGH ENERGY PHYSICS	2018		9	103	http://dx.doi.org/10.1007/JHEP09(2018)103
191	Scalar fields on pAdS	Qu, Feng; Gao, Yi-hong	PHYSICS LETTERS B	2018	786		165-170	http://dx.doi.org/10.1016/j.physletb.2018.09.043
192	Scalaron from R-2-gravity as a heavy field	Pi, Shi; Zhang, Ying-li; Huang, Qing-Guo; Sasaki, Misao	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2018		5	42	http://dx.doi.org/10.1088/1475-7516/2018/05/042
193	Scaled particle theory for bulk and confined fluids: A review	Dong, Wei; Chen, XiaoSong	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2018	61	7	70501	http://dx.doi.org/10.1007/s11433-017-9165-y
194	Scattering forms and the positive geometry of kinematics, color and the worldsheet	Arkani-Hamed, Nima; Bai, Yuntao; He, Song; Yan, Gongwang	JOURNAL OF HIGH ENERGY PHYSICS	2018		5	96	http://dx.doi.org/10.1007/JHEP05(2018)096
195	Scattering forms, worldsheet forms and amplitudes from subspaces	He, Song; Yan, Gongwang; Zhang, Chi; Zhang, Yong	JOURNAL OF HIGH ENERGY PHYSICS	2018		8	40	http://dx.doi.org/10.1007/JHEP08(2018)040
196	Search for the vectorlike leptons in the U(1)(X) model inspired by the B-meson decay anomalies	Xu, Fang-Zhou; Zhang, Wenxing; Li, Jinmian; Li, Tianjun	PHYSICAL REVIEW D	2018	98	11	115033	http://dx.doi.org/10.1103/PhysRevD.98.115033
197	Search for W' signal in single top quark production at the LHC	Huang, Fei; Li, Hong-Lei; Li, Shi-Yuan; Si, Zong-Guo; Su, Wei; Yang, Zhong-Juan	CHINESE PHYSICS C	2018	42	3	33103	http://dx.doi.org/10.1088/1674-1137/42/3/033103
198	Sensitivity of primordial black hole abundance on the reheating phase	Cai, Rong-Gen; Liu, Tong-Bo; Wang, Shao-Jiang	PHYSICAL REVIEW D	2018	98	4	43538	http://dx.doi.org/10.1103/PhysRevD.98.043538
199	Shrunk halo and quenched shell gap at N=16 in C-22: Inversion of sd states and deformation effects	Sun, Xiang-Xiang; Zhao, Jie; Zhou, Shan-Gui	PHYSICS LETTERS B	2018	785		530-535	http://dx.doi.org/10.1016/j.physletb.2018.08.071
200	Signatures of modified dispersion relation of graviton in the cosmic microwave background	Li, Jun; Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2018		2	20	http://dx.doi.org/10.1088/1475-7516/2018/02/020
201	Signs and stability in higher-derivative gravity	Narain, Gaurav	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2018	33	4	1850031	http://dx.doi.org/10.1142/S0217751X18500318
202	Simplified TeV leptophilic dark matter in light of DAMPE data	Duan, Guang Hua; Feng, Lei; Wang, Fei; Wu, Lei; Yang, Jin Min; Zheng, Rui	JOURNAL OF HIGH ENERGY PHYSICS	2018		2	107	http://dx.doi.org/10.1007/JHEP02(2018)107
203	Singlet-Doublet dark matter freeze-in: LHC displaced signatures versus cosmology	Calibbi, Lorenzo; Lopez-Honorez, Laura; Lowette, Steven; Mariotti, Alberto	JOURNAL OF HIGH ENERGY PHYSICS	2018		9	37	http://dx.doi.org/10.1007/JHEP09(2018)037
204	Solving Quantum Impurity Problems in and out of Equilibrium with the Variational Approach	Ashida, Yuto; Shi, Tao; Banuls, Mari Carmen; Cirac, J. Ignacio; Demler, Eugene	PHYSICAL REVIEW LETTERS	2018	121	2	26805	http://dx.doi.org/10.1103/PhysRevLett.121.026805
205	Solving the muon g-2 anomaly in CMSSM extension with non-universal gaugino masses	Wang, Fei; Wang, Kun; Yang, Jin Min; Zhu, Jingya	JOURNAL OF HIGH ENERGY PHYSICS	2018		12	41	http://dx.doi.org/10.1007/JHEP12(2018)041
