

SCI Papers of ITP in 2017

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	125 GeV Higgs decay with lepton flavor violation in the mu nu NSSM	Zhang, Hai-Bin; Feng, Tai-Fu; Zhao, Shu-Min; Yan, Yu-Li; Sun, Fei	CHINESE PHYSICS C	2017	41	4	43106	http://dx.doi.org/10.1088/1674-1137/41/4/043106
2	A closer look at the cosmological implications of the Lambda HDE model	Wang, Shuang; Wen, Sixiang; Zhou, Lanjun; Li, Miao	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017	467	1	961-970	http://dx.doi.org/10.1093/mnras/stx146
3	A covariant Lagrangian for stable nonsingular bounce	Cai, Yong; Piao, Yun-Song	JOURNAL OF HIGH ENERGY PHYSICS	2017		9	27	http://dx.doi.org/10.1007/JHEP09(2017)027
4	A holographic dual for string theory on AdS(3) x S-3 x S-3 x S-1	Eberhardt, Lorenz; Gaberdiel, Matthias R.; Li, Wei	JOURNAL OF HIGH ENERGY PHYSICS	2017		8	111	http://dx.doi.org/10.1007/JHEP08(2017)111
5	A method for getting a finite alpha in the IR region from an all-order beta function	Zheng, Zhi-Yuan; Zhou, Gao-Liang	EUROPEAN PHYSICAL JOURNAL C	2017	77	11	802	http://dx.doi.org/10.1140/epjc/s10052-017-5384-6
6	A novel 3-D bio-microfluidic system mimicking in vivo heterogeneous tumour microstructures reveals complex tumour-stroma interactions	Fan, Qihui; Liu, Ruchuan; Jiao, Yang; Tian, Chunxiu; Farrell, James D.; Diao, Wenwen; Wang, Xiaochen; Zhang, Fengrong; Yuan, Wei; Han, Haibo; Chen, Jinfeng; Yang, Yue; Zhang, Xixiang; Ye, Fangfu; Li, Ming; Ouyang, Zhongcan; Liu, Liyu	LAB ON A CHIP	2017	17	16	2852-2860	http://dx.doi.org/10.1039/c7lc00191f
7	A phenomenological study of hybrid stars in which the crossover transition from quark to hadron makes the EOS stiffer in contrast to the hybrid EOS based on	Zhao, Tong; Li, Cheng-Ming; Zhao, Ya-Peng; Yan, Yan; Luo, Xin-Lian; Zong, Hong-Shi	MODERN PHYSICS LETTERS A	2017	32	8	1750051	http://dx.doi.org/10.1142/S0217732317500511
8	A unified description for strange quark matter objects	Xia, Cheng-Jun	COMPACT STARS IN THE QCD PHASE DIAGRAM V	2017	861		12022	http://dx.doi.org/10.1088/1742-6596/861/1/012022
9	Action growth of charged black holes with a single horizon	Cai, Rong-Gen; Sasaki, Misao; Wang, Shao-Jiang	PHYSICAL REVIEW D	2017	95	12	124002	http://dx.doi.org/10.1103/PhysRevD.95.124002
10	AdS Black Hole with Phantom Scalar Field	Zhang, Limei; Zeng, Xiaoxiong; Li, Zhonghua	ADVANCES IN HIGH ENERGY PHYSICS	2017	2017		4940187	http://dx.doi.org/10.1155/2017/4940187
11	AE Ursae Majoris - a delta Scuti star in the Hertzsprung Gap	Niu, Jia-Shu; Fu, Jian-Ning; Li, Yan; Yang, Xiao-Hu; Zong, Weikai; Xue, Hui-Fang; Zhang, Yan-Ping; Liu, Nian; Du, Bing; Zuo, Fang	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017	467	3	3122-3139	http://dx.doi.org/10.1093/mnras/stx125
12	Analytical solutions of the coupled Gross-Pitaevskii equations for the three-species Bose-Einstein condensates	Liu, Y. M.; Bao, C. G.	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2017	50	27	275301	http://dx.doi.org/10.1088/1751-8121/aa7272
13	Anchor Effect of Interactions Between Kinesin's Nucleotide-Binding Pocket and Microtubule	Jin, Yumei; Geng, Yizhao; Lu, Lina; Ma, Yilong; Lu, Gang; Zhang, Hui; Ji, Qing	CELLULAR AND MOLECULAR BIOENGINEERING	2017	10	2	162-173	http://dx.doi.org/10.1007/s12195-017-0477-8
14	Angular Momentum-Free of the Entropy Relations for Rotating Kaluza-Klein Black Holes	Liu, Hang; Meng, Xin-he	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2017	56	2	437-449	http://dx.doi.org/10.1007/s10773-016-3185-6
15	Anisotropic formation mechanism and nanomechanics for the self-assembly process of cross-beta peptides	Deng, Li; Zhao, Yurong; Zhou, Peng; Xu, Hai; Wang, Yanting	CHINESE PHYSICS B	2017	26	12	128701	http://dx.doi.org/10.1088/1674-1056/26/12/128701
16	Anomalous boundary deformation induced by enclosed active particles	Tian, Wen-De; Gu, Yan; Guo, Yong-Kun; Chen, Kang	CHINESE PHYSICS B	2017	26	10	100502	http://dx.doi.org/10.1088/1674-1056/26/10/100502
17	Antiprotons from dark matter annihilation through light mediators and a possible excess in AMS-02 (p)over-bar/p data	Huang, Xian-Jun; Wei, Chun-Cheng; Wu, Yue-Liang; Zhang, Wei-Hong; Zhou, Yu-Feng	PHYSICAL REVIEW D	2017	95	6	63021	http://dx.doi.org/10.1103/PhysRevD.95.063021
18	Asymmetric dark matter bound state	Bi, Xiao-Jun; Kang, Zhaofeng; Ko, P.; Li, Jinmian; Li, Tianjun	PHYSICAL REVIEW D	2017	95	4	43540	http://dx.doi.org/10.1103/PhysRevD.95.043540
19	Banados and SUSY: on supersymmetry and minimal surfaces of locally AdS(3)	Colgain, E. O.; Yavartanoo, H.	CLASSICAL AND QUANTUM GRAVITY	2017	34	9	95008	http://dx.doi.org/10.1088/1361-6382/aa66d5
20	Baryon number fluctuations in quasi-particle model	Zhao, Ameng; Luo, Xiaofeng; Zong, Hongshi	EUROPEAN PHYSICAL JOURNAL C	2017	77	4	207	http://dx.doi.org/10.1140/epjc/s10052-017-4784-y
21	Baryon number violation in supersymmetry: n - (n)over-bar oscillations as a probe beyond the LHC	Calibbi, Lorenzo; Ferretti, Gabriele; Milstead, David; Petersson, Christoffer; Pottgen, Ruth	JOURNAL OF HIGH ENERGY PHYSICS	2017		10	195	http://dx.doi.org/10.1007/JHEP10(2017)195
22	Behavioural effect of low-dose BPA on male zebrafish: Tuning of male mating competition and female mating preference during courtship process	Li, Xiang; Guo, Jia-Yu; Li, Xu; Zhou, Hai-Jun; Zhang, Shu-Hui; Liu, Xiaodong; Chen, Dong-Yan; Fang, Yong-Chun; Feng, Xi-Zeng	CHEMOSPHERE	2017	169		40-52	http://dx.doi.org/10.1016/j.chemosphere.2016.11.053
23	Beyond-mean-field effects on nuclear triaxiality	Ya, Tu; Chen, Yong-Shou; Gao, Zao-Chun; Liu, Ling; Chen, Yong-Jing	PHYSICAL REVIEW C	2017	95	6	64316	http://dx.doi.org/10.1103/PhysRevC.95.064316
24	BPS spectrum on AdS(3)xS(3)xS(3)xS(1)	Eberhardt, Lorenz; Gaberdiel, Matthias R.; Gopakumar, Rajesh; Li, Wei	JOURNAL OF HIGH ENERGY PHYSICS	2017		3	124	http://dx.doi.org/10.1007/JHEP03(2017)124
25	Calculations of the beta-decay half-lives of neutron-deficient nuclei	Tan, Wenjin; Ni, Dongdong; Ren, Zhongzhou	CHINESE PHYSICS C	2017	41	5	54103	http://dx.doi.org/10.1088/1674-1137/41/5/054103
26	Calibrated entanglement entropy	Bakhmatov, I.; Deger, N. S.; Gutowski, J.; Colgain, E. O.; Yavartanoo, H.	JOURNAL OF HIGH ENERGY PHYSICS	2017		7	117	http://dx.doi.org/10.1007/JHEP07(2017)117
27	Cavity master equation for the continuous time dynamics of discrete-spin models	Aurell, E.; Del Ferraro, G.; Dominguez, E.; Mulet, R.	PHYSICAL REVIEW E	2017	95	5	52119	http://dx.doi.org/10.1103/PhysRevE.95.052119
28	CDCC calculations of fusion of Li-6 with targets Sm-144 and Sm-154: effect of resonance states	Gomez Camacho, A.; Lubian, J.; Zhang, H. Q.; Zhou, Shan-Gui	CHINESE PHYSICS C	2017	41	12	124103	http://dx.doi.org/10.1088/1674-1137/41/12/124103
29	Chaotic Lagrangian models for turbulent relative dispersion	Lacorata, Guglielmo; Vulpiani, Angelo	PHYSICAL REVIEW E	2017	95	4	43106	http://dx.doi.org/10.1103/PhysRevE.95.043106
30	Charmless B-(s) -> VV decays in factorization-assisted topological-amplitude approach	Wang, Chao; Zhang, Qi-An; Li, Ying; Lu, Cai-Dian	EUROPEAN PHYSICAL JOURNAL C	2017	77	5	333	http://dx.doi.org/10.1140/epjc/s10052-017-4889-3
31	Chiral and deconfinement phase transitions in QED(3) with finite gauge boson mass	Yin, Pei-Lin; Xiao, Hai-Xiao; Zong, Hong-Shi	JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS	2017	125	5	752-761	http://dx.doi.org/10.1134/S1063776117110061

32	Chirality oscillation of primordial gravitational waves during inflation	Cai, Yong; Wang, Yu-Tong; Piao, Yun-Song	JOURNAL OF HIGH ENERGY PHYSICS	2017		3	24	http://dx.doi.org/10.1007/JHEP03(2017)024
