SCI Papers of ITP in 2015

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	(B)over-bar(0) decay into D-0 and f(0)(500), f(0)(980), a(0)(980), rho and (B)over-bar(s)(0) decay into D-0 and kappa(800), K*(0)	Liang, Wei-Hong; Xie, Ju-Jun; Oset, E.	PHYSICAL REVIEW D	2015	92	3	34008	http://dx.doi.org/10.1103/PhysRevD.92.034008
2	(B)over-bar(0), B- and (B)over-bar(S)(0) decays into J/psi and K (K)over-bar or pi eta	Liang, Wei-Hong; Xie, Ju-Jun; Oset, E.	EUROPEAN PHYSICAL JOURNAL C	2015	75	12	609	http://dx.doi.org/10.1140/epjc/s10052-015-3827-5
3	2+1 flavors QCD equation of state at zero temperature within Dyson-Schwinger equations	Xu, Shu-Sheng; Yan, Yan; Cui, Zhu-Fang; Zong, Hong-Shi	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2015	30	36	1550217	http://dx.doi.org/10.1142/S0217751X15502176
4	A combined fit on the annihilation corrections in B-u,B-d,B-s -> PP decays within QCDF	Chang, Qin; Sun, Junfeng; Yang, Yueling; Li, Xiaonan	PHYSICS LETTERS B	2015	740		56-60	http://dx.doi.org/10.1016/j.physletb.2014.11.027
5	A general theory of kinetics and thermodynamics of steady-state copolymerization	Shu, Yao-Gen; Song, Yong-Shun; Ou-Yang, Zhong-Can; Li, Ming	JOURNAL OF PHYSICS-CONDENSED MATTER	2015	27	23	235105	http://dx.doi.org/10.1088/0953-8984/27/23/235105
6	A Model-Independent Discussion of Quark Number Density and Quark Condensate at Zero Temperature and Finite Quark Chemical Potential	Xu Shu-Sheng; Jiang Yu; Shi Chao; Cui Zhu-Fang; Zong Hong-Shi	CHINESE PHYSICS LETTERS	2015	32	12	121101	http://dx.doi.org/10.1088/0256-307X/32/12/121101
7	A New Skyrme Energy Density Functional for a Better Description of Spin-isospin Resonances	Roca-Maza, X.; Colo, G.; Cao, Li-Gang; Sagawa, H.	NUCLEAR STRUCTURE AND DYNAMICS '15	2015	1681		40004	http://dx.doi.org/10.1063/1.4932265
8	A NOT operation on Majorana qubits with mobilizable solitons in an extended Su-Schrieffer-Heeger model	Xiong, Ye; Tong, Peiqing	NEW JOURNAL OF PHYSICS	2015	17		13017	http://dx.doi.org/10.1088/1367-2630/17/1/013017
9	A note on the resolution of the entropy discrepancy	Huang, Yue; Miao, Rong-Xin	PHYSICS LETTERS B	2015	749		489-494	http://dx.doi.org/10.1016/j.physletb.2015.08.039
10	A split SUSY model from SUSY GUT	Wang, Fei; Wang, Wenyu; Yang, Jin Min	JOURNAL OF HIGH ENERGY PHYSICS	2015		3	50	http://dx.doi.org/10.1007/JHEP03(2015)050
11	A unified description for dipoles of the fine-structure constant and SnIa Hubble diagram in Finslerian universe	Li, Xin; Lin, Hai-Nan; Wang, Sai; Chang, Zhe	EUROPEAN PHYSICAL JOURNAL C	2015	75	5	181	http://dx.doi.org/10.1140/epjc/s10052-015-3380-2
12	Accidental dark matter: Case in the scale invariant local B - L model	Guo, Jun; Kang, Zhaofeng; Ko, P.; Orikasa, Yuta	PHYSICAL REVIEW D	2015	91	11	115017	http://dx.doi.org/10.1103/PhysRevD.91.115017
13	Accurate disulfide-bonding network predictions improve ab initio structure prediction of cysteine-rich proteins	Yang, Jing; He, Bao-Ji; Jang, Richard; Zhang, Yang; Shen, Hong-Bin	BIOINFORMATICS	2015	31	23	3773-3781	http://dx.doi.org/10.1093/bioinformatics/btv459
14	Advantages of nonclassical pointer states in postselected weak measurements	Turek, Yusuf; Maimaiti, W.; Shikano, Yutaka; Sun, Chang-Pu; Al-Amri, M.	PHYSICAL REVIEW A	2015	92	2	22109	http://dx.doi.org/10.1103/PhysRevA.92.022109
15	Algebraic structure of the two-qubit quantum Rabi model and its solvability using Bogoliubov operators	Peng, Jie; Ren, Zhongzhou; Yang, Haitao; Guo, Guangjie; Zhang, Xin; Ju, Guoxing; Guo, Xiaoyong; Deng, Chaosheng; Hao, Guolin	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2015	48	28	285301	http://dx.doi.org/10.1088/1751-8113/48/28/285301
16	Alpha decay of the new isotope U-215	Yang, H. B.; Zhang, Z. Y.; Wang, J. G.; Gan, Z. G.; Ma, L.; Yu, L.; Jiang, J.; Tian, Y. L.; Ding, B.; Guo, S.; Wang, Y. S.; Huang, T. H.; Sun, M. D.; Wang, K. L.; Zhou, S. G.; Ren, Z. Z.; Zhou, X. H.; Xu, H. S.; Xiao, G. Q.	EUROPEAN PHYSICAL JOURNAL A	2015	51	7	88	http://dx.doi.org/10.1140/epja/i2015-15088-9
17	alpha-decay properties of the new isotope U-216	Ma, L.; Zhang, Z. Y.; Gan, Z. G.; Yang, H. B.; Yu, L.; Jiang, J.; Wang, J. G.; Tian, Y. L.; Wang, Y. S.; Guo, S.; Ding, B.; Ren, Z. Z.; Zhou, S. G.; Zhou, X. H.; Xu, H. S.; Xiao, G. Q.	PHYSICAL REVIEW C	2015	91	5	51302	http://dx.doi.org/10.1103/PhysRevC.91.051302
18	An accurate determination of the Hubble constant from baryon acoustic oscillation datasets	Cheng Cheng; Huang QingGuo	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	9	599801	http://dx.doi.org/10.1007/s11433-015-5684-5
19	Analysis of two-body charmed B meson decays in factorization-assisted topological-amplitude approach	Zhou, Si-Hong; Wei, Yan-Bing; Qin, Qin; Li, Ying; Yu, Fu-Sheng; Lu, Cai-Dian	PHYSICAL REVIEW D	2015	92	9	94016	http://dx.doi.org/10.1103/PhysRevD.92.094016
20	Analytical continuation from bound to resonant states in the Dirac equation with quadrupole-deformed potentials	Xu, Xu-Dong; Zhang, Shi-Sheng; Signoracci, A. J.; Smith, M. S.; Li, Z. P.	PHYSICAL REVIEW C	2015	92	2	24324	http://dx.doi.org/10.1103/PhysRevC.92.024324

21	Analytical description for the critical fixations of evolutionary coordination games on finite complex structured populations	Zhang, Liye; Zou, Yong; Guan, Shuguang; Liu, Zonghua	PHYSICAL REVIEW E	2015	91	4	42807	http://dx.doi.org/10.1103/PhysRevE.91.042807
22	Analytical Solution for the Anisotropic Rabi Model: Effects of Counter-Rotating Terms	Zhang, Guofeng; Zhu, Hanjie	SCIENTIFIC REPORTS	2015	5		8756	http://dx.doi.org/10.1038/srep08756
23	Analyzing long-term correlated stochastic processes by means of recurrence networks: Potentials and pitfalls	Zou, Yong; Donner, Reik V.; Kurths, Juergen	PHYSICAL REVIEW E	2015	91	2	22926	http://dx.doi.org/10.1103/PhysRevE.91.022926