206	Special Topic: The Impact of DAMPE Results on Dark Matter Indirect Searches	Wu, YueLiang; Cai, RongGen; Zhou, YuFeng	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2018	61	10	101001	http://dx.doi.org/10.1007/s11433-018-9275-5
207	Spectroscopy and decays of the fully-heavy tetraquarks	Anwar, Muhammad Naeem; Ferretti, Jacopo; Guo, Feng-Kun; Santopinto, Elena; Zou, Bing-Song	EUROPEAN PHYSICAL JOURNAL C	2018	78	8	647	http://dx.doi.org/10.1140/epjc/s10052-018-6073-9
208	Spectroscopy of the hidden-charm [qc] [(q)over-bar (c)over-bar] and [sc] [(s)over-bar (c)over-bar] tetraquarks in the relativized diquark model	Anwar, Muhammad Naeem; Ferretti, Jacopo; Santopinto, Elena	PHYSICAL REVIEW D	2018	98	9	94015	http://dx.doi.org/10.1103/PhysRevD.98.094015
209	Spin-orbit-coupled Bose-Einstein condensates of rotating polar molecules	Deng, Y.; You, L.; Yi, S.	PHYSICAL REVIEW A	2018	97	5	53609	http://dx.doi.org/10.1103/PhysRevA.97.053609

210	Standard model effective field theory: Integrating out neutralinos and charginos in the MSSM	Han, Huayong; Huo, Ran; Jiang, Minyuan; Shu, Jing	PHYSICAL REVIEW D	2018	97	9	95003	http://dx.doi.org/10.1103/PhysRevD.97.095003
211	Stationary solutions from the large D membrane paradigm	Mandlik, Mangesh; Thakur, Somyadip	JOURNAL OF HIGH ENERGY PHYSICS	2018		11	26	http://dx.doi.org/10.1007/JHEP11(2018)026
212	Status of natural supersymmetry from the generalized minimal supergravity in light of the current LHC run-2 and LUX data	Ahmed, Waqas; Bi, Xiao-Jun; Li, Tianjun; Niu, Jia-Shu; Raza, Shabbar; Xiang, Qian-Fei; Yin, Peng-Fei	PHYSICAL REVIEW D	2018	98	1	15040	http://dx.doi.org/10.1103/PhysRevD.98.015040
213	Strong decays of D-J(3000) and D-sJ(3040)	Li, Si-Chen; Wang, Tianhong; Jiang, Yue; Tan, Xiao-Ze; Li, Qiang; Wang, Guo-Li; Chang, Chao-Hsi	PHYSICAL REVIEW D	2018	97	5	54002	http://dx.doi.org/10.1103/PhysRevD.97.054002
214	Strong decays of P-wave mixing heavy-light 1(+) states	Wang, Zhi-Hui; Zhang, Yi; Wang, Tian-Hong; Jiang, Yue; Li, Qiang; Wang, Guo-Li	CHINESE PHYSICS C	2018	42	12	123101	http://dx.doi.org/10.1088/1674-1137/42/12/123101
215	Strong decays of the orbitally excited scalar D-0* mesons	Tan, Xiao-Ze; Wang, Tianhong; Jiang, Yue; Li, Si-Chen; Li, Qiang; Wang, Guo-Li; Chang, Chao-Hsi	EUROPEAN PHYSICAL JOURNAL C	2018	78	7	583	http://dx.doi.org/10.1140/epjc/s10052-018-6054-z
216	Structural resilience of spatial networks with inter-links behaving as an external field	Fan, Jingfang; Dong, Gaogao; Shekhtman, Louis M.; Zhou, Dong; Meng, Jun; Chen, Xiaosong; Havlin, Shlomo	NEW JOURNAL OF PHYSICS	2018	20		93003	http://dx.doi.org/10.1088/1367-2630/aadceb
217	Studies of the structure of massive hybrid stars within a modified NJL model	Li, Cheng-Ming; Zhang, Jin-Li; Yan, Yan; Huang, Yong-Feng; Zong, Hong-Shi	PHYSICAL REVIEW D	2018	97	10	103013	http://dx.doi.org/10.1103/PhysRevD.97.103013
218	Study of B -> pi l nu(l) and B+ -> eta(())(+)nu(l) decays and determination of vertical bar V-ub vertical bar	Gonzalez-Solis, Sergi; Masjuan, Pere	PHYSICAL REVIEW D	2018	98	3	34027	http://dx.doi.org/10.1103/PhysRevD.98.034027
219	Super-Eddington accreting massive black holes explore high-z cosmology: Monte-Carlo simulations	Cai, Rong-Gen; Guo, Zong-Kuan; Huang, Qing-Guo; Yang, Tao	PHYSICAL REVIEW D	2018	97	12	123502	http://dx.doi.org/10.1103/PhysRevD.97.123502
220	Surface properties of neutron-rich exotic nuclei within relativistic mean field formalisms	Bhuyan, M.; Carlson, B. V.; Patra, S. K.; Zhou, Shan-Gui	PHYSICAL REVIEW C	2018	97	2	24322	http://dx.doi.org/10.1103/PhysRevC.97.024322