33	CHY formulae in 4d	Zhang, Yong	JOURNAL OF HIGH ENERGY PHYSICS	2017		7	69	http://dx.doi.org/10.1007/JHEP07(2017)069
34	Comments on joint terms in gravitational action	Yang, Run-Qiu; Ruan, Shan-Ming	CLASSICAL AND QUANTUM GRAVITY	2017	34	17	175017	http://dx.doi.org/10.1088/1361-6382/aa8053
35	Comparing dark matter models, modified Newtonian dynamics and modified gravity in accounting for galaxy rotation curves	Li, Xin; Tang, Li; Lin, Hai-Nan	CHINESE PHYSICS C	2017	41	5	55101	http://dx.doi.org/10.1088/1674-1137/41/5/055101
36	Completeness of Community Structure in Networks	Xie, Jia-Rong; Zhang, Pan; Zhang, Hai-Feng; Wang, Bing-Hong	SCIENTIFIC REPORTS	2017	7		5269	http://dx.doi.org/10.1038/s41598-017-05585-6
37	Composite dark matter and Higgs	Wu, Yongcheng; Ma, Teng; Zhang, Bin; Cacciapaglia, Giacomo	JOURNAL OF HIGH ENERGY PHYSICS	2017		11	58	http://dx.doi.org/10.1007/JHEP11(2017)058
38	Compton scattering off proton in the third resonance region	Cao, Xu; Lenske, H.	PHYSICS LETTERS B	2017	772		274-278	http://dx.doi.org/10.1016/j.physletb.2017.06.063
39	Connected and disconnected contractions in pion-pion scattering	Acharya, Neramballi Ripunjay; Guo, Feng-Kun; Meissner, Ulf-G.; Seng, Chien-Yeah	NUCLEAR PHYSICS B	2017	922		480-498	http://dx.doi.org/10.1016/j.nuclphysb.2017.07.012
40	Connected formulas for amplitudes in standard model	He, Song; Zhang, Yong	JOURNAL OF HIGH ENERGY PHYSICS	2017		3	93	http://dx.doi.org/10.1007/JHEP03(2017)093
41	Correlation Effects and Hidden Spin-Orbit Entangled Electronic Order in Parent and Electron-Doped Iridates Sr2IrO4	Zhou, Sen; Jiang, Kun; Chen, Hua; Wang, Ziqiang	PHYSICAL REVIEW X	2017	7	4	41018	http://dx.doi.org/10.1103/PhysRevX.7.041018
42	Cosmological Constraints from the Redshift Dependence of the Volume Effect Using the Galaxy 2-point Correlation Function across the Line of Sight	Li, Xiao-Dong; Park, Changbom; Sabiu, Cristiano G.; Park, Hyunbae; Cheng, Cheng; Kim, Juhan; Hong, Sungwook E.	ASTROPHYSICAL JOURNAL	2017	844	2	91	http://dx.doi.org/10.3847/1538-4357/aa7cfc
43	Cosmological implications of different baryon acoustic oscillation data	Wang, Shuang; Hu, YaZhou; Li, Miao	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2017	60	4	40411	http://dx.doi.org/10.1007/s11433-016-0486-6
44	Criticality of networks with long-range connections	Yang, ZiQing; Liu, MaoXin; Chen, XiaoSong	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2017	60	2	20521	http://dx.doi.org/10.1007/s11433-016-0446-3
45	Dark-like states for the multi-qubit and multi-photon Rabi models	Peng, Jie; Zheng, Chenxiang; Guo, Guangjie; Guo, Xiaoyong; Zhang, Xin; Deng, Chaosheng; Ju, Guoxing; Ren, Zhongzhou; Lamata, Lucas; Solano, Enrique	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2017	50	17	174003	http://dx.doi.org/10.1088/1751-8121/aa651d
46	Decay behaviors of the P-c hadronic molecules	Lin, Yong-Hui; Shen, Chao-Wei; Guo, Feng-Kun; Zou, Bing-Song	PHYSICAL REVIEW D	2017	95	11	114017	http://dx.doi.org/10.1103/PhysRevD.95.114017
47	Delta(1232) production in the K(+)-p -> K-0 pi(+)-p reaction	Liu, Bo-Chao; Chen, Shao-Fei	EUROPEAN PHYSICAL JOURNAL A	2017	53	3	39	http://dx.doi.org/10.1140/epja/i2017-12229-2
48	Designing a Double-Pole Nanoscale Relay Based on a Carbon Nanotube: A Theoretical Study	Mu, Weihua; Ou-Yang, Zhong-Can; Dresselhaus, Mildred S.	PHYSICAL REVIEW APPLIED	2017	8	2	24006	http://dx.doi.org/10.1103/PhysRevApplied.8.024006
49	Diphoton signal of the light Higgs boson in natural NMSSM	Cao, Junjie; Guo, Xiaofei; He, Yangle; Wu, Peiwen; Zhang, Yang	PHYSICAL REVIEW D	2017	95	11	116001	http://dx.doi.org/10.1103/PhysRevD.95.116001
50	Discussion on Lorentz invariance violation of noncommutative field theory and neutrino oscillation	Luo, Cui-Bai; Shi, Song; Du, Yi-Lun; Wang, Yong-Long; Zong, Hong-Shi	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2017	32	6-7	1750040	http://dx.doi.org/10.1142/S0217751X17500403
51	Dissimilarities of reduced density matrices and eigenstate thermalization hypothesis	He, Song; Lin, Feng-Li; Zhang, Jia-ju	JOURNAL OF HIGH ENERGY PHYSICS	2017		12	73	http://dx.doi.org/10.1007/JHEP12(2017)073
52	Distilling perfect GHZ states from two copies of non-GHZ-diagonal mixed states	Wang, Xin-Wen; Tang, Shi-Qing; Yuan, Ji-Bing; Zhang, Deng -Yu	OPTICS COMMUNICATIONS	2017	392		185-189	http://dx.doi.org/10.1016/j.optcom.2016.12.002
53	Dynamical chiral symmetry breaking in NJL Model with a strong background magnetic field and Lorentz-violating extension of the Standard Model	Luo, Cui-Bai; Shi, Song; Xia, Yong-Hui; Zong, Hong-Shi	CHINESE PHYSICS C	2017	41	6	63104	http://dx.doi.org/10.1088/1674-1137/41/6/063104
54	Dynamical gap generation in a two-dimensional Dirac semimetal with a deformed Dirac	Xiao, Hai-Xiao; Wang, Jing-Rong; Feng, Hong-Tao; Yin, Pei-Lin; Zong, Hong-Shi	PHYSICAL REVIEW B	2017	96	15	155114	http://dx.doi.org/10.1103/PhysRevB.96.155114
55	Dynamical mass generation in QED(3) beyond the instantaneous approximation	Xiao, Hai-Xiao; Li, Jian-Feng; Wei, Wei; Yin, Pei-Lin; Zong, Hong-Shi	CHINESE PHYSICS C	2017	41	7	73102	http://dx.doi.org/10.1088/1674-1137/41/7/073102
56	Dynamical spacetimes in conformal gravity	Zhang, Hongsheng; Zhang, Yi; Li, Xin-Zhou	NUCLEAR PHYSICS B	2017	921		522-537	http://dx.doi.org/10.1016/j.nuclphysb.2017.05.011
57	Effect of Phantom Dark Energy on Holographic Thermalization	Zeng, Xiao-Xiong; Hu, Xin-Yun; Li, Li-Fang	CHINESE PHYSICS LETTERS	2017	34	1	10401	http://dx.doi.org/10.1088/0256-307X/34/1/010401
58	Effect of the early reionization on the cosmic microwave background and cosmological parameter estimates	Huang, Qing-Guo; Wang, Ke	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2017		7	42	http://dx.doi.org/10.1088/1475-7516/2017/07/042
59	Effective Natural Supersymmetry from the Yukawa Deflected Mediations	Liang, Tai-ran; Zhu, Bin; Ding, Ran; Li, Tianjun	ADVANCES IN HIGH ENERGY PHYSICS	2017	2017		1585023	http://dx.doi.org/10.1155/2017/1585023
60	Effects of dark energy on the efficiency of charged AdS black holes as heat engines	Liu, Hang; Meng, Xin-He	EUROPEAN PHYSICAL JOURNAL C	2017	77	8	556	http://dx.doi.org/10.1140/epjc/s10052-017-5134-9
61	Effects of Z(b) states and bottom meson loops on Upsilon(4S) -> Upsilon(1S,2S)pi(+) pi(-) transitions	Chen, Yun-Hua; Cleven, Martin; Daub, Johanna T.; Guo, Feng-Kun; Hanhart, Christoph; Kubis, Bastian; Meissner, Ulf-G.; Zou, Bing-Song	PHYSICAL REVIEW D	2017	95	3	34022	http://dx.doi.org/10.1103/PhysRevD.95.034022
62	Endoreversible quantum heat engines in the linear response regime	Wang, Honghui; He, Jizhou; Wang, Jianhui	PHYSICAL REVIEW E	2017	96	1	12152	http://dx.doi.org/10.1103/PhysRevE.96.012152
63	Enhanced output entanglement with reservoir engineering	Yan, Xiao-Bo	PHYSICAL REVIEW A	2017	96	5	53831	http://dx.doi.org/10.1103/PhysRevA.96.053831
64	Enhancement of high-spin collectivity in N = Z nuclei by the isoscalar neutron-proton	Kaneko, K.; Sun, Y.; de Angelis, G.	NUCLEAR PHYSICS A	2017	957		144-153	http://dx.doi.org/10.1016/j.nuclphysa.2016.08.007
65	Entanglement Concentration with Different Measurement in a 3-Mode Optomechanical System	Li, Zhe	COMMUNICATIONS IN THEORETICAL PHYSICS	2017	68	1	57-63	http://dx.doi.org/10.1088/0253-6102/68/1/57

66	Estimating cosmological parameters by the simulated data of gravitational waves from the Einstein Telescope	Cai, Rong-Gen; Yang, Tao	PHYSICAL REVIEW D	2017	95	4	44024	http://dx.doi.org/10.1103/PhysRevD.95.044024
67	Evaluation of Particle Numbers via Two Root Mean Square Radii in a 2-Species Bose-Einstein Condensate	He, Yan-Zhang; Liu, Yi-Min; Bao, Cheng-Guang	COMMUNICATIONS IN THEORETICAL PHYSICS	2017	68	2	220-222	http://dx.doi.org/10.1088/0253-6102/68/2/220