24	Anisotropic Fermi surface from holography	Fang, Li Qing; Ge, Xian-hui; Wu, Jian-Pin; Leng, Hong-Qiang	PHYSICAL REVIEW D	2015	91	12	126009	http://dx.doi.org/10.1103/PhysRevD.91.126009
25	Anisotropic inflation in the Finsler spacetime	Li, Xin; Wang, Sai; Chang, Zhe	EUROPEAN PHYSICAL JOURNAL C	2015	75	6	260	http://dx.doi.org/10.1140/epjc/s10052-015-3468-8
26	Anomalous barrier escaping in an externally modulated environment of system-reservoir coupling	Wang, Chun-Yang	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2015	29	4	1550012	http://dx.doi.org/10.1142/S0217979215500125
27	Anomalous Quantum Glass of Bosons in a Random Potential in Two Dimensions	Wang, Yancheng; Guo, Wenan; Sandvik, Anders W.	PHYSICAL REVIEW LETTERS	2015	114	10	105303	http://dx.doi.org/10.1103/PhysRevLett.114.105303
28	Anthropic considerations in nuclear physics	Meissner, Ulf-G.	SCIENCE BULLETIN	2015	60	1	43-54	http://dx.doi.org/10.1007/s11434-014-0670-2
29	Antisymmetric tensor field and spontaneous magnetization in holographic duality	Cai, Rong-Gen; Yang, Run-Qiu	PHYSICAL REVIEW D	2015	92	4	46001	http://dx.doi.org/10.1103/PhysRevD.92.046001
30	Are long gamma-ray bursts standard candles?	Lin, Hai-Nan; Li, Xin; Wang, Sai; Chang, Zhe	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2015	453	1	128-132	http://dx.doi.org/10.1093/mnras/stv1624
31	Asymptotic expressions for the hyperfine populations in the ground state of spin-1 condensates against a magnetic field	Liu, Y. M.; He, Y. Z.; Bao, C. G.	PHYSICAL REVIEW A	2015	92	4	43617	http://dx.doi.org/10.1103/PhysRevA.92.043617
32	ATLAS Z-peaked excess in the MSSM with a light sbottom or stop	Kobakhidze, Archil; Liu, Ning; Wu, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2015	92	7	75008	http://dx.doi.org/10.1103/PhysRevD.92.075008
33	B -> X-s gamma in the minimal gauged (B - L) supersymmetry	Feng, Tai-Fu; Yan, Yu-Li; Zhang, Hai-Bin; Zhao, Shu-Min	PHYSICAL REVIEW D	2015	92	5	55024	http://dx.doi.org/10.1103/PhysRevD.92.055024
34	BCVEGPY2.2: A newly upgraded version for hadronic production of the meson B-c and its excited states	Chang, Chao-Hsi; Wang, Xian-You; Wu, Xing-Gang	COMPUTER PHYSICS COMMUNICATIONS	2015	197		335-338	http://dx.doi.org/10.1016/j.cpc.2015.07.015
35	beta(+)/EC decay rates of deformed neutron-deficient nuclei in the deformed QRPA with realistic interactions	Ni, Dongdong; Ren, Zhongzhou	PHYSICS LETTERS B	2015	744		22-27	http://dx.doi.org/10.1016/j.physletb.2015.03.025
36	beta-decay rates of odd-mass neutron-rich isotopes in the deformed quasiparticle random-phase approximation with realistic interactions	Ni, Dongdong; Ren, Zhongzhou	PHYSICAL REVIEW C	2015	92	3	34324	http://dx.doi.org/10.1103/PhysRevC.92.034324
37	Bipartite and tripartite output entanglement in three-mode optomechanical systems	Wang, Ying-Dan; Chesi, Stefano; Clerk, Aashish A.	PHYSICAL REVIEW A	2015	91	1	13807	http://dx.doi.org/10.1103/PhysRevA.91.013807
38	Black hole entropy arising from massless scalar field with Lorentz violation induced by the coupling to Einstein tensor	Chen, Songbai; Jing, Jiliang; Liao, Hao	PHYSICS LETTERS B	2015	751		474-478	http://dx.doi.org/10.1016/j.physletb.2015.10.087
39	Bounce inflation cosmology with Standard Model Higgs boson	Wan, Youping; Qiu, Taotao; Huang, Fa Peng; Cai, Yi-Fu; Li, Hong; Zhang, Xinmin	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		12	19	http://dx.doi.org/10.1088/1475-7516/2015/12/019
40	Brush in the bath of active particles: Anomalous stretching of chains and distribution of particles	Li, Hui-shu; Zhang, Bo-kai; Li, Jian; Tian, Wen-de; Chen, Kang	JOURNAL OF CHEMICAL PHYSICS	2015	143	22	224903	http://dx.doi.org/10.1063/1.4936921
41	B-s(0)-(B)over-bar(s)(0) mixing within minimal flavor-violating two-Higgs-doublet models	Chang, Qin; Li, Pei-Fu; Li, Xin-Qiang	EUROPEAN PHYSICAL JOURNAL C	2015	75	12	594	http://dx.doi.org/10.1140/epjc/s10052-015-3813-y
42	Bs,d - (B)over-bars,d mixings and Bs,d -> l(+)l(-) decays within the Manohar-Wise model	Cheng, Xiao-Dong; Li, Xin-Qiang; Yang, Ya-Dong; Zhang, Xin	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2015	42	12	125005	http://dx.doi.org/10.1088/0954-3899/42/12/125005
43	Building a doped Mott system by holography	Ling, Yi; Liu, Peng; Niu, Chao; Wu, Jian-Pin	PHYSICAL REVIEW D	2015	92	8	86003	http://dx.doi.org/10.1103/PhysRevD.92.086003
44	CAN BLACK HOLE NEUTRINO-COOLED DISKS POWER SHORT GAMMA-RAY BURSTS?	Liu, Tong; Lin, Yi-Qing; Hou, Shu-Jin; Gu, Wei-Min	ASTROPHYSICAL JOURNAL	2015	806	1	58	http://dx.doi.org/10.1088/0004-637X/806/1/58
45	CAN BLACK HOLE NEUTRINO-COOLED DISKS POWER SHORT GAMMA-RAY BURSTS?	Liu, Tong; Lin, Yi-Qing; Hou, Shu-Jin; Gu, Wei-Min	ASTROPHYSICAL JOURNAL	2015	806	1	58	http://dx.doi.org/10.1088/0004-637X/806/1/58
46	Can Nano-Particle Melt below the Melting Temperature of Its Free Surface Partner?	Sui Xiao-Hong; Wang Zong-Guo; Kang Kai; Qin Shao-Jing; Wang Chui-Lin	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	63	2	249-254	http://dx.doi.org/10.1088/0253-6102/63/2/19
47	Can Nonrelativistic QCD Explain the gamma gamma* -> eta(c) Transition Form Factor Data?	Feng, Feng; Jia, Yu; Sang, Wen-Long	PHYSICAL REVIEW LETTERS	2015	115	22	222001	http://dx.doi.org/10.1103/PhysRevLett.115.222001
48	Cancellations Between Two-Loop Contributions to the Electron Electric Dipole Moment with a CP-Violating Higgs Sector	Bian, Ligong; Liu, Tao; Shu, Jing	PHYSICAL REVIEW LETTERS	2015	115	2	21801	http://dx.doi.org/10.1103/PhysRevLett.115.021801

49	Chaotic inflation in no-scale supergravity with string inspired moduli stabilization	Li, Tianjun; Li, Zhijin; Nanopoulos, Dimitri V.	EUROPEAN PHYSICAL JOURNAL C	2015	75	2	55	http://dx.doi.org/10.1140/epjc/s10052-015-3291-2