221	Template-based and free modeling of I-TASSER and QUARK pipelines using predicted contact maps in CASP12	Zhang, Chengxin; Mortuza, S. M.; He, Baoji; Wang, Yanting; Zhang, Yang	PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS	2018	86		136-151	http://dx.doi.org/10.1002/prot.25414
222	Tensor network and (p-adic) AdS/CFT	Bhattacharyya, Arpan; Hung, Ling-Yan; Lei, Yang; Li, Wei	JOURNAL OF HIGH ENERGY PHYSICS	2018		1	139	http://dx.doi.org/10.1007/JHEP01(2018)139
223	The Higgs properties in the MSSM after the LHC Run-2	Zhao, Jun	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2018	33	11	1841001	http://dx.doi.org/10.1142/S0217751X18410014
224	The mechanism of earthquake	Lu, Kunquan; Cao, Zexian; Hou, Meiyong; Jiang, Zehui; Shen, Rong; Wang, Qiang; Sun, Gang; Liu, Jixing	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2018	32	7	1850080	http://dx.doi.org/10.1142/S0217979218500807
225	The minimal GUT with inflaton and dark matter unification	Chen, Heng-Yu; Gogoladze, Ilia; Hu, Shan; Li, Tianjun; Wu, Lina	EUROPEAN PHYSICAL JOURNAL C	2018	78	1	26	http://dx.doi.org/10.1140/epjc/s10052-017-5496-z
226	The Parallel Performance Optimization of The MS-CG Method	Wang, Ting; Xu, Jin; Wang, Yanting; Cao, Wudi; He, Baoji	PROCEEDINGS OF 2018 7TH INTERNATIONAL CONFERENCE ON SOFTWARE AND COMPUTER APPLICATIONS (ICSCA 2018)	2018			72-76	http://dx.doi.org/10.1145/3185089.3185129
227	The pressure and entropy of a unitary Fermi gas with particle-hole fluctuation	Gong, Hao; Ruan, Xiao-Xia; Zong, Hong-Shi	MODERN PHYSICS LETTERS B	2018	32	1	1750364	http://dx.doi.org/10.1142/S021798491750364X
228	The Sudakov form factor at four loops in maximal super Yang-Mills theory	Boels, Rutger H.; Huber, Tobias; Yang, Gang	JOURNAL OF HIGH ENERGY PHYSICS	2018		1	153	http://dx.doi.org/10.1007/JHEP01(2018)153
229	The supersymmetric affine Yangian	Gaberdiel, Matthias R.; Li, Wei; Peng, Cheng; Zhang, Hong	JOURNAL OF HIGH ENERGY PHYSICS	2018		5	200	http://dx.doi.org/10.1007/JHEP05(2018)200
230	Theoretical studies of the effects of a transverse magnetic field in photodetachment microscopy	Chen, X. J.; Timbo, K.; Du, M. L.	EPL	2018	123	3	30008	http://dx.doi.org/10.1209/0295-5075/123/30008
231	Theoretical study of the capture of stable K-39 and neutron-rich radioactive K-46 by Ta-181	Wang, Bing; Zhao, Wei-Juan; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW C	2018	98	1	14615	http://dx.doi.org/10.1103/PhysRevC.98.014615
232	Theta in new QCD-like sectors	Draper, Patrick; Kozaczuk, Jonathan; Yu, Jiang-Hao	PHYSICAL REVIEW D	2018	98	1	15028	http://dx.doi.org/10.1103/PhysRevD.98.015028
233	Three-loop neutrino masses via new massive gauge bosons from E-6 GUT	Dutta, Bhaskar; Ghosh, Sumit; Gogoladze, Ilia; Li, Tianjun	PHYSICAL REVIEW D	2018	98	5	55028	http://dx.doi.org/10.1103/PhysRevD.98.055028
234	Time dependence of holographic complexity in Gauss-Bonnet gravity	An, Yu-Sen; Cai, Rong-Gen; Peng, Yuxuan	PHYSICAL REVIEW D	2018	98	10	106013	http://dx.doi.org/10.1103/PhysRevD.98.106013
235	Topological invariants for holographic semimetals	Liu, Yan; Sun, Ya-Wen	JOURNAL OF HIGH ENERGY PHYSICS	2018		10	189	http://dx.doi.org/10.1007/JHEP10(2018)189
236	Topological nodal line semimetals in holography	Liu, Yan; Sun, Ya-Wen	JOURNAL OF HIGH ENERGY PHYSICS	2018		12	72	http://dx.doi.org/10.1007/JHEP12(2018)072