68	Evolution of chirality-odd twist-3 fragmentation functions	Ma, J. P.; Zhang, G. P.	PHYSICS LETTERS B	2017	772		559-566	http://dx.doi.org/10.1016/j.physletb.2017.07.025
69	Exact solution of the two-axis counter-twisting Hamiltonian	Pan, Feng; Zhang, Yao-Zhong; Draayer, Jerry P.	ANNALS OF PHYSICS	2017	376		182-193	http://dx.doi.org/10.1016/j.aop.2016.11.019
70	Exact solution of the two-axis counter-twisting hamiltonian for the half-integer J case	Pan, Feng; Zhang, Yao-Zhong; Draayer, Jerry P.	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2017			23104	http://dx.doi.org/10.1088/1742-5468/aa5a28
71	Exorcising ghosts in induced gravity	Narain, Gaurav	EUROPEAN PHYSICAL JOURNAL C	2017	77	10	683	http://dx.doi.org/10.1140/epjc/s10052-017-5249-z
72	Exotic topological states with Raman-induced spin-orbit coupling	Deng, Y.; Shi, T.; Hu, H.; You, L.; Yi, S.	PHYSICAL REVIEW A	2017	95	2	23611	http://dx.doi.org/10.1103/PhysRevA.95.023611
73	Exploring detection of nuclearities in a large liquid scintillator neutrino detector	Guo, Wan-Lei; Xia, Cheng-Jun; Lin, Tao; Wang, Zhi-Min	PHYSICAL REVIEW D	2017	95	1	15010	http://dx.doi.org/10.1103/PhysRevD.95.015010
74	Feedback arcs and node hierarchy in directed networks	Zhao, Jin-Hua; Zhou, Hai-Jun	CHINESE PHYSICS B	2017	26	7	78901	http://dx.doi.org/10.1088/1674-1056/26/7/078901
75	Feedback traps for virtual potentials	Gavrilo, Momcilo; Bechhoefer, John	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY A-MATHEMATICAL PHYSICAL AND ENGINEERING	2017	375	2088	20160217	http://dx.doi.org/10.1098/rsta.2016.0217
76	Finite-volume effects on phase transition in the Polyakov-loop extended Nambu-Jona-Lasinio model with a chiral chemical	Pan, Zan; Cui, Zhu-Fang; Chang, Chao-Hsi; Zong, Hong-Shi	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2017	32	13	17500671	http://dx.doi.org/10.1142/S0217751X17500671
77	Finslerian dipolar modulation of the CMB power spectra at scales $2 < l < 600$	Li, Xin; Lin, Hai-Nan	EUROPEAN PHYSICAL JOURNAL C	2017	77	5	316	http://dx.doi.org/10.1140/epjc/s10052-017-4897-3
78	Fission barriers from multidimensionally-constrained covariant density functional theories	Lu, Bing-Nan; Zhao, Jie; Zhao, En-Guang; Zhou, Shan-Gui	FUSION17	2017	163		34	http://dx.doi.org/10.1051/epjconf/201716300034
79	Four-Loop Nonplanar Cusp Anomalous Dimension in N=4 Supersymmetric Yang-Mills Theory	Boels, Rutger H.; Huber, Tobias; Yang, Gang	PHYSICAL REVIEW LETTERS	2017	119	20	201601	http://dx.doi.org/10.1103/PhysRevLett.119.201601
80	Fractional exclusion and braid statistics in one dimension: a study via dimensional reduction of Chern-Simons theory	Ye, Fei; Marchetti, P. A.; Su, Z. B.; Yu, L.	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2017	50	39	395401	http://dx.doi.org/10.1088/1751-8121/aa846c
81	gamma gamma -> M+ M-(M = pi, K) processes with twist-3 corrections in QCD	Wang, Cong; Zhou, Ming-Zhen; Chen, Hong	EUROPEAN PHYSICAL JOURNAL C	2017	77	4	219	http://dx.doi.org/10.1140/epjc/s10052-017-4764-2
82	Gapless Spin-Liquid Ground State in the S=1/2 Kagome Antiferromagnet	Liao, H. J.; Xie, Z. Y.; Chen, J.; Liu, Z. Y.; Xie, H. D.; Huang, R. Z.; Normand, B.; Xiang, T.	PHYSICAL REVIEW LETTERS	2017	118	13	137202	http://dx.doi.org/10.1103/PhysRevLett.118.137202
83	General No-Scale Supergravity: An F-SU(5) tale	Hu, Dingli; Li, Tianjun; Lux, Adam; Maxin, James A.; Nanopoulos, Dimitri	PHYSICS LETTERS B	2017	771		264-270	http://dx.doi.org/10.1016/j.physletb.2017.05.056
84	Generalized Master Equation for Space-Time Coupled Continuous Time Random	Liu, Jian; Li, Bao-He; Chen, Xiao-Song	CHINESE PHYSICS LETTERS	2017	34	5	50201	http://dx.doi.org/10.1088/0256-307X/34/5/050201
85	Generalized Vaidya solutions and Misner-Sharp mass for n-dimensional massive gravity	Hu, Ya-Peng; Wu, Xin-Meng; Zhang, Hongsheng	PHYSICAL REVIEW D	2017	95	8	84002	http://dx.doi.org/10.1103/PhysRevD.95.084002
86	Geometric influences of a particle confined to a curved surface embedded in three-dimensional Euclidean space	Wang, Yong-Long; Jiang, Hua; Zong, Hong-Shi	PHYSICAL REVIEW A	2017	96	2	22116	http://dx.doi.org/10.1103/PhysRevA.96.022116
87	Gravitational Quasinormal Modes of Regular Phantom Black Hole	Li, Jin; Lin, Kai; Wen, Hao; Qian, Wei-Liang	ADVANCES IN HIGH ENERGY PHYSICS	2017	2017		5234214	http://dx.doi.org/10.1155/2017/5234214
88	Gravitational wave signals of electroweak phase transition triggered by dark matter	Chao, Wei; Guo, Huai-Ke; Shu, Jing	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2017			9	http://dx.doi.org/10.1088/1475-7516/2017/09/009
89	Hidden-charm pentaquarks and their hidden-bottom and B-c-like partner states	Wu, Jing; Liu, Yan-Rui; Chen, Kan; Liu, Xiang; Zhu, Shi-Lin	PHYSICAL REVIEW D	2017	95	3	34002	http://dx.doi.org/10.1103/PhysRevD.95.034002
90	Higgs mass and muon anomalous magnetic moment in the MSSM with gauge-gravity hybrid mediation	Zhu, Bin; Ding, Ran; Li, Tianjun	PHYSICAL REVIEW D	2017	96	3	35029	http://dx.doi.org/10.1103/PhysRevD.96.035029
91	Higher order derivative coupling to gravity and its cosmological implications	Cai, Yong; Piao, Yun-Song	PHYSICAL REVIEW D	2017	96	12	124028	http://dx.doi.org/10.1103/PhysRevD.96.124028
92	Higher spins and Yangian symmetries	Gaberdiel, Matthias R.; Gopakumar, Rajesh; Li, Wei; Peng, Cheng	JOURNAL OF HIGH ENERGY PHYSICS	2017			152	http://dx.doi.org/10.1007/JHEP04(2017)152
93	Highly sensitive detection of NT-proBNP by molecular motor	Zhang, Jie; Shu, Yao-Gen	GENES & DISEASES	2017	4	1	37-40	http://dx.doi.org/10.1016/j.gendis.2016.11.002
94	Holographic thermalization and generalized Vaidya-AdS solutions in	Hu, Ya-Peng; Zeng, Xiao-Xiong; Zhang, Hai-Qing	PHYSICS LETTERS B	2017	765		120-126	http://dx.doi.org/10.1016/j.physletb.2016.12.028
95	Holographic van der Waals Phase Transition for a Hairy Black Hole	Zeng, Xiao-Xiong; Han, Yi-Wen	ADVANCES IN HIGH ENERGY PHYSICS	2017	2017		2356174	http://dx.doi.org/10.1155/2017/2356174
96	Holographic Van der Waals-like phase transition in the Gauss-Bonnet gravity	He, Song; Li, Li-Fang; Zeng, Xiao-Xiong	NUCLEAR PHYSICS B	2017	915		243-261	http://dx.doi.org/10.1016/j.nuclphysb.2016.12.005
97	Horizon fluff, semi-classical black hole microstates - Log-corrections to BTZ entropy and black hole/particle	Afshar, H.; Grumiller, D.; Sheikh-Jabbari, M. M.; Yavartanoo, H.	JOURNAL OF HIGH ENERGY PHYSICS	2017			8	http://dx.doi.org/10.1007/JHEP08(2017)087
98	How large is the contribution of excited mesons in coupled-channel effects?	Lu, Yu; Anwar, Muhammad Naeem; Zou, Bing-Song	PHYSICAL REVIEW D	2017	95	3	34018	http://dx.doi.org/10.1103/PhysRevD.95.034018
99	Hunting for heavy majorana neutrinos with lepton number violating signatures at LHC	Guo, Chao; Guo, Shu-Yuan; Han, Zhi-Long; Li, Bin; Liao, Yi	JOURNAL OF HIGH ENERGY PHYSICS	2017			4	http://dx.doi.org/10.1007/JHEP04(2017)065

100	Impact of surface reflection on transmission eigenvalue statistics and energy distributions inside random media	Cheng, Xiaojun; Tian, Chushun; Lowell, Zachary; Zhao, Liyi; Genack, Azriel Z.	EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS	2017	226	7	1539-1548	http://dx.doi.org/10.1140/epjst/e2016-60327-6
101	Implementation of the variation-after-projection approach in calculations with a time-odd Hartree-Fock mean field	Ya, Tu; He, Yan; Gao, Zao-Chun; Wang, Jia-Qi; Chen, Y. S.	PHYSICAL REVIEW C	2017	95	6	64307	http://dx.doi.org/10.1103/PhysRevC.95.064307
102	Improved double-folding alpha-nucleus potential by including nuclear medium	Deng, Daming; Ren, Zhongzhou	PHYSICAL REVIEW C	2017	96	6	64306	http://dx.doi.org/10.1103/PhysRevC.96.064306