50	Chiral dynamics and S-wave contributions in semileptonic D-s/B-s decays into pi(+)pi(-)	Shi, Yu-Ji; Wang, Wei	PHYSICAL REVIEW D	2015	92	7	74038	http://dx.doi.org/10.1103/PhysRevD.92.074038
51	Chiral phase transition with a chiral chemical potential in the framework of Dyson-Schwinger equations	Xu, Shu-Sheng; Cui, Zhu-Fang; Wang, Bin; Shi, Yuan-Mei; Yang, You-Chang; Zong, Hong-Shi	PHYSICAL REVIEW D	2015	91	5	56003	http://dx.doi.org/10.1103/PhysRevD.91.056003
52	Chiral Spin Density Wave Order on the Frustrated Honeycomb and Bilayer Triangle Lattice Hubbard Model at Half-Filling	Jiang, Kun; Zhang, Yi; Zhou, Sen; Wang, Ziqiang	PHYSICAL REVIEW LETTERS	2015	114	21	216402	http://dx.doi.org/10.1103/PhysRevLett.114.216402
53	Cluster approach to the structure of Pu-240	Shneidman, T. M.; Adamian, G. G.; Antonenko, N. V.; Jolos, R. V.; Zhou, Shan-Gui	PHYSICAL REVIEW C	2015	92	3	34302	http://dx.doi.org/10.1103/PhysRevC.92.034302
54	Coexistence and competition of ferromagnetism and p-wave superconductivity in holographic model	Cai, Rong-Gen; Yang, Run-Qiu	PHYSICAL REVIEW D	2015	91	2	26001	http://dx.doi.org/10.1103/PhysRevD.91.026001
55	Coherent zero-field magnetization resonance in a dipolar spin-1 Bose-Einstein condensate	Zhang, Wenxian; Yi, S.; Chapman, M. S.; You, J. Q.	PHYSICAL REVIEW A	2015	92	2	23615	http://dx.doi.org/10.1103/PhysRevA.92.023615
56	Collective modes in a Dirac insulator with short range interactions	Luo, Xi; Yu, Yue; Liang, Long	PHYSICAL REVIEW B	2015	91	12	125126	http://dx.doi.org/10.1103/PhysRevB.91.125126
57	Comment on Abelian Chern-Simons-Maxwell Theory from a Tight-Binding Model of Spinless Fermions	Luo, Xi; Lan, Yuanpei; Yu, Yue; Liang, Long	PHYSICAL REVIEW LETTERS	2015	114	24	249101	http://dx.doi.org/10.1103/PhysRevLett.114.249101
58	Completely packed O(n) loop models and their relation with exactly solved coloring models	Wang, Yougang; Guo, Wenan; Blote, Henk W. J.	PHYSICAL REVIEW E	2015	91	3	32123	http://dx.doi.org/10.1103/PhysRevE.91.032123
59	Condensation for non-relativistic matter in Horava-Lifshitz gravity	Jing, Jiliang; Chen, Songbai; Pan, Qiyuan	PHYSICS LETTERS B	2015	749		376-382	http://dx.doi.org/10.1016/j.physletb.2015.08.009
60	Conditional entropy in variation-adjusted windows detects selection signatures associated with expression quantitative trait loci (eQTLs)	Handelman, Samuel K.; Seweryn, Michal; Smith, Ryan M.; Hartmann, Katherine; Wang, Danxin; Pietrzak, Maciej; Johnson, Andrew D.; Kloczkowski, Andrzej; Sadee, Wolfgang	BMC GENOMICS	2015	16		S8	http://dx.doi.org/10.1186/1471-2164-16-S8-S8
61	Configuration-constrained cranking Hartree-Fock pairing calculations for sidebands of nuclei	Liang, W. Y.; Jiao, C. F.; Wu, Q.; Fu, X. M.; Xu, F. R.	PHYSICAL REVIEW C	2015	92	6	64325	http://dx.doi.org/10.1103/PhysRevC.92.064325
62	Conformal invariant cosmological perturbations via the covariant approach	Li, Mingzhe; Mon, Yicen	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		10	37	http://dx.doi.org/10.1088/1475-7516/2015/10/037
63	Confronting electroweak fine-tuning with No-Scale Supergravity	Leggett, Tristan; Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICS LETTERS B	2015	740		66-72	http://dx.doi.org/10.1016/j.physletb.2014.11.023
64	Constraining Equation of State of Dark Matter: Including Weak Gravitational Lensing	Yang Lei; Yang Wei-Qiang; Xu Li-Xin	CHINESE PHYSICS LETTERS	2015	32	5	59801	http://dx.doi.org/10.1088/0256-307X/32/5/059801
65	Constraint on inflation model from BICEP2 and WMAP 9-year data	Cheng, Cheng; Huang, Qing-Guo	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2015	24	4	1541001	http://dx.doi.org/10.1142/S0218271815410011
66	Constraints on f(R) gravity through the redshift space distortion	Xu, Lixin	PHYSICAL REVIEW D	2015	91	6	63008	http://dx.doi.org/10.1103/PhysRevD.91.063008
67	Constraints on hard spectator scattering and annihilation corrections in decays within QCD factorization	Sun, Junfeng; Chang, Qin; Hu, Xiaohui; Yang, Yueling	PHYSICS LETTERS B	2015	743		444-450	http://dx.doi.org/10.1016/j.physletb.2015.03.001
68	Constraints on the neutron skin and symmetry energy from the anti-analog giant dipole resonance in Pb-208	Cao, Li-Gang; Roca-Maza, X.; Colo, G.; Sagawa, H.	PHYSICAL REVIEW C	2015	92	3	34308	http://dx.doi.org/10.1103/PhysRevC.92.034308
69	Construction of AFLT States for W-N circle times H Symmetry, Analytic Continuation and Integrability on AGT Relation	Liu Zhi-Sheng; Shou Bao; Wu Jian-Feng; Xu Ying-Ying; Yu Ming	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	63	4	487-498	http://dx.doi.org/10.1088/0253-6102/63/4/487
70	Controlling migration of a pair of correlated particles by doubly modulated fields	Zheng, Yi; Yang, Shi-Jie	NEW JOURNAL OF PHYSICS	2015	18		13005	http://dx.doi.org/10.1088/1367-2630/18/1/013005
71	Correlated lateral phase separations in stacks of lipid membranes	Hoshino, Takuma; Komura, Shigeyuki; Andelman, David	JOURNAL OF CHEMICAL PHYSICS	2015	143	24	243124	http://dx.doi.org/10.1063/1.4934984
72	Cosmic ray propagation and dark matter in light of the latest AMS-02 data	Jin, Hong-Bo; Wu, Yue-Liang; Zhou, Yu-Feng	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		9	49	http://dx.doi.org/10.1088/1475-7516/2015/09/049
73	Could the X(3915) and the X(3930) Be the Same Tensor State?	Zhou, Zhi-Yong; Xiao, Zhiguang; Zhou, Hai-Qing	PHYSICAL REVIEW LETTERS	2015	115	2	22001	http://dx.doi.org/10.1103/PhysRevLett.115.022001
74	Counterterms in massive gravity theory	Cao, Li-Ming; Peng, Yuxuan	PHYSICAL REVIEW D	2015	92	12	124052	http://dx.doi.org/10.1103/PhysRevD.92.124052
75	Coupled spin-vortex pair in dipolar spinor Bose-Einstein condensates	Li, Tiantian; Yi, Su; Zhang, Yunbo	PHYSICAL REVIEW A	2015	92	6	63603	http://dx.doi.org/10.1103/PhysRevA.92.063603