237	Towards a new paradigm for heavy-light meson spectroscopy	Du, Meng-Lin; Albaladejo, Miguel; Fernandez-Soler, Pedro; Guo, Feng-Kun; Hanhart, Christoph; Meissner, Ulf-G.; Nieves, Juan; Yao, De-Liang	PHYSICAL REVIEW D	2018	98	9	94018	http://dx.doi.org/10.1103/PhysRevD.98.094018
238	Trapped Bose-Einstein condensates with quadrupole-quadrupole interactions	Wang, An-Bang; Yi, Su	CHINESE PHYSICS B	2018	27	12	120307	http://dx.doi.org/10.1088/1674-1056/27/12/120307
239	Trigonometric Parity for Composite Higgs Models	Csaki, Csaba; Ma, Teng; Shu, Jing	PHYSICAL REVIEW LETTERS	2018	121	23	231801	http://dx.doi.org/10.1103/PhysRevLett.121.231801
240	Twin-plane-partitions and N=2 affine Yangian	Gaberdiel, Matthias R.; Li, Wei; Peng, Cheng	JOURNAL OF HIGH ENERGY PHYSICS	2018		11	192	http://dx.doi.org/10.1007/JHEP11(2018)192
241	Two-pole structure of the D-0*(2400)	Fernandez-Soler, P.; Albaladejo, M.; Guo, F.-K.; Nieves, J.	FAIRNESS 2017: FAIR NEXT GENERATION SCIENTISTS 2017	2018	1024		12036	http://dx.doi.org/10.1088/1742-6596/1024/1/012036
242	Ultrastrong Coupling Few-Photon Scattering Theory	Shi, Tao; Chang, Yue; Jose Garcia-Ripoll, Juan	PHYSICAL REVIEW LETTERS	2018	120	15	153602	http://dx.doi.org/10.1103/PhysRevLett.120.153602
243	Ultraviolet complete dark energy model	Narain, Gaurav; Li, Tianjun	PHYSICAL REVIEW D	2018	97	8	83523	http://dx.doi.org/10.1103/PhysRevD.97.083523
244	Understanding earthquake from the granular physics point of view - Causes of earthquake, earthquake precursors and predictions	Lu, Kunquan; Hou, Meiyang; Jiang, Zehui; Wang, Qiang; Sun, Gang; Liu, Jixing	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2018	32	7	1850081	http://dx.doi.org/10.1142/S0217979218500819
245	Unsupervised Generative Modeling Using Matrix Product States	Han, Zhao-Yu; Wang, Jun; Fan, Heng; Wang, Lei; Zhang, Pan	PHYSICAL REVIEW X	2018	8	3	31012	http://dx.doi.org/10.1103/PhysRevX.8.031012
246	Variational principle for quantum impurity systems in and out of equilibrium: Application to Kondo problems	Ashida, Yuto; Shi, Tao; Banuls, Mari Carmen; Cirac, J. Ignacio; Demler, Eugene	PHYSICAL REVIEW B	2018	98	2	24103	http://dx.doi.org/10.1103/PhysRevB.98.024103
247	Variational study of U(1) and SU(2) lattice gauge theories with Gaussian states in 1+1 dimensions	Sala, P.; Shi, T.; Kuhn, S.; Banuls, M. C.; Demler, E.; Cirac, J. I.	PHYSICAL REVIEW D	2018	98	3	34505	http://dx.doi.org/10.1103/PhysRevD.98.034505
248	Vector mesons and electromagnetic form factor of the Lambda hyperon	Cao, Xu; Dai, Jiang-Ping; Xie, Ya-Ping	PHYSICAL REVIEW D	2018	98	9	94006	http://dx.doi.org/10.1103/PhysRevD.98.094006
249	Weighted community detection and data clustering using message passing	Shi, Cheng; Liu, Yanchen; Zhang, Pan	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2018			33405	http://dx.doi.org/10.1088/1742-5468/aaa8f5
250	Wigner solution of the quark gap equation	Cui, Zhu-Fang; Xu, Shu-Sheng; Li, Bo-Lin; Sun, An; Zhang, Jing-Bo; Zong, Hong-Shi	EUROPEAN PHYSICAL JOURNAL C	2018	78	9	770	http://dx.doi.org/10.1140/epjc/s10052-018-6264-4
251	Yang-Baxter deformations beyond coset spaces (a slick way to do TsT)	Bakhmatov, I.; Colgain, E. O.; Sheikh-Jabbari, M. M.; Yavartanoo, H.	JOURNAL OF HIGH ENERGY PHYSICS	2018		6	161	http://dx.doi.org/10.1007/JHEP06(2018)161
252	Zooming in on AdS(3)/CFT2 near a BPS bound	Hartong, Jelle; Lei, Yang; Obers, Niels; Oling, Gerben	JOURNAL OF HIGH ENERGY PHYSICS	2018		5	16	http://dx.doi.org/10.1007/JHEP05(2018)016