103	Improving prediction of burial state of residues by exploiting correlation among residues	Gong, Hai'e; Zhang, Haicang; Zhu, Jianwei; Wang, Chao; Sun, Shiwei; Zheng, Wei-Mou; Bu, Dongbo	BMC BIOINFORMATICS	2017	18		70	http://dx.doi.org/10.1186/s12859-017-1475-5
104	Improving protein fold recognition by extracting fold-specific features from predicted residue-residue contacts	Zhu, Jianwei; Zhang, Haicang; Li, Shuai; Cheng, Wang; Chao, Kong; Lupeng; Sun, Shiwei; Zheng, Wei-Mou; Bu, Dongbo	BIOINFORMATICS	2017	33	23	3749-3757	http://dx.doi.org/10.1093/bioinformatics/btx514
105	In memoriam of Professor Kerson Huang	Hao Bailin	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2017	31	11	1777002	http://dx.doi.org/10.1142/S0217979217770021
106	Induced Attraction between Polystyrene Colloidal Particles in a Binary Mixture with PNIPAM Colloidal Microgels	Igwe, Isaiha E.; Zong, Yiwu; Yang, Xiunan; Ouyang, Zhongcan; Chen, Ke	JOURNAL OF PHYSICAL CHEMISTRY B	2017	121	21	5391-5395	http://dx.doi.org/10.1021/acs.jpcc.6b12999
107	Inflection point in running kinetic term inflation	Gao, Tie-Jun; Xiu, Wu-Tao; Yang, Xiu-Yi	MODERN PHYSICS LETTERS A	2017	32	12	1750072	http://dx.doi.org/10.1142/S0217732317500729
108	Influence of inhomogeneities on holographic mutual information and	Cai, Rong-Gen; Zeng, Xiao-Xiong; Zhang, Hai-Qing	JOURNAL OF HIGH ENERGY PHYSICS	2017		7	82	http://dx.doi.org/10.1007/JHEP07(2017)082
109	INFLUENCE OF PROPERTIES OF SUPERHEAVY NUCLEI ON THEIR alpha DECAYS	Adamian, G. G.; Antonenko, N. V.; Bezbakh, A. N.; Jolos, R. V.; Malov, L. A.; Wang, K.; Zhou, S. -G.; Lenske, H.	ACTA PHYSICA POLONICA B	2017	48	3	441-450	http://dx.doi.org/10.5506/APhysPolB.48.441
110	Initiation Mechanism of Kinesin's Neck Linker Docking Process	Geng, Yi-Zhao; Zhang, Hui; Lyu, Gang; Ji, Qing	CHINESE PHYSICS LETTERS	2017	34	2	28701	http://dx.doi.org/10.1088/0256-307X/34/2/028701
111	Integrable open spin chains from flavored ABJM theory	Bai, Nan; Chen, Hui-Huang; He, Song; Wu, Jun-Bao; Yang, Wen-Li; Zhu, Meng-Qi	JOURNAL OF HIGH ENERGY PHYSICS	2017		8	1	http://dx.doi.org/10.1007/JHEP08(2017)001
112	Interacting networks of resistance, virulence and core machinery genes identified by genome-wide epistasis analysis	Skwark, Marcin J.; Croucher, Nicholas J.; Puranen, Santeri; Chewapreecha, Claire; Pesonen, Maiju; Xu, Ying Ying; Turner, Paul; Harris, Simon R.; Beres, Stephen B.; Musser, James M.; Parkhill, Julian; Bentley, Stephen D.; Aurell, Erik; Corander, Jukka	PLOS GENETICS	2017	13	2	e1006508	http://dx.doi.org/10.1371/journal.pgen.1006508
113	Interpreting 750 GeV diphoton excess with R-parity violating supersymmetry	Ding, Ran; Huang, Li; Li, Tianjun; Zhu, Bin	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2017	32	2-3	1750014	http://dx.doi.org/10.1142/S0217751X17500142
114	Intertwined Order and Holography: The Case of Parity Breaking Pair Density	Cai, Rong-Gen; Li, Li; Wang, Yong-Qiang; Zaanen, Jan	PHYSICAL REVIEW LETTERS	2017	119	18	181601	http://dx.doi.org/10.1103/PhysRevLett.119.181601
115	Investigating the topological structure of quenched lattice QCD with overlap fermions using a multi-probing	Zou, You-Hao; Zhang, Jian-Bo; Xiong, Guang-Yi; Chen, Ying; Liu, Chuan; Liu, Yu-Bin; Ma, Jian-Ping	CHINESE PHYSICS C	2017	41	10	103104	http://dx.doi.org/10.1088/1674-1137/41/10/103104
116	Investigation on a giant magnetoelectric effect hexaferrite via neutron scattering techniques	Wu, Yan; Zhai, Kun; Tian, Wei; Sun, Young; Cao, HuiBo; Wang, Fangwei	ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES	2017	73		A41-A41	http://dx.doi.org/10.1107/S0108767317099597
117	Irreversible Markov chain Monte Carlo algorithm for self-avoiding walk	Hu, Hao; Chen, Xiaosong; Deng, Youjin	FRONTIERS OF PHYSICS	2017	12	1	120503	http://dx.doi.org/10.1007/s11467-016-0646-6
118	Kitaev materials beyond iridates: Order by quantum disorder and Weyl magnons in rare-earth double perovskites	Li, Fei-Ye; Li, Yao-Dong; Yu, Yue; Paramekanti, Arun; Chen, Gang	PHYSICAL REVIEW B	2017	95	8	85132	http://dx.doi.org/10.1103/PhysRevB.95.085132
119	Labelled tree graphs, Feynman diagrams and disk integrals	Gao, Xiangrui; He, Song; Zhang, Yong	JOURNAL OF HIGH ENERGY PHYSICS	2017		11	144	http://dx.doi.org/10.1007/JHEP11(2017)144
120	Large number limit of multifield inflation	Guo, Zhong-Kai	PHYSICAL REVIEW D	2017	96	12	123521	http://dx.doi.org/10.1103/PhysRevD.96.123521
121	Learning from Higgs physics at future Higgs factories	Gu, Jiayin; Li, Honglei; Liu, Zhen; Su, Shufang; Su, Wei	JOURNAL OF HIGH ENERGY PHYSICS	2017		12	153	http://dx.doi.org/10.1007/JHEP12(2017)153
122	Lepton-flavored electroweak baryogenesis	Guo, Huai-Ke; Li, Ying-Ying; Liu, Tao; Ramsey-Musolf, Michael; Shu, Jing	PHYSICAL REVIEW D	2017	96	11	115034	http://dx.doi.org/10.1103/PhysRevD.96.115034
123	Leptonic mono-top from single stop production at the LHC	Duan, Guang Hua; Hikasa, Ken-ichi; Wu, Lei; Yang, Jin Min; Zhang, Mengchao	JOURNAL OF HIGH ENERGY PHYSICS	2017		3	91	http://dx.doi.org/10.1007/JHEP03(2017)091
124	Light-cone singularities and transverse-momentum-dependent factorization at	Chen, A. P.; Ma, J. P.	PHYSICS LETTERS B	2017	768		380-386	http://dx.doi.org/10.1016/j.physletb.2017.03.015
125	Long-range correlation and market segmentation in bond market	Wang, Zhongxing; Yan, Yan; Chen, Xiaosong	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2017	482		477-485	http://dx.doi.org/10.1016/j.physa.2017.04.066
126	Lorentz invariance violation in the neutrino sector: a joint analysis from big bang nucleosynthesis and the cosmic microwave background	Dai, Wei-Ming; Guo, Zong-Kuan; Cai, Rong-Gen; Zhang, Yuan-Zhong	EUROPEAN PHYSICAL JOURNAL C	2017	77	6	386	http://dx.doi.org/10.1140/epjc/s10052-017-4959-6
127	Low fine-tuning in Yukawa-deflected gauge mediation	Ahmed, Waqas; Calibbi, Lorenzo; Li, Tianjun; Mustafayev, Azar; Raza, Shabbar	PHYSICAL REVIEW D	2017	95	9	95031	http://dx.doi.org/10.1103/PhysRevD.95.095031
128	LSP baryogenesis and neutron-antineutron oscillations from R-parity	Calibbi, Lorenzo; Chun, Eung Jin; Shin, Chang Sub	JOURNAL OF HIGH ENERGY PHYSICS	2017		10	177	http://dx.doi.org/10.1007/JHEP10(2017)177
129	Mapping the QCD phase diagram with susceptibilities of conserved charges within Nambu-Jona-Lasinio model	Fan, Wenkai; Luo, Xiaofeng; Zong, Hong-Shi	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2017	32	11	1750061	http://dx.doi.org/10.1142/S0217751X17500610
130	Maximal symmetry and mass generation of Dirac fermions and gravitational gauge field theory in six-dimensional spacetime	Wu, Yue-Liang	CHINESE PHYSICS C	2017	41	10	103106	http://dx.doi.org/10.1088/1674-1137/41/10/103106

131	Maximally Symmetric Composite Higgs Models	Csaki, Csaba; Ma, Teng; Shu, Jing	PHYSICAL REVIEW LETTERS	2017	119	13	131803	http://dx.doi.org/10.1103/PhysRevLett.119.131803
132	Mean-field analysis of two-species totally asymmetric simple exclusion process (TASEP) with attachment and detachment	Song, Minghua; Zhang, Yunxin	CANADIAN JOURNAL OF PHYSICS	2017	95	4	370-380	http://dx.doi.org/10.1139/cjcp-2016-0644
133	Mechanism behind the Beauty: The Golden Ratio Appeared in the Shape Red Blood Cells	Zhang, Xue-Jun; Ou-Yang, Zhong-Can	COMMUNICATIONS IN COMPUTATIONAL PHYSICS	2017	21	2	559-569	http://dx.doi.org/10.4208/cicp.OA-2016-0205
134	Mechanism of NTP Binding to the Active Site of T7 RNA Polymerase Revealed by Free-Energy Simulation	Wu, Shaogui; Li, Laicai; Li, Quan	BIOPHYSICAL JOURNAL	2017	112	11	2253-2260	http://dx.doi.org/10.1016/j.bpj.2017.04.039