76	Covalent intermolecular interaction of the nitric oxide dimer (NO)(2)	Zhang Hui; Zheng Gui-Li; Lv Gang; Geng Yi-Zhao; Ji Qing	CHINESE PHYSICS B	2015	24	9	93101	http://dx.doi.org/10.1088/1674-1056/24/9/093101
77	Critical Behaviors and Universality Classes of Percolation Phase Transitions on Two-Dimensional Square Lattice	Zhu Yong; Yang Zi-Qing; Zhang Xin; Chen Xiao-Song	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	64	2	231-236	http://dx.doi.org/10.1088/0253-6102/64/2/231
78	Critical behaviors near the (tri-)critical end point of QCD within the NJL model	Lu, Ya; Du, Yi-Lun; Cui, Zhu-Fang; Zong, Hong-Shi	EUROPEAN PHYSICAL JOURNAL C	2015	75	10	495	http://dx.doi.org/10.1140/epjc/s10052-015-3720-2
79	Dark Solitons for the Defocusing Cubic Nonlinear Schrodinger Equation with the Spatially Periodic Potential and Non linearity	Yan Zhen-Ya; Yan Fang-Chi	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	64	3	309-319	
80	Dark Z implication for flavor physics	Xu, Fanrong	JOURNAL OF HIGH ENERGY PHYSICS	2015		6	170	http://dx.doi.org/10.1007/JHEP06(2015)170
81	DC and Hall conductivity in holographic massive Einstein-Maxwell-Dilaton gravity	Zhou, Zhenhua; Wu, Jian-Pin; Ling, Yi	JOURNAL OF HIGH ENERGY PHYSICS	2015		8	67	http://dx.doi.org/10.1007/JHEP08(2015)067
82	Decay widths of the spin-2 partners of the X(3872)	Albaladejo, Miguel; Guo, Feng-Kun; Hidalgo-Duque, Carlos; Nieves, Juan; Valderrama, Manuel Pavon	EUROPEAN PHYSICAL JOURNAL C	2015	75	11	547	http://dx.doi.org/10.1140/epjc/s10052-015-3753-6
83	Deflected anomaly mediated SUSY breaking scenario with general messenger-matter interactions	Wang, Fei	PHYSICS LETTERS B	2015	751		402-407	http://dx.doi.org/10.1016/j.physletb.2015.10.065
84	DEPENDENCE OF ENDOCYTOSIS CAUSED BY DEPLETION EFFECTS ON THE ASPECT RATIO OF COLLOIDAL PARTICLE	Zeng, Yan; Liu, Yanhui; Chen, Yingbing; Mao, Wei; Hu, Lin; Mao, Zongliang; Song, Xiaoyi; Xu, Houqiang	JOURNAL OF BIOLOGICAL SYSTEMS	2015	23	1	-	http://dx.doi.org/10.1142/S0218339015500035
85	Descope of the ALIA mission	Gong, Xuefei; Lau, Yun-Kau; Xu, Shengnian; Amaro-Seoane, Pau; Bai, Shan; Bian, Xing; Cao, Zhoujian; Chen, Gerui; Chen, Xian; Ding, Yanwei; Dong, Peng; Gao, Wei; Heinzel, Gerhard; Li, Ming; Li, Shuo; Liu, Fukun; Luo, Ziren; Shao, Mingxue; Spurzem, Rainer; Sun, Baosan; Tang, Wenlin; Wang, Yan; Xu, Peng; Yu, Pin; Yuan, Yefei; Zhang, Xiaomin; Zhou, Zebing	10TH INTERNATIONAL LISA SYMPOSIUM	2015	610		12011	http://dx.doi.org/10.1088/1742-6596/610/1/012011
86	Diabolical points in multi-scatterer optomechanical systems	Chesi, Stefano; Wang, Ying-Dan; Twamley, Jason	SCIENTIFIC REPORTS	2015	5		7816	http://dx.doi.org/10.1038/srep07816
87	Direct Detection of Dark Matter with Resonant Annihilation	Li Bo; Zhou Yu-Feng	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	64	1	119-126	http://dx.doi.org/10.1088/0253-6102/64/1/119
88	Discontinuity and Protection of Quantum Fisher Information for a Two-Qubit System*	Wang Guo-You; Yuan Ji-Bing; Zeng Hao-Sheng	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	64	5	495-500	http://dx.doi.org/10.1088/0253-6102/64/5/495
89	Discrete Boltzmann modeling of multiphase flows: hydrodynamic and thermodynamic non-equilibrium effects	Gan, Yanbiao; Xu, Aiguo; Zhang, Guangcai; Succi, Sauro	SOFT MATTER	2015	11	26	5336-5345	http://dx.doi.org/10.1039/c5sm01125f
90	Discussion of Various Susceptibilities within Thermal and Dense Quantum Chromodynamics	Xu Shu-Sheng; Shi Yuan-Mei; Yang You-Chang; Cui Zhu-Fang; Zong Hong-Shi	CHINESE PHYSICS LETTERS	2015	32	12	121203	http://dx.doi.org/10.1088/0256-307X/32/12/121203
91	Disentangling the nature of resonances in coupled-channel models	Cao Xu	CHINESE PHYSICS C	2015	39	4	41002	http://dx.doi.org/10.1088/1674-1137/39/4/041002
92	Distance priors from Planck 2015 data	Huang, Qing-Guo; Wang, Ke; Wang, Sai	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		12	22	http://dx.doi.org/10.1088/1475-7516/2015/12/022
93	Distinguishing near-threshold pole effects from cusp effects	Zhou, Zhi-Yong; Xiao, Zhiguang	PHYSICAL REVIEW D	2015	92	9	94024	http://dx.doi.org/10.1103/PhysRevD.92.094024
94	Dynamic Isovector Reorientation of Deuteron as a Probe to Nuclear Symmetry Energy	Ou, Li; Xiao, Zhigang; Yi, Han; Wang, Ning; Liu, Min; Tian, Junlong	PHYSICAL REVIEW LETTERS	2015	115	21	212501	http://dx.doi.org/10.1103/PhysRevLett.115.212501
95	Dynamical and statistical description of multifragmentation in heavy-ion collisions	Mao, Lihua; Wang, Ning; Ou, Li	PHYSICAL REVIEW C	2015	91	4	44604	http://dx.doi.org/10.1103/PhysRevC.91.044604
96	Dynamical chiral symmetry breaking in the NJL model with a constant external magnetic field	Shi, Song; Yang, You-Chang; Xia, Yong-Hui; Cui, Zhu-Fang; Liu, Xiao-Jun; Zong, Hong-Shi	PHYSICAL REVIEW D	2015	91	3	36006	http://dx.doi.org/10.1103/PhysRevD.91.036006
97	Dynamical continuous time random walk	Liu, Jian; Yang, Bo; Chen, Xiaosong; Bao, Jing-Dong	EUROPEAN PHYSICAL JOURNAL B	2015	88	4	88	http://dx.doi.org/10.1140/epjb/e2015-60056-y

98	Dynamical effects of spin-dependent interactions in low- and intermediate-energy heavy-ion reactions	Xu, Jun; Li, Bao-An; Shen, Wen-Qing; Xia, Yin	FRONTIERS OF PHYSICS	2015	10	6	102501	http://dx.doi.org/10.1007/s11467-015-0479-8
99	Dynamically generated gap from holography in the charged black brane with hyperscaling violation	Kuang, Xiao-Mei; Papantonopoulos, Eleftherios; Wang, Bin; Wu, Jian-Pin	JOURNAL OF HIGH ENERGY PHYSICS	2015		4	137	http://dx.doi.org/10.1007/JHEP04(2015)137
100	Dynamically induced two-color nonreciprocity in a tripod system of a moving atomic lattice	Yang, Liu; Zhang, Yan; Yan, Xiao-Bo; Sheng, Ying; Cui, Cui-Li; Wu, Jin-Hui	PHYSICAL REVIEW A	2015	92	5	53859	http://dx.doi.org/10.1103/PhysRevA.92.053859