135	Microcanonical finite-size scaling of an ideal Bose gas in a box	Wang, Honghui; He, Jizhou; Wang, Jianhui	EUROPEAN PHYSICAL JOURNAL D	2017	71	1	6	http://dx.doi.org/10.1140/epjd/e2016-70546-1
136	Minimal axion model from flavor	Calibbi, Lorenzo; Goertz, Florian; Redigolo, Diego; Ziegler, Robert; Zupan, Jure	PHYSICAL REVIEW D	2017	95	9	95009	http://dx.doi.org/10.1103/PhysRevD.95.095009
137	Missing particle associated with two bottom quarks at the LHC: Mono-b versus 2b with razor variables	Chen, Ning; Kang, Zhaofeng; Li, Jinmian	PHYSICAL REVIEW D	2017	95	1	15003	http://dx.doi.org/10.1103/PhysRevD.95.015003
138	Modeling charmonium-eta decays of $J(\text{PC})=1(-)$ higher charmonia	Anwar, Muhammad Naeem; Lu, Yu; Zou, Bing-Song	PHYSICAL REVIEW D	2017	95	11	114031	http://dx.doi.org/10.1103/PhysRevD.95.114031
139	Moderate point: Balanced entropy and enthalpy contributions in soft matter	He, Baoji; Wang, Yanting	CHINESE PHYSICS B	2017	26	3	30506	http://dx.doi.org/10.1088/1674-1056/26/3/030506
140	Modulation instability of a spin-1 Bose-Einstein condensate with spin-orbit coupling	Li, Guan-Qiang; Chen, Guang-De; Peng, Ping; Li, Zhi; Bai, Xiao-Dong	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2017	50	23	235302	http://dx.doi.org/10.1088/1361-6455/aa92b7
141	Molecular dynamics simulation study of the stay or leave problem for two magnesium ions in gene transcription	Wu, Shaogui	PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS	2017	85	6	1002-1007	http://dx.doi.org/10.1002/prot.25268
142	Molecular Origin of Donor- and Acceptor-Rich Domain Formation in Bulk-Heterojunction Solar Cells with an Enhanced Charge Transport Efficiency	Long, Guankui; Shi, Rui; Zhou, Yecheng; Li, Ailin; Kan, Bin; Wu, Wei-Ru; Jeng, U-Ser; Xu, Tao; Yan, Tianying; Zhang, Mingtao; Yang, Xuan; Sun, Litao; Gray-Weale, Angus; Wan, Xiangjian; Zhang, Hongtao; Li, Chenxi; Wang, Yanting; Chen, Yongsheng	JOURNAL OF PHYSICAL CHEMISTRY C	2017	121	11	5864-5870	http://dx.doi.org/10.1021/acs.jpcc.6b11824
143	More on the bending of light in quantum gravity	Bai, Dong; Huang, Yue	PHYSICAL REVIEW D	2017	95	6	64045	http://dx.doi.org/10.1103/PhysRevD.95.064045
144	Mother canonical tensor model	Narain, Gaurav; Sasakura, Naoki	CLASSICAL AND QUANTUM GRAVITY	2017	34	14	145009	http://dx.doi.org/10.1088/1361-6382/aa7771
145	Naked singularity, firewall, and Hawking radiation	Zhang, Hongsheng	SCIENTIFIC REPORTS	2017	7		4000	http://dx.doi.org/10.1038/s41598-017-03854-y
146	Near horizon soft hairs as microstates of generic AdS(3) black holes	Sheikh-Jabbari, M. M.; Yavartanoo, H.	PHYSICAL REVIEW D	2017	95	4	44007	http://dx.doi.org/10.1103/PhysRevD.95.044007
147	Near integrability of kink lattice with higher order interactions	Jiang, Yun-Guo; Liu, Jia-Zhen; He, Song	CHINESE PHYSICS C	2017	41	11	113107	http://dx.doi.org/10.1088/1674-1137/41/11/113107
148	NeBcon: protein contact map prediction using neural network training coupled with naive Bayes classifiers	He, Baoji; Mortuza, S. M.; Wang, Yanting; Shen, Hong-Bin; Zhang, Yang	BIOINFORMATICS	2017	33	15	2296-2306	http://dx.doi.org/10.1093/bioinformatics/btx164
149	Nekrasov and Argyres-Douglas theories in spherical Hecke algebra representation	Rim, Chaiho; Zhang, Hong	NUCLEAR PHYSICS B	2017	919		182-208	http://dx.doi.org/10.1016/j.nuclphysb.2017.03.012
150	Network approaches to climate science	Fan, JingFang; Meng, Jun; Chen, XiaoSong; Ashkenazy, Yosef; Havlin, Shlomo	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2017	60	1	10531	http://dx.doi.org/10.1007/s11433-016-0362-2
151	Neutron stars including the effects of chaotic magnetic fields and anomalous magnetic moments	Wu, Fei; Wu, Chen; Ren, Zhong-Zhou	CHINESE PHYSICS C	2017	41	4	45102	http://dx.doi.org/10.1088/1674-1137/41/4/045102
152	New cosmological constraints with extended-Baryon Oscillation Spectroscopic Survey DR14 quasar	Chen, Lu; Huang, Qing-Guo; Wang, Ke	EUROPEAN PHYSICAL JOURNAL C	2017	77	11	762	http://dx.doi.org/10.1140/epjc/s10052-017-5344-1
153	New formulas for amplitudes from higher-dimensional operators	He, Song; Zhang, Yong	JOURNAL OF HIGH ENERGY PHYSICS	2017		2	19	http://dx.doi.org/10.1007/JHEP02(2017)019
154	New Relations for Gauge-Theory and Gravity Amplitudes at Loop Level	He, Song; Schlotterer, Oliver	PHYSICAL REVIEW LETTERS	2017	118	16	161601	http://dx.doi.org/10.1103/PhysRevLett.118.161601
155	NJL model with the modified quark-dependent coupling strength G	Fan, Zhou-You; Fan, Wen-Kai; Wang, Qing-Wu; Zong, Hong-Shi	MODERN PHYSICS LETTERS A	2017	32	20	1750107	http://dx.doi.org/10.1142/S0217732317501073
156	No-go for tree-level R-symmetry breaking	Liu, Feihu; Liu, Muyang; Sun, Zheng	EUROPEAN PHYSICAL JOURNAL C	2017	77	11	745	http://dx.doi.org/10.1140/epjc/s10052-017-5327-2
157	Nonequilibrium Langevin dynamics: A demonstration study of shear flow fluctuations in a simple fluid	Belousov, Roman; Cohen, E. G. D.; Rondoni, Lamberto	PHYSICAL REVIEW E	2017	96	2	22125	http://dx.doi.org/10.1103/PhysRevE.96.022125
158	Nonperturbative emergence of the Dirac fermion in a strongly correlated composite Fermi liquid	Yang, Yibin; Luo, Xi; Yu, Yue	PHYSICAL REVIEW B	2017	95	3	35123	http://dx.doi.org/10.1103/PhysRevB.95.035123
159	No-scale mu-term hybrid inflation	Wu, Lina; Hu, Shan; Li, Tianjun	EUROPEAN PHYSICAL JOURNAL C	2017	77	3	168	http://dx.doi.org/10.1140/epjc/s10052-017-4741-9
160	Note on recursion relations for the Q-cut representation	Feng, Bo; He, Song; Huang, Rijun; Luo, Ming-xing	JOURNAL OF HIGH ENERGY PHYSICS	2017		1	8	http://dx.doi.org/10.1007/JHEP01(2017)008
161	Note on stability of new hyperbolic AdS black holes and phase transitions in Renyi entropies	Li, Danning; He, Song; Fang, Zhen	NUCLEAR PHYSICS B	2017	923		1-31	http://dx.doi.org/10.1016/j.nuclphysb.2017.07.010
162	Note on the initial conditions within the effective field theory approach of cosmic acceleration	Liu, Xue-Wen; Hu, Bin; Zhang, Yi	PHYSICAL REVIEW D	2017	96	12	123537	http://dx.doi.org/10.1103/PhysRevD.96.123537
163	Note on X(3872) production at hadron colliders and its molecular structure	Albaladejo, Miguel; Guo, Feng-Kun; Hanhart, Christoph; Meissner, Ulf-G.; Nieves, Juan; Nogga, Andreas; Yang, Zhi	CHINESE PHYSICS C	2017	41	12	121001	http://dx.doi.org/10.1088/1674-1137/41/12/121001

164	On Friedrichs model with two continuum states	Xiao, Zhiguang; Zhou, Zhi-Yong	JOURNAL OF MATHEMATICAL	2017	58	6	62110	http://dx.doi.org/10.1063/1.4989832
165	On the 2-mode and k-photon quantum Rabi models	Zhang, Yao-Zhong	REVIEWS IN MATHEMATICAL	2017	29	4	1750013	http://dx.doi.org/10.1142/S0129055X17500131
166	On the constituent counting rule for hard exclusive processes involving multi-quark states	Guo, Feng-Kun; Meissner, Ulf-G.; Wang, Wei	CHINESE PHYSICS C	2017	41	5	53108	http://dx.doi.org/10.1088/1674-1137/41/5/053108
167	On the Critical Behavior of Gapped Gravitational Collapse in Confined	Cai, Rong-Gen; Ji, Li-Wei; Yang, Run-Qiu	COMMUNICATIONS IN THEORETICAL PHYSICS	2017	68	1	67-75	http://dx.doi.org/10.1088/0253-6102/68/1/67
168	On the relevance of the maximum entropy principle in non-equilibrium statistical mechanics	Auletta, Gennaro; Rondoni, Lamberto; Vulpiani, Angelo	EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS	2017	226	10	2327-2343	http://dx.doi.org/10.1140/epjst/e2017-70064-x
169	On the renormalization group perspective of alpha-attractors	Narain, Gaurav	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2017		10	32	http://dx.doi.org/10.1088/1475-7516/2017/10/032
170	On the Uniqueness of Ghost-Free Special Gravity	Bai, Dong; Xing, Yu-Hang	COMMUNICATIONS IN THEORETICAL PHYSICS	2017	68	3	329-334	http://dx.doi.org/10.1088/0253-6102/68/3/329
171	On thermal gravitational contribution to particle production and dark matter	Tang, Yong; Wu, Yue-Liang	PHYSICS LETTERS B	2017	774		676-681	http://dx.doi.org/10.1016/j.physletb.2017.10.034
172	One loop amplitude from null string	Yu, Ming; Zhang, Chi; Zhang, Yao-Zhong	JOURNAL OF HIGH ENERGY PHYSICS	2017		6	51	http://dx.doi.org/10.1007/JHEP06(2017)051
173	One-loop corrections to single spin asymmetries at twist-3 in Drell-Yan processes	Chen, A. P.; Ma, J. P.; Zhang, G. P.	PHYSICAL REVIEW D	2017	95	7	74005	http://dx.doi.org/10.1103/PhysRevD.95.074005
174	One-loop renormalization of the chiral Lagrangian for spinless matter fields in the SU(N) fundamental representation	Du, Meng-Lin; Guo, Feng-Kun; Meissner, Ulf-G	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2017	44	1	14001	http://dx.doi.org/10.1088/0954-3899/44/1/014001
175	Operators up to dimension seven in standard model effective field theory extended with sterile neutrinos	Liao, Yi; Ma, Xiao-Dong	PHYSICAL REVIEW D	2017	96	1	15012	http://dx.doi.org/10.1103/PhysRevD.96.015012
176	Optimal Segmentation of Directed Graph and the Minimum Number of Feedback	Xu, Yi-Zhi; Zhou, Hai-Jun	JOURNAL OF STATISTICAL PHYSICS	2017	169	1	187-202	http://dx.doi.org/10.1007/s10955-017-1860-5
177	Optimization of STIRAP-based state transfer under dissipation	Wang, Ying-Dan; Zhang, Rong; Yan, Xiao-Bo; Chesì, Stefano	NEW JOURNAL OF PHYSICS	2017	19		93016	http://dx.doi.org/10.1088/1367-2630/aa7fd
178	Optimized contraction scheme for tensor-network states	Xie, Z. Y.; Liao, H. J.; Huang, R. Z.; Xie, H. D.; Chen, J.; Liu, Z. Y.; Xiang, T.	PHYSICAL REVIEW B	2017	96	4	45128	http://dx.doi.org/10.1103/PhysRevB.96.045128
179	Optomechanical devices based on traveling-wave microresonators	Zhang, Yan-Lei; Dong, Chun-Hua; Zou, Chang-Ling; Zou, Xu-Bo; Wang, Ying-Dan; Guo, Guang-Can	PHYSICAL REVIEW A	2017	95	4	43815	http://dx.doi.org/10.1103/PhysRevA.95.043815
180	Partial wave decomposition in Friedrichs model with self-interacting continua	Xiao, Zhiguang; Zhou, Zhi-Yong	JOURNAL OF MATHEMATICAL	2017	58	7	72102	http://dx.doi.org/10.1063/1.4993193
181	Particle Size influence on the Effective Static Dielectric Constant of Composite Materials	Xiang, Tai; Zheng, Qinhong; Qin, Shaojing	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL	2017	24	2	1197-1202	http://dx.doi.org/10.1109/TDEI.2017.005956
182	Path-integral derivation of black-hole radiance inside the de-Rham-Gabadadze-Tolley formulation of massive gravity	Arraut, Ivan	EUROPEAN PHYSICAL JOURNAL C	2017	77	8	501	http://dx.doi.org/10.1140/epjc/s10052-017-5072-6
183	Phase transition properties for the spatial public goods game with self-questioning mechanism	Yang Bo; Fan Min; Liu Wen-Qi; Chen Xiao-Song	ACTA PHYSICA SINICA	2017	66	19	196401	http://dx.doi.org/10.7498/aps.66.196401
184	Phenomenology of near-threshold states: a practical parametrisation for the line shapes	Guo, F. -K.; Hanhart, C.; Kalashnikova, Yu. S.; Matuschek, P.; Mizuk, R. V.; Nefediev, A. V.; Wang, Q.; Wynen, J. -L.	XIITH QUARK CONFINEMENT AND THE HADRON SPECTRUM	2017	137		6020	http://dx.doi.org/10.1051/epjconf/201713706020
185	Photodetachment dynamics near an attractive Coulomb center	You, X. P.; Du, M. L.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2017	50	14	1-12	http://dx.doi.org/10.1088/1361-6455/aa77a7
186	Photon Emissions from a Spinor Bose-Einstein Condensate of Positroniums	Zheng, Chen; Zhang, Peng; Yi, Su	COMMUNICATIONS IN THEORETICAL PHYSICS	2017	68	2	236-244	http://dx.doi.org/10.1088/0253-6102/68/2/236
187	Photoproduction of the B-c(*) meson at the LHeC	Bi, Huan-Yu; Zhang, Ren-You; Han, Hua-Yong; Jiang, Yi; Wu, Xing-Gang	PHYSICAL REVIEW D	2017	95	3	34019	http://dx.doi.org/10.1103/PhysRevD.95.034019
188	Physics in the early universe	Huang, Qing-Guo	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2017	26	1	1740001	http://dx.doi.org/10.1142/S0218271817400016
189	Polarization of gamma-ray burst afterglows in the synchrotron self-Compton process from a highly relativistic	Lin, Hai-Nan; Li, Xin; Chang, Zhe	CHINESE PHYSICS C	2017	41	4	45101	http://dx.doi.org/10.1088/1674-1137/41/4/045101
190	Possible D-(*) (D)over-bar(*) and B-(*) (B)over-bar(*) molecular states in the extended constituent quark models	Yang, You-Chang; Tan, Zhi-Yun; Ping, Jialun; Zong, Hong-Shi	EUROPEAN PHYSICAL JOURNAL C	2017	77	9	575	http://dx.doi.org/10.1140/epjc/s10052-017-5137-6
191	Preface	Huang, Qing-Guo; Wang, Yi	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2017	26	1	1702001	http://dx.doi.org/10.1142/S0218271817020011
192	Probing a pseudoscalar at the LHC in light of muon g-2 and R(D-*) excesses	Wang, Lei; Yang, Jin Min; Zhang, Yang	NUCLEAR PHYSICS B	2017	924		47-62	http://dx.doi.org/10.1016/j.nuclphysb.2017.09.002
193	Probing degenerate heavy Higgs bosons in NMSSM with vector-like particles	Wang, Fei; Wang, Wenyu; Wu, Lei; Yang, Jin Min; Zhang, Mengchao	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2017	32	33	1745005	http://dx.doi.org/10.1142/S0217751X17450051
194	Probing extra dimension through gravitational wave observations of compact binaries and their electromagnetic counterparts	Yu, Hao; Gu, Bao-Min; Huang, Fa Peng; Wang, Yong-Qiang; Meng, Xin-He; Liu, Yu-Xiao	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2017		2	39	http://dx.doi.org/10.1088/1475-7516/2017/02/039
195	Probing the No-Scale F-SU(5) one-parameter model via gluino searches at the LHC2	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.	PHYSICS LETTERS B	2017	773		54-56	http://dx.doi.org/10.1016/j.physletb.2017.08.005

196	Probing the primordial universe with gravitational waves detectors	Wang, Yu-Tong; Cai, Yong; Liu, Zhi-Guo; Piao, Yun-Song	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2017		1	10	http://dx.doi.org/10.1088/1475-7516/2017/01/010
197	Production of charmed tetraquarks from B-c and B decays	He, Xiao-Gang; Wang, Wei; Zhu, Rui-Lin	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2017	44	1	14003	http://dx.doi.org/10.1088/0954-3899/44/1/014003
198	Proofreading of DNA polymerase: a new kinetic model with higher-order terminal effects	Song, Yong-Shun; Shu, Yao-Gen; Zhou, Xin; Ou-Yang, Zhong-Can; Li, Ming	JOURNAL OF PHYSICS-CONDENSED MATTER	2017	29	2	25101	http://dx.doi.org/10.1088/0953-8984/29/2/025101
199	Proper time regularization and the QCD chiral phase transition	Cui, Zhu-Fang; Zhang, Jin-Li; Zong, Hong-Shi	SCIENTIFIC REPORTS	2017	7		45937	http://dx.doi.org/10.1038/srep45937
200	Properties of Single-Layer Boron Sheets: First-Principle Study through MatCloud Platform	Wang, Zong-Guo; Yang, Xiao-Yu; Qin, Shao-Jing; Wang, Chui-Lin	COMMUNICATIONS IN THEORETICAL PHYSICS	2017	68	1	125-130	http://dx.doi.org/10.1088/0253-6102/68/1/125
201	Properties of single-layer graphene with supercell doped by one defect only	Wang, Zongguo; Qin, Shaojing; Wang, Chuilin	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2017	31	27	1750196	http://dx.doi.org/10.1142/S021797921750196X
202	Proximity effects in cold atom artificial graphene	Grass, Tobias; Chhajlany, Ravindra W.; Tarruell, Leticia; Pellegrini, Vittorio; Lewenstein, Maciej	2D MATERIALS	2017	4	1	15039	http://dx.doi.org/10.1088/2053-1583/aa50c6
203	QCD equation of state for heavy ion collisions	Zhao, A.-Meng; Shi, Yuan-Mei; Li, Jian-Feng; Zong, Hong-Shi	CHINESE PHYSICS C	2017	41	10	103101	http://dx.doi.org/10.1088/1674-1137/41/10/103101