101	Dyson-Schwinger Equations of Chiral Chemical Potential	Tian Ya-Lan; Cui Zhu-Fang; Wang Bin; Shi Yuan-Mei; Yang You-Chang; Zong Hong-Shi	CHINESE PHYSICS LETTERS	2015	32	8	81101	http://dx.doi.org/10.1088/0256-307X/32/8/081101
102	Effect of Delta potential on the pi(-)/pi(+) ratio in heavy-ion collisions at intermediate energies	Guo, Wen-Mei; Yong, Gao-Chan; Zuo, Wei	PHYSICAL REVIEW C	2015	92	5	54619	http://dx.doi.org/10.1103/PhysRevC.92.054619
103	Effect of tensor force on the density dependence of symmetry energy within the BHF framework	Pei, Wang; Wei, Zuo	CHINESE PHYSICS C	2015	39	1	14101	http://dx.doi.org/10.1088/1674-1137/39/1/014101
104	Effect of the chiral chemical potential on the position of the critical endpoint	Wang, Bin; Wang, Yong-Long; Cui, Zhu-Fang; Zong, Hong-Shi	PHYSICAL REVIEW D	2015	91	3	34017	http://dx.doi.org/10.1103/PhysRevD.91.034017
105	Effective Field Theory Approach to b -> sll((1)), B -> K-(*) nu(nu)over-bar and B -> D(*)tau nu with Third Generation Couplings	Calibbi, Lorenzo; Crivellin, Andreas; Ota, Toshihiko	PHYSICAL REVIEW LETTERS	2015	115	18	181801	http://dx.doi.org/10.1103/PhysRevLett.115.181801
106	Effects of a Nc(c)over-bar* resonance with hidden charm in the pi(-)p -> D-Sigma(+)(c) reaction near threshold	Garzon, E. J.; Xie, Ju-Jun	PHYSICAL REVIEW C	2015	92	3	35201	http://dx.doi.org/10.1103/PhysRevC.92.035201
107	Effects of electron screening on alpha-decay half-lives in different external environments	Wan, Niu; Xu, Chang; Ren, Zhongzhou	PHYSICAL REVIEW C	2015	92	2	24301	http://dx.doi.org/10.1103/PhysRevC.92.024301
108	Effects of pion potential and nuclear symmetry energy on the pi(-)/pi(+) ratio in heavy-ion collisions at beam energies around the pion production threshold	Guo, Wen-Mei; Yong, Gao-Chan; Liu, Hang; Zuo, Wei	PHYSICAL REVIEW C	2015	91	5	54616	http://dx.doi.org/10.1103/PhysRevC.91.054616
109	Efficiency at maximum power of a quantum heat engine based on two coupled oscillators	Wang, Jianhui; Ye, Zhuolin; Lai, Yiming; Li, Weisheng; He, Jizhou	PHYSICAL REVIEW E	2015	91	6	62134	http://dx.doi.org/10.1103/PhysRevE.91.062134
110	Electronic Structure and Optical Properties in Uranium Dioxide: the First Principle Calculations	Sui Peng-Fei; Dai Zhen-Hong; Zhang Xiao-Ling; Zhao Yin-Chang	CHINESE PHYSICS LETTERS	2015	32	7	77101	http://dx.doi.org/10.1088/0256-307X/32/7/077101
111	Electroweak supersymmetry from the generalized minimal supergravity model in the MSSM	Li, Tianjun; Raza, Shabbar	PHYSICAL REVIEW D	2015	91	5	55016	http://dx.doi.org/10.1103/PhysRevD.91.055016
112	Eliashberg analysis of Bi2Sr2CaCu2O8+delta intrinsic tunneling spectra	Sui, Xiao-Hong; Tang, H.; Zhao, S. P.; Su, Zhao-Bin	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	2015	511		15-19	http://dx.doi.org/10.1016/j.physc.2015.02.005
113	Emergent topological excitations in a two-dimensional quantum spin system	Shao, Hui; Guo, Wenan; Sandvik, Anders W.	PHYSICAL REVIEW B	2015	91	9	94426	http://dx.doi.org/10.1103/PhysRevB.91.094426
114	Entanglement concentration with strong projective measurement in an optomechanical system	Maimaiti, Wulayimu; Li Zhe; Chesi, Stefano; Wang YingDan	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	5	50309	http://dx.doi.org/10.1007/s11433-015-5657-8
115	Entanglement entropy for descendent local operators in 2D CFTs	Chen, Bin; Guo, Wu-Zhong; He, Song; Wu, Jie-qiang	JOURNAL OF HIGH ENERGY PHYSICS	2015		10	173	http://dx.doi.org/10.1007/JHEP10(2015)173
116	Entanglement entropy in a holographic p-wave superconductor model	Li, Li-Fang; Cai, Rong-Gen; Li, Li; Shen, Chao	NUCLEAR PHYSICS B	2015	894		15-28	http://dx.doi.org/10.1016/j.nuclphysb.2015.02.023
117	Entropic mechanisms with generalized scalar fields in the Ekpyrotic universe	Li, Mingzhe	PHYSICS LETTERS B	2015	741		320-326	http://dx.doi.org/10.1016/j.physletb.2015.01.009
118	Entropy bound of horizons for charged and rotating black holes	Xu, Wei; Wang, Jia; Meng, Xin-he	PHYSICS LETTERS B	2015	746		53-58	http://dx.doi.org/10.1016/j.physletb.2015.04.050
119	Entropy relations and the application of black holes with the cosmological constant and Gauss-Bonnet term	Xu, Wei; Wang, Jia; Meng, Xin-he	PHYSICS LETTERS B	2015	742		225-230	http://dx.doi.org/10.1016/j.physletb.2015.01.018
120	Evaluating accuracy of community detection using the relative normalized mutual information	Zhang, Pan	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2015			P11006	http://dx.doi.org/10.1088/1742-5468/2015/11/P11006
121	Evolution of ground-state quadrupole and octupole stiffnesses in even-even barium isotopes	Wang, Hua-Lei; Yang, Jie; Liu, Min-Liang; Xu, Fu-Rong	PHYSICAL REVIEW C	2015	92	2	24303	http://dx.doi.org/10.1103/PhysRevC.92.024303
122	Exclusive decay of the upsilon into h(c), the X(3940) and X(4160)	Zhu, Ruilin	PHYSICAL REVIEW D	2015	92	7	74017	http://dx.doi.org/10.1103/PhysRevD.92.074017
123	Expected number of quantum channels in quantum networks	Chen, Xi; Wang, He-Ming; Ji, Dan-Tong; Mu, Liang-Zhu; Fan, Heng	SCIENTIFIC REPORTS	2015	5		12128	http://dx.doi.org/10.1038/srep12128
124	Explanation of the ATLAS Z-peaked excess by squark pair production in the NMSSM	Cao, Junjie; Shang, Liangliang; Yang, Jin Min; Zhang, Yang	JOURNAL OF HIGH ENERGY PHYSICS	2015		10	178	http://dx.doi.org/10.1007/JHEP10(2015)178

125	Explanation of the ATLAS Z-peaked excess in the NMSSM	Cao, Junjie; Shang, Liangliang; Yang, Jin Min; Zhang, Yang	JOURNAL OF HIGH ENERGY PHYSICS	2015		6	152	http://dx.doi.org/10.1007/JHEP06(2015)152
126	Exploring the low redshift universe: two parametric models for effective pressure	Zhang, Qiang; Yang, Guang; Zou, Qixiang; Meng, Xinhe; Shen, Keji	EUROPEAN PHYSICAL JOURNAL C	2015	75	7	300	http://dx.doi.org/10.1140/epjc/s10052-015-3531-5