204	Quadratic algebra structure in the 5D Kepler system with non-central potentials and Yang-Coulomb monopole interaction	Hoque, Md Fazlul; Marquette, Ian; Zhang, Yao-Zhong	ANNALS OF PHYSICS	2017	380		121-134	http://dx.doi.org/10.1016/j.aop.2017.03.003
205	Quadratic contributions of softly broken supersymmetry in the light of loop regularization	Bai, Dong; Wu, Yue-Liang	EUROPEAN PHYSICAL JOURNAL C	2017	77	9	617	http://dx.doi.org/10.1140/epjc/s10052-017-5201-2
206	Quantifying Spontaneously Symmetry Breaking of Quantum Many-Body Systems	Dong, Guo-Hui; Fang, Yi-Nan; Sun, Chang-Pu	COMMUNICATIONS IN THEORETICAL PHYSICS	2017	68	4	405-411	http://dx.doi.org/10.1088/0253-6102/68/4/405
207	Quantum Image Processing and Its Application to Edge Detection: Theory and Experiment	Yao, Xi-Wei; Wang, Hengyan; Liao, Zeyang; Chen, Ming-Cheng; Pan, Jian; Li, Jun; Zhang, Kechao; Lin, Xingcheng; Wang, Zhehui; Luo, Zhihuang; Zheng, Wenqiang; Li, Jianzhong; Zhao, Meisheng; Peng, Xinhua; Suter, Dieter	PHYSICAL REVIEW X	2017	7	3	31041	http://dx.doi.org/10.1103/PhysRevX.7.031041
208	Quantum non-Markovian reservoirs of atomic condensates engineered via dipolar interactions	Yuan, Ji-Bing; Xing, Hai-Jun; Kuang, Le-Man; Yi, Su	PHYSICAL REVIEW A	2017	95	3	33610	http://dx.doi.org/10.1103/PhysRevA.95.033610
209	Quark mass correction to chiral separation effect and pseudoscalar condensate	Guo, Er-dong; Lin, Shu	JOURNAL OF HIGH ENERGY PHYSICS	2017		1	111	http://dx.doi.org/10.1007/JHEP01(2017)111
210	Rebuilding of destroyed spin squeezing in noisy environments	Xu, Peng; Sun, Huanying; Yi, S.; Zhang, Wenxian	SCIENTIFIC REPORTS	2017	7		14102	http://dx.doi.org/10.1038/s41598-017-14442-5
211	Reconstructing the dark sector interaction with LISA	Cai, Rong-Gen; Tamanini, Nicola; Yang, Tao	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2017		5	31	http://dx.doi.org/10.1088/1475-7516/2017/05/031
212	Reheating mechanism of the curvaton with nonminimal derivative coupling to gravity	Qiu, Taotao; Feng, Kaixi	EUROPEAN PHYSICAL JOURNAL C	2017	77	10	687	http://dx.doi.org/10.1140/epjc/s10052-017-5275-x
213	Resolving the Schwarzschild singularity in both classic and quantum gravity	Zeng, Ding-fang	NUCLEAR PHYSICS B	2017	917		178-192	http://dx.doi.org/10.1016/j.nuclphysb.2017.02.005
214	Resonant Higgs pair production as a probe of stop at the LHC	Duan, Guang Hua; Wu, Lei; Zheng, Rui	JOURNAL OF HIGH ENERGY PHYSICS	2017		9	37	http://dx.doi.org/10.1007/JHEP(2017)037
215	Role of a triangle singularity in the gamma p -> K+Lambda (1405) reaction	Wang, En; Xie, Ju-Jun; Liang, Wei-Hong; Guo, Feng-Kun; Oset, Eulogio	PHYSICAL REVIEW C	2017	95	1	15205	http://dx.doi.org/10.1103/PhysRevC.95.015205
216	Self-energies of octet and decuplet baryons due to the coupling to the baryon-meson continuum	Garcia-Tecocoatzl, H.; Bijker, R.; Ferretti, J.; Santopinto, E.	EUROPEAN PHYSICAL JOURNAL A	2017	53	6	115	http://dx.doi.org/10.1140/epja/i2017-12306-6
217	Signatures of shell evolution in alpha decay across the N=126 shell closure	Rui-Wang; Wang, Rui-Yao; Qian, Yi-Bin; Ren, Zhong-Zhou	CHINESE PHYSICS C	2017	41	6	64103	http://dx.doi.org/10.1088/1674-1137/41/6/064103
218	Singularity in the matrix of the coupled Gross-Pitaevskii equations and the related state-transitions in three-species condensates	Liu, Y. M.; He, Y. Z.; Bao, C. G.	SCIENTIFIC REPORTS	2017	7		6585	http://dx.doi.org/10.1038/s41598-017-06843-3
219	Six-Higgs-doublet model for dark matter	Alakhras, Mohammad; Chamoun, Nidal; Chen, Xue-Lei; Huang, Chao-Shang; Liu, Chun	PHYSICAL REVIEW D	2017	96	9	95013	http://dx.doi.org/10.1103/PhysRevD.96.095013
220	Smoothing potential energy surface of proteins by hybrid coarse grained	Lu, Yukun; Zhou, Xin; OuYang, ZhongCan	CHINESE PHYSICS B	2017	26	5	50202	http://dx.doi.org/10.1088/1674-1056/26/5/050202
221	Smoothing the redshift distributions of random samples for the baryon acoustic oscillations: applications to the SDSS-III BOSS DR12 and QPM mock samples	Wang, Shao-Jiang; Guo, Qi; Cai, Rong-Gen	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017	472	3	2869-2876	http://dx.doi.org/10.1093/mnras/stx2183
222	Softness, polynomial boundedness and amplitudes' positivity	Bai, Dong	EPL	2017	120	2	21001	http://dx.doi.org/10.1209/0295-5075/120/21001
223	Solving the muon g-2 anomaly in deflected anomaly mediated SUSY breaking with messenger-matter interactions	Wang, Fei; Wang, Wenyu; Yang, Jin Min	PHYSICAL REVIEW D	2017	96	7	75025	http://dx.doi.org/10.1103/PhysRevD.96.075025
224	Solving the muon g-2 anomaly within the NMSSM from generalized deflected AMSB	Ning, Xuyang; Wang, Fei	JOURNAL OF HIGH ENERGY PHYSICS	2017		8	89	http://dx.doi.org/10.1007/JHEP08(2017)089
225	Spatial and temporal variations of the fine-structure constant in the Finslerian	Li, Xin; Lin, Hai-Nan	CHINESE PHYSICS C	2017	41	6	65102	http://dx.doi.org/10.1088/1674-1137/41/6/065102
226	Spectral estimation of the percolation transition in clustered networks	Zhang, Pan	PHYSICAL REVIEW E	2017	96	4	42303	http://dx.doi.org/10.1103/PhysRevE.96.042303
227	Spin-polarized transport in helical membranes due to spin-orbit coupling	Liang, Guo-Hua; Wang, Yong-Long; Jiang, Hua; Lai, Meng-Yun; Zong, Hong-Shi	JOURNAL OF PHYSICS-CONDENSED MATTER	2017	29	13	135801	http://dx.doi.org/10.1088/1361-648X/aa5ce4

228	Split degenerate states and stable p plus ip phases from holography	Nie, Zhang-Yu; Pan, Qiyuan; Zeng, Hua-Bi; Zeng, Hui	EUROPEAN PHYSICAL JOURNAL C	2017	77	2	69	http://dx.doi.org/10.1140/epjc/s10052-017-4643-x
229	Stabilities and Dynamics of Protein Folding Nuclei by Molecular Dynamics	Song, Yong-Shun; Zhou, Xin; Zheng, Wei-Mou; Wang, Yan-Ting	COMMUNICATIONS IN THEORETICAL PHYSICS	2017	68	1	137-148	http://dx.doi.org/10.1088/0253-6102/68/1/137
230	Stable strange quark matter objects with running masses and coupling constant	Xia, Cheng-Jun; Zhou, Shan-Gui	NUCLEAR PHYSICS B	2017	916		669-687	http://dx.doi.org/10.1016/j.nuclphysb.2017.01.022
231	Statistical properties of random clique networks	Ding, Yi-Min; Meng, Jun; Fan, Jing-Fang; Ye, Fang-Fu; Chen, Xiao-Song	FRONTIERS OF PHYSICS	2017	12	5	128909	http://dx.doi.org/10.1007/s11467-017-0682-x
232	Status and prospects of light bino-higgsino dark matter in natural SUSY	Abdughani, Murat; Wu, Lei; Yang, Jin Min	EUROPEAN PHYSICAL JOURNAL C	2017	78	1	4	http://dx.doi.org/10.1140/epjc/s10052-017-5485-2
233	Status of CMSSM in light of current LHC Run-2 and LUX data	Han, Chengcheng; Hikasa, Ken-ichi; Wu, Lei; Yang, Jin Min; Zhang, Yang	PHYSICS LETTERS B	2017	769		470-476	http://dx.doi.org/10.1016/j.physletb.2017.04.026
234	Strong homotopy Lie algebras, homotopy Poisson manifolds and Courant algebroids	Lang, Honglei; Sheng, Yunhe; Xu, Xiaomeng	LETTERS IN MATHEMATICAL	2017	107	5	861-885	http://dx.doi.org/10.1007/s11005-016-0925-8
235	Studies of the hybrid star structure within 2+1 flavors NJL model	Li, Cheng-Ming; Zhang, Jin-Li; Zhao, Tong; Zhao, Ya-Peng; Zong, Hong-Shi	PHYSICAL REVIEW D	2017	95	5	56018	http://dx.doi.org/10.1103/PhysRevD.95.056018
236	Study of open-charm 0(+) states in unitarized chiral effective theory with one-loop potentials	Du, Meng-Lin; Guo, Feng-Kun; Meissner, Ulf-G.; Yao, De-Liang	EUROPEAN PHYSICAL JOURNAL C	2017	77	11	728	http://dx.doi.org/10.1140/epjc/s10052-017-5287-6
237	Study of the excited 1(-) charm and charm-strange mesons	Li, Qiang; Jiang, Yue; Wang, Tianhong; Yuan, Han; Wang, Guo-Li; Chang, Chao-Hsi	EUROPEAN PHYSICAL JOURNAL C	2017	77	5	297	http://dx.doi.org/10.1140/epjc/s10052-017-4865-y
238	Subsystem eigenstate thermalization hypothesis for entanglement entropy in	He, Song; Lin, Feng-Li; Zhang, Jia-ju	JOURNAL OF HIGH ENERGY PHYSICS	2017		8	126	http://dx.doi.org/10.1007/JHEP08(2017)126