127	Explosive synchronization with asymmetric frequency distribution	Zhou, Wenchang; Chen, Lumin; Bi, Hongjie; Hu, Xin; Liu, Zonghua; Guan, Shuguang	PHYSICAL REVIEW E	2015	92	1	12812	http://dx.doi.org/10.1103/PhysRevE.92.012812
128	f(T) Non-linear Massive Gravity and the Cosmic Acceleration	Wu You; Chen Zu-Cheng; Wang Jia-Xin; Wei Hao	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	63	6	701-708	http://dx.doi.org/10.1088/0253-6102/63/6/701
129	F-1-ATPase Stabilizes and Positions Adenosine Triphosphate Revealed by Molecular Dynamics Simulations	Wu Shao-Gui; Gao Xiao-Tong; Li Quan; Liao Jie; Xu Cheng-Gang	ACTA PHYSICO-CHIMICA SINICA	2015	31	9	1803-1809	http://dx.doi.org/10.3866/PKU.WHXB201508062
130	Factorization for radiative heavy quarkonium decays into scalar Glueball	Zhu, Ruilin	JOURNAL OF HIGH ENERGY PHYSICS	2015		9	166	http://dx.doi.org/10.1007/JHEP09(2015)166
131	Fast adaptive flat-histogram ensemble to enhance the sampling in large systems	Xu Shun; Zhou Xin; Jiang Yi; Wang YanTing	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	9	590501	http://dx.doi.org/10.1007/s11433-015-5690-7
132	Fermionic phase transition induced by the effective impurity in holography	Fang, Li -Qing; Kuang, Xiao-Mei; Wang, Bin; Wu, Jian-Pin	JOURNAL OF HIGH ENERGY PHYSICS	2015		11	134	http://dx.doi.org/10.1007/JHEP11(2015)134
133	FFLO state with angle-dependent gap in asymmetric nuclear matter	Shang, Xin-le; Wang, Pei; Yin, Peng; Zuo, Wei	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2015	42	5	55105	http://dx.doi.org/10.1088/0954-3899/42/5/055105
134	Flavor anomalies at the LHC and the R-parity violating supersymmetric model extended with vectorlike particles	Huang, Weicong; Tang, Yi-Lei	PHYSICAL REVIEW D	2015	92	9	94015	http://dx.doi.org/10.1103/PhysRevD.92.094015
135	Flavour-changing top decays in the aligned two-Higgs-doublet model	Abbas, Gauhar; Celis, Alejandro; Li, Xin-Qiang; Lu, Jie; Pich, Antonio	JOURNAL OF HIGH ENERGY PHYSICS	2015		6	5	http://dx.doi.org/10.1007/JHEP06(2015)005
136	Fluorine adsorption on the graphene films: From metal to insulator	Wang, Zongguo; Qin, Shaojing; Wang, Chuilin; Hui, Qun	COMPUTATIONAL MATERIALS SCIENCE	2015	97		14-19	http://dx.doi.org/10.1016/j.commatsci.2014.09.018
137	Forecasting sensitivity on tilt of power spectrum of primordial gravitational waves after Planck satellite	Huang, Qing-Guo; Wang, Sai; Zhao, Wen	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		10	35	http://dx.doi.org/10.1088/1475-7516/2015/10/035
138	Four-level refrigerator driven by photons	Wang, Jianhui; Lai, Yiming; Ye, Zhuolin; He, Jizhou; Ma, Yongli; Liao, Qinghong	PHYSICAL REVIEW E	2015	91	5	50102	http://dx.doi.org/10.1103/PhysRevE.91.050102
139	Friction phenomena in the overdamped three-layer model	Jia, Li-Ping; Tekic, Jasmina; Yang, Yang; Wang, Cang-Long; Duan, Wen-Shan; Yang, Lei	PHYSICAL REVIEW E	2015	91	2	22911	http://dx.doi.org/10.1103/PhysRevE.91.022911
140	From helical state to chiral state in ferromagnetic bilayer graphene	Xu, Lei; Zhou, Yuan; Zhang, Jun	SOLID STATE COMMUNICATIONS	2015	212		41-45	http://dx.doi.org/10.1016/j.ssc.2015.04.006
141	Fusion and quasi-fission dynamics in nearly-symmetric reactions	Wang Ning; Zhao Kai; Li ZhuXia	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	11	112001	http://dx.doi.org/10.1007/s11433-015-5726-z
142	Gauge invariance and QCD twist-3 factorization for single spin asymmetries	Ma, J. P.; Zhang, G. P.	JOURNAL OF HIGH ENERGY PHYSICS	2015		2	163	http://dx.doi.org/10.1007/JHEP02(2015)163
143	G-bounce inflation: towards nonsingular inflation cosmology with galileon field	Qiu, Taotao; Wang, Yu-Tong	JOURNAL OF HIGH ENERGY PHYSICS	2015		4	130	http://dx.doi.org/10.1007/JHEP04(2015)130
144	General proof of (maximum) entropy principle in Lovelock gravity	Cao, Li-Ming; Xu, Jianfei	PHYSICAL REVIEW D	2015	91	4	44029	http://dx.doi.org/10.1103/PhysRevD.91.044029
145	Generalized Gross-Pitaevskii equation adapted to the U(5) superset of SO(5) superset of SO(3) symmetry for spin-2 condensates	He, Y. Z.; Liu, Y. M.; Bao, C. G.	PHYSICAL REVIEW A	2015	91	3	33620	http://dx.doi.org/10.1103/PhysRevA.91.033620
146	Generalized second-order Thomas-Fermi method for superfluid Fermi systems	Pei, J. C.; Fei, Na; Zhang, Y. N.; Schuck, P.	PHYSICAL REVIEW C	2015	92	6	64316	http://dx.doi.org/10.1103/PhysRevC.92.064316
147	Glitch Crisis or Not: a Microscopic Study	Li Ang	CHINESE PHYSICS LETTERS	2015	32	7	79701	http://dx.doi.org/10.1088/0256-307X/32/7/079701
148	Glueball physics in QCD	Cho, Y. M.; Pham, X. Y.; Zhang, Pengming; Xie, Ju-Jun; Zou, Li-Ping	PHYSICAL REVIEW D	2015	91	11	114020	http://dx.doi.org/10.1103/PhysRevD.91.114020

149	Gravitational wave astronomy: the current status	Blair David; Ju Li; Zhao ChunNong; Wen LinQing; Chu Qi; Fang Qi; Cai RongGen; Gao JiangRui; Lin XueChun; Liu Dong; Wu Ling-An; Zhu ZongHong; Reitze, David H.; Arai Koji; Zhang Fan; Flaminio Raffaele; Zhu XingJiang; Hobbs George; Manchester, Richard N.; Shannon, Ryan M.; Baccigalupi Carlo; Gao Wei; Xu Peng; Bian Xing; Cao ZhouJian; Chang ZiJing; Dong Peng; Gong XueFei; Huang ShuangLin; Ju Peng; Luo ZiRen; Qiang Li'E; Tang WenLin; Wan XiaoYun; Wang Yue; Xu ShengNian; Zang YunLong; Zhang HaiPeng; Lau Yun-Kau; Ni Wei-Tou	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	12	120402	http://dx.doi.org/10.1007/s11433-015-5748-6
150	Gravitational waves induced by spinor fields	Feng, Kaixi; Piao, Yun-Song	PHYSICAL REVIEW D	2015	92	2	23535	http://dx.doi.org/10.1103/PhysRevD.92.023535
151	Gravitational waves: A probe to the physics in the early universe	Huang, Qing-Guo	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2015	30	28-29	1545005	http://dx.doi.org/10.1142/S0217751X15450050
152	Gravitational waves: A test for modified gravity	Xu, Lixin	PHYSICAL REVIEW D	2015	91	10	103520	http://dx.doi.org/10.1103/PhysRevD.91.103520
153	Group manifold approach to higher spin theory	Hu, Shan; Li, Tianjun	JOURNAL OF HIGH ENERGY PHYSICS	2015		10	19	http://dx.doi.org/10.1007/JHEP10(2015)019
154	HALF-LIVES OF THIRTEEN DOUBLE beta(-)-DECAY CANDIDATES WITH TWO NEUTRINOS	Ren, Yuejiao; Ren, Zhongzhou	ROMANIAN JOURNAL OF PHYSICS	2015	60	5-6	792-798	
155	Hall effect, edge states, and Haldane exclusion statistics in two-dimensional space	Ye, F.; Marchetti, P. A.; Su, Z. B.; Yu, L.	PHYSICAL REVIEW B	2015	92	23	235151	http://dx.doi.org/10.1103/PhysRevB.92.235151
156	Halos in medium-heavy and heavy nuclei with covariant density functional theory in continuum	Meng, J.; Zhou, S. G.	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2015	42	9	93101	http://dx.doi.org/10.1088/0954-3899/42/9/093101
157	Heavy colored SUSY partners from deflected anomaly mediation	Wang, Fei; Wang, Wenyu; Yang, Jin Min; Zhang, Yang	JOURNAL OF HIGH ENERGY PHYSICS	2015		7	138	http://dx.doi.org/10.1007/JHEP07(2015)138
158	Helical phase inflation	Li, Tianjun; Li, Zhijin; Nanopoulos, Dimitri V.	PHYSICAL REVIEW D	2015	91	6	61303	http://dx.doi.org/10.1103/PhysRevD.91.061303
159	Helical Phase Inflation and Monodromy in Supergravity Theory	Li, Tianjun; Li, Zhijin; Nanopoulos, Dimitri V.	ADVANCES IN HIGH ENERGY PHYSICS	2015	2015		397410	http://dx.doi.org/10.1155/2015/397410
160	Helical phase inflation via non-geometric flux compactifications: from natural to starobinsky-like inflation	Li, Tianjun; Li, Zhijin; Nanopoulos, Dimitri V.	JOURNAL OF HIGH ENERGY PHYSICS	2015		10	138	http://dx.doi.org/10.1007/JHEP10(2015)138
161	Hidden pseudospin and spin symmetries and their origins in atomic nuclei	Liang, Haozhao; Meng, Jie; Zhou, Shan-Gui	PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS	2015	570		1-84	http://dx.doi.org/10.1016/j.physrep.2014.12.005
162	Higgs inflation in Gauss-Bonnet braneworld	Cai, Rong-Gen; Guo, Zong-Kuan; Wang, Shao-Jiang	PHYSICAL REVIEW D	2015	92	6	63514	http://dx.doi.org/10.1103/PhysRevD.92.063514
163	Higgs naturalness and dark matter stability by scale invariance	Guo, Jun; Kang, Zhaofeng	NUCLEAR PHYSICS B	2015	898		415-430	http://dx.doi.org/10.1016/j.nuclphysb.2015.07.014
164	Higgs self-coupling in the MSSM and NMSSM after the LHC Run 1	Wu, Lei; Yang, Jin Min; Yuan, C. -P.; Zhang, Mengchao	PHYSICS LETTERS B	2015	747		378-389	http://dx.doi.org/10.1016/j.physletb.2015.06.020
165	High-order corrections of neutron neutron scattering cross-section by renormalized hybrid loop-chain propagator in isospin space	Wen, Hao; Li, Fangyu; Fang, Zhenyun	MODERN PHYSICS LETTERS A	2015	30	16	1550084	http://dx.doi.org/10.1142/S0217732315500844
166	Holographic antiferromagnetic quantum criticality and AdS(2) scaling limit	Cai, Rong-Gen; Yang, Run-Qiu; Kusmartsev, F. V.	PHYSICAL REVIEW D	2015	92	4	46005	http://dx.doi.org/10.1103/PhysRevD.92.046005
167	Holographic dark energy with cosmological constant	Hu, Yazhou; Li, Miao; Li, Nan; Zhang, Zhenhui	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		8	12	http://dx.doi.org/10.1088/1475-7516/2015/08/012
168	Holographic entanglement entropy for the most general higher derivative gravity	Miao, Rong-Xin; Guo, Wu-zhong	JOURNAL OF HIGH ENERGY PHYSICS	2015		8	31	http://dx.doi.org/10.1007/JHEP08(2015)031
169	Holographic interpretation of acoustic black holes	Ge, Xian-Hui; Sun, Jia-Rui; Tian, Yu; Wu, Xiao-Ning; Zhang, Yun-Long	PHYSICAL REVIEW D	2015	92	8	84052	http://dx.doi.org/10.1103/PhysRevD.92.084052
170	Holographic lattices and metal-insulator transition	Ling, Yi	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2015	30	28-29	1545013	http://dx.doi.org/10.1142/S0217751X1545013X

171	Holographic model for antiferromagnetic quantum phase transition induced by magnetic field	Cai, Rong-Gen; Yang, Run-Qiu; Kusmartsev, F. V.	PHYSICAL REVIEW D	2015	92	8	86001	http://dx.doi.org/10.1103/PhysRevD.92.086001
172	Holographic model for the paramagnetism/antiferromagnetism phase transition	Cai, Rong-Gen; Yang, Run-Qiu	PHYSICAL REVIEW D	2015	91	8	86001	http://dx.doi.org/10.1103/PhysRevD.91.086001
173	Holographic superconductor on Q-lattice	Ling, Yi; Liu, Peng; Niu, Chao; Wu, Jian-Pin; Xian, Zhuo-Yu	JOURNAL OF HIGH ENERGY PHYSICS	2015		2	59	http://dx.doi.org/10.1007/JHEP02(2015)059
174	Holographic thermal relaxation in superfluid turbulence	Du, Yiqiang; Niu, Chao; Tian, Yu; Zhang, Hongbao	JOURNAL OF HIGH ENERGY PHYSICS	2015		12	18	http://dx.doi.org/10.1007/JHEP12(2015)018
175	How to reveal the exotic nature of the P-c(4450)	Guo, Feng-Kun; Meissner, Ulf-G; Wang, Wei; Yang, Zhi	PHYSICAL REVIEW D	2015	92	7	71502	http://dx.doi.org/10.1103/PhysRevD.92.071502
176	Hunting for the X-b via hidden bottomonium decays	Li, Gang; Zhou, Zhu	PHYSICAL REVIEW D	2015	91	3	34020	http://dx.doi.org/10.1103/PhysRevD.91.034020
177	Hyperon Production from Neutrino-Nucleon Reaction	Wu, Jia-Jun; Zou, Bing-Song	FEW-BODY SYSTEMS	2015	56	4-5	165-183	http://dx.doi.org/10.1007/s00601-015-0973-0
178	Identifying the structure of near-threshold states from the line shape	Chen Guo-Ying; Huo Wen-Sheng; Zhao Qiang	CHINESE PHYSICS C	2015	39	9	93101	http://dx.doi.org/10.1088/1674-1137/39/9/093101
179	Impact of eta(c) Hadroproduction Data on Charmonium Production and Polarization within the Nonrelativistic QCD Framework	Zhang, Hong-Fei; Sun, Zhan; Sang, Wen-Long; Li, Rong	PHYSICAL REVIEW LETTERS	2015	114	9	92006	http://dx.doi.org/10.1103/PhysRevLett.114.092006
180	Implications of the first AMS-02 antiproton data for dark matter	Jin, Hong-Bo; Wu, Yue-Liang; Zhou, Yu-Feng	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2015	30	28-29	1545008	http://dx.doi.org/10.1142/S0217751X15450086