239	Surface structure of ionic liquids under an external electric field	Shi, Rui; Wang, Yanting	MOLECULAR SIMULATION	2017	43	13-16	1295-1299	http://dx.doi.org/10.1080/08927022.2017.1332412
240	Systematical study of high-spin rotational bands in neutron-deficient Kr isotopes by the extended projected shell model	Wu, Xin-Yi; Ghorui, S. K.; Wang, Long-Jun; Kaneko, K.; Sun, Yang	NUCLEAR PHYSICS A	2017	957		208-229	http://dx.doi.org/10.1016/j.nuclphysa.2016.09.003
241	Systematics of capture and fusion dynamics in heavy-ion collisions	Wang, Bing; Wen, Kai; Zhao, Wei-Juan; Zhao, En-Guang; Zhou, Shan-Gui	ATOMIC DATA AND NUCLEAR DATA TABLES	2017	114		281-370	http://dx.doi.org/10.1016/j.adt.2016.06.003
242	Tau flavored dark matter and its impact on tau Yukawa coupling	Chao, Wei; Guo, Huai-Ke; Li, Hao-Lin	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2017		2	2	http://dx.doi.org/10.1088/1475-7516/2017/02/002
243	Tetrahedral shapes of neutron-rich Zr isotopes from a multidimensionally constrained relativistic Hartree-Bogoliubov model	Zhao, Jie; Lu, Bing-Nan; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW C	2017	95	1	14320	http://dx.doi.org/10.1103/PhysRevC.95.014320
244	The analytical one-loop contributions to Higgs boson mass in the Supersymmetric Standard Model with vector-like particles	Li, Tianjun; Wang, Wenyu; Wang, Xiao-Chuan; Xiong, Zhao-Hua	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2017	32	33	1745002	http://dx.doi.org/10.1142/S0217751X17450026
245	The attribute of rotational profile to the hyperon puzzle in the prediction of heaviest compact star	Bhuyan, M.; Carlson, B. V.; Patra, S. K.; Zhou, Shan-Gui	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2017	26	9	1750052	http://dx.doi.org/10.1142/S0218301317500525
246	The Effective Field Theory of nonsingular cosmology	Cai, Yong; Wan, Youping; Li, Hai-Guang; Qiu, Taotao; Piao, Yun-Song	JOURNAL OF HIGH ENERGY PHYSICS	2017		1	-	http://dx.doi.org/10.1007/JHEP01(2017)090
247	The effective field theory of nonsingular cosmology: II	Cai, Yong; Li, Hai-Guang; Qiu, Taotao; Piao, Yun-Song	EUROPEAN PHYSICAL JOURNAL C	2017	77	6	369	http://dx.doi.org/10.1140/epjc/s10052-017-4938-y
248	The effects of massive graviton on the equilibrium between the black hole and radiation gas in an isolated box	Hu, Ya-Peng; Pan, Feng; Wu, Xin-Meng	PHYSICS LETTERS B	2017	772		553-558	http://dx.doi.org/10.1016/j.physletb.2017.07.019
249	The gravitational waves from the first-order phase transition with a dimension-six operator	Cai, Rong-Gen; Sasaki, Misao; Wang, Shao-Jiang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2017		8	4	http://dx.doi.org/10.1088/1475-7516/2017/08/004
250	The gravitational-wave physics	Cai, Rong-Gen; Cao, Zhoujian; Guo, Zong-Kuan; Wang, Shao-Jiang; Yang, Tao	NATIONAL SCIENCE REVIEW	2017	4	5	687-706	http://dx.doi.org/10.1093/nsr/nwx029
251	The return of the King: No-Scale F-SU(5)	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.	PHYSICS LETTERS B	2017	764		167-173	http://dx.doi.org/10.1016/j.physletb.2016.11.022
252	The Taiji Program in Space for gravitational wave physics and the nature	Hu, Wen-Rui; Wu, Yue-Liang	NATIONAL SCIENCE REVIEW	2017	4	5	685-686	http://dx.doi.org/10.1093/nsr/nwx116
253	Theory of dual fermion superconductivity in hole-doped cuprates	Chang, Jun; Zhao, Jize	EUROPEAN PHYSICAL JOURNAL B	2017	90	8	154	http://dx.doi.org/10.1140/epjb/e2017-80233-2
254	Thermal properties of a two-dimensional intrinsically curved semiflexible	Zhou, Zicong; Wang, Yanting	CHINESE PHYSICS B	2017	26	3	38701	http://dx.doi.org/10.1088/1674-1056/26/3/038701
255	Thermodynamics of Schwarzschild-Beltrami-de Sitter black hole	Liu, Hang; Meng, Xin-He	MODERN PHYSICS LETTERS A	2017	32	27	1750146	http://dx.doi.org/10.1142/S0217732317501462
256	Thin-shell wormholes constrained by cosmological observations	Wang, Deng; Meng, Xin-He	PHYSICS OF THE DARK UNIVERSE	2017	17		46-51	http://dx.doi.org/10.1016/j.dark.2017.08.002
257	Time and frequency structure of causal correlation networks in the China bond market	Wang, Zhongxing; Yan, Yan; Chen, Xiaosong	EUROPEAN PHYSICAL JOURNAL B	2017	90	7	137	http://dx.doi.org/10.1140/epjb/e2017-70049-5
258	Topological Fulde-Ferrell superfluids in triangular lattices	Guo, Long-Fei; Li, Peng; Yi, Su	PHYSICAL REVIEW A	2017	95	6	63610	http://dx.doi.org/10.1103/PhysRevA.95.063610
259	Topological non-Fermi liquid	Cai, Rong-Gen; Qi, Yong-Hui; Wu, Yue-Liang; Zhang, Yun-Long	PHYSICAL REVIEW D	2017	95	12	124026	http://dx.doi.org/10.1103/PhysRevD.95.124026
260	Top-squark in natural SUSY under current LHC run-2 data	Han, Chengcheng; Ren, Jie; Wu, Lei; Yang, Jin Min; Zhang, Mengchao	EUROPEAN PHYSICAL JOURNAL C	2017	77	2	93	http://dx.doi.org/10.1140/epjc/s10052-017-4662-7
261	Transient bi-fractional diffusion: space-time coupling inducing the coexistence of two fractional diffusions	Liu, Jian; Zhu, Yaohui; He, Peisong; Chen, Xiaosong; Bao, Jing-Dong	EUROPEAN PHYSICAL JOURNAL B	2017	90	4	70	http://dx.doi.org/10.1140/epjb/e2017-80060-5
262	Triangle singularity and a possible phi p resonance in the lambda(+) (c) -> pi(0) phi p decay	Xie, Ju-Jun; Guo, Feng-Kun	PHYSICS LETTERS B	2017	774		108-113	http://dx.doi.org/10.1016/j.physletb.2017.09.060
263	Tunnelling Phenomenon near an Apparent Horizon in Two-Dimensional Dilaton	Cao, Li-Ming; Jiang, Xiao-Zhu; Peng, Yu-Xuan	COMMUNICATIONS IN THEORETICAL PHYSICS	2017	68	3	323-328	http://dx.doi.org/10.1088/0253-6102/68/3/323

264	Two types of phase diagrams for two-species Bose-Einstein condensates and the combined effect of the parameters	Li, Z. B.; Liu, Y. M.; Yao, D. X.; Bao, C. G.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2017	50	13	135301	http://dx.doi.org/10.1088/1361-6455/aa7440
265	Two-photon-exchange effects in the unpolarized μp scattering within a hadronic model	Zhou, Hai-Qing	PHYSICAL REVIEW C	2017	95	2	25203	http://dx.doi.org/10.1103/PhysRevC.95.025203
266	Two-pole structure of the $D_0^*(2400)$	Albaladejo, Miguel; Fernandez-Soler, Pedro; Guo, Feng-Kun; Nieves, Juan	PHYSICS LETTERS B	2017	767		465-469	http://dx.doi.org/10.1016/j.physletb.2017.02.036
267	Unified field theory of basic forces and elementary particles with gravitational origin of gauge symmetry in hyper-	Wu, Yue-Liang	SCIENCE BULLETIN	2017	62	16	1109-1113	http://dx.doi.org/10.1016/j.scib.2017.08.005
268	Universal Scaling and Critical Exponents of the Anisotropic Quantum Rabi Model	Liu, Maoxin; Chesi, Stefano; Ying, Zu-Jian; Chen, Xiaosong; Luo, Hong-Gang; Lin, Hai-Qing	PHYSICAL REVIEW LETTERS	2017	119	22	220601	http://dx.doi.org/10.1103/PhysRevLett.119.220601
269	Universality of maximum-work efficiency of a cyclic heat engine based on a finite system of ultracold atoms	Ye, Zhuolin; Hu, Yingying; He, Jizhou; Wang, Jianhui	SCIENTIFIC REPORTS	2017	7		6289	http://dx.doi.org/10.1038/s41598-017-06615-z
270	Vacuum degeneracy in massive gravity: Multiplicity of fundamental scales	Arraut, Ivan; Chelabi, Kaddour	MODERN PHYSICS LETTERS A	2017	32	21	1750112	http://dx.doi.org/10.1142/S0217732317501127
271	Van der Waals phase transition in the framework of holography	Zeng, Xiao-Xiong; Li, Li-Fang	PHYSICS LETTERS B	2017	764		100-108	http://dx.doi.org/10.1016/j.physletb.2016.11.017
272	We have confidence to lead gravitational-wave science: an interview with Yueliang	Jia, Hepeng; Wu, Yueliang	NATIONAL SCIENCE REVIEW	2017	4	5	718-720	http://dx.doi.org/10.1093/nsr/nwx072
273	X (4260) revisited: A coupled channel perspective	Lu, Yu; Anwar, Muhammad Naeem; Zou, Bing-Song	PHYSICAL REVIEW D	2017	96	11	114022	http://dx.doi.org/10.1103/PhysRevD.96.114022