181	Indirect control of spin precession by electric field via spin-orbit coupling	Yang, Li-Ping; Sun, Chang-Pu	EUROPEAN PHYSICAL JOURNAL B	2015	88	2	35	http://dx.doi.org/10.1140/epjb/e2014-50557-6
182	Inference of the sparse kinetic Ising model using the decimation method	Decelle, Aurelien; Zhang, Pan	PHYSICAL REVIEW E	2015	91	5	52136	http://dx.doi.org/10.1103/PhysRevE.91.052136
183	Inflection point inflation and dark energy in supergravity	Gao, Tie-Jun; Guo, Zong-Kuan	PHYSICAL REVIEW D	2015	91	12	123502	http://dx.doi.org/10.1103/PhysRevD.91.123502
184	Influence from cosmological uncertainties on galaxy number count at faint limit	Shen, Keji; Zhang, Qiang; Meng, Xin-He	MODERN PHYSICS LETTERS A	2015	30	28	1550139	http://dx.doi.org/10.1142/S0217732315501394
185	Influence of intrinsic decoherence on entanglement teleportation via a Heisenberg XYZ model with different Dzyaloshinskii-Moriya interactions	Qin, Meng; Ren, Zhong-Zhou	QUANTUM INFORMATION PROCESSING	2015	14	6	2055-2066	http://dx.doi.org/10.1007/s11128-015-0978-0
186	Influence of Planck foreground masks in the large angular scale quadrant CMB asymmetry	Santos, L.; Cabella, P.; Villela, T.; Zhao, W.	ASTRONOMY & ASTROPHYSICS	2015	584		A115	http://dx.doi.org/10.1051/0004-6361/201526713
187	INFLUENCE OF SHELL STRUCTURE ON LEVEL DENSITIES OF SUPERHEAVY NUCLEI	Bezbakh, A. N.; Shneidman, T. M.; Adamian, G. G.; Antonenko, N. V.; Zhou, S. -G.	ACTA PHYSICA POLONICA B	2015	46	3	563-567	http://dx.doi.org/10.5506/APhysPolB.46.563
188	In-medium and isospin effects on particle production near threshold energies in heavy-ion collisions	Feng, Zhao-Qing; Xie, Wen-Jie; Chen, Peng-Hui; Chen, Jie; Jin, Gen-Ming	PHYSICAL REVIEW C	2015	92	4	44604	http://dx.doi.org/10.1103/PhysRevC.92.044604
189	Insights on the Isotropic-to-Smectic A Transition in Ionic Liquid Crystals from Coarse-Grained Molecular Dynamics Simulations: The Role of Microphase Segregation	Saielli, Giacomo; Bagno, Alessandro; Wang, Yanting	JOURNAL OF PHYSICAL CHEMISTRY B	2015	119	9	3829-3836	http://dx.doi.org/10.1021/jp5104565
190	Insulator/metal phase transition and colossal magnetoresistance in holographic model	Cai, Rong-Gen; Yang, Run-Qiu	PHYSICAL REVIEW D	2015	92	10	106002	http://dx.doi.org/10.1103/PhysRevD.92.106002
191	Interpretation of the Galactic Center excess and electroweak phase transition in the NMSSM	Bi, Xiao-Jun; Bian, Ligong; Huang, Weicong; Shu, Jing; Yin, Peng-Fei	PHYSICAL REVIEW D	2015	92	2	23507	http://dx.doi.org/10.1103/PhysRevD.92.023507
192	Interpreting the galactic center gamma-ray excess in the NMSSM	Cao, Junjie; Shang, Liangliang; Wu, Peiwen; Yang, Jin Min; Zhang, Yang	JOURNAL OF HIGH ENERGY PHYSICS	2015		10	30	http://dx.doi.org/10.1007/JHEP10(2015)030
193	Intrinsic defect formation in peptide self-assembly	Deng, Li; Zhao, Yurong; Xu, Hai; Wang, Yanting	APPLIED PHYSICS LETTERS	2015	107	4	43701	http://dx.doi.org/10.1063/1.4927708
194	Introduction to holographic superconductor models	Cai RongGen; Li Li; Li LiFang; Yang RunQiu	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	6	60401	http://dx.doi.org/10.1007/s11433-015-5676-5
195	Investigation of N-23 in a three-body model	Zhang, Liuyang; Ren, Zhongzhou; Lyu, Mengjiao; Ji, Chen	PHYSICAL REVIEW C	2015	91	2	24001	http://dx.doi.org/10.1103/PhysRevC.91.024001
196	Investigations on the charmless decays of Y(4260)	Li Gang; An Chun-Sheng; Li Peng-Yu; Liu Di; Zhang Xiao; Zhou Zhu	CHINESE PHYSICS C	2015	39	6	63102	http://dx.doi.org/10.1088/1674-1137/39/6/063102
197	Isospin splitting of nucleon effective mass and shear viscosity of nuclear matter	Xu, Jun	PHYSICAL REVIEW C	2015	91	3	37601	http://dx.doi.org/10.1103/PhysRevC.91.037601

198	Jackiw-Rebbi-type bound state carrying fractional fermion parity	Xiong, Ye; Tong, Peiqing	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2015			P02013	http://dx.doi.org/10.1088/1742-5468/2015/02/P02013
199	JET LUMINOSITY OF GAMMA-RAY BURSTS: THE BLANDFORD-ZNAJEK MECHANISM VERSUS THE NEUTRINO ANNIHILATION PROCESS	Liu, Tong; Hou, Shu-Jin; Xue, Li; Gu, Wei-Min	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2015	218	1	12	http://dx.doi.org/10.1088/0067-0049/218/1/12
200	Knowledge-based potentials in bioinformatics: From a physicist's viewpoint	Zheng Wei-Mou	CHINESE PHYSICS B	2015	24	12	128701	http://dx.doi.org/10.1088/1674-1056/24/12/128701
201	Lamellar Diblock Copolymers on Rough Substrates: Self-Consistent Field Theory Studies	Man, Xingkun; Tang, Jiuzhou; Zhou, Pan; Yan, Dadong; Andelman, David	MACROMOLECULES	2015	48	20	7689-7697	http://dx.doi.org/10.1021/acs.macromol.5b01362
202	Landau damping effects in the synchronization of conformist and contrarian oscillators	Qiu, Tian; Zhang, Yue; Liu, Jie; Bi, Hongjie; Boccaletti, S.; Liu, Zonghua; Guan, Shuguang	SCIENTIFIC REPORTS	2015	5		18235	http://dx.doi.org/10.1038/srep18235
203	Lepton flavor violation in the MSSM extension with gauged baryon and lepton numbers	Zhao, Shu-Min; Feng, Tai-Fu; Zhang, Hai-Bin; Zhan, Xi-Jie; Zhang, Yin-Jie; Yan, Ben	PHYSICAL REVIEW D	2015	92	11	115016	http://dx.doi.org/10.1103/PhysRevD.92.115016
204	Leptoquark implication from the CMS and IceCube experiments	Dutta, Bhaskar; Gao, Yu; Li, Tianjun; Rott, Carsten; Strigari, Louis E.	PHYSICAL REVIEW D	2015	91	12	125015	http://dx.doi.org/10.1103/PhysRevD.91.125015
205	Level densities and shell corrections of superheavy nuclei	Bezbakh, A. N.; Shneidman, T. M.; Adamian, G. G.; Antonenko, N. V.	11TH INTERNATIONAL SPRING SEMINAR ON NUCLEAR PHYSICS: SHELL MODEL AND NUCLEAR STRUCTURE - ACHIEVEMENTS OF THE PAST TWO DECADES	2015	580		12026	http://dx.doi.org/10.1088/1742-6596/580/1/012026
206	LHC phenomenology of the type II seesaw mechanism: Nondegenerate case	Han, Zhi-Long; Ding, Ran; Liao, Yi	PHYSICAL REVIEW D	2015	91	9	93006	http://dx.doi.org/10.1103/PhysRevD.91.093006
207	LHC phenomenology of the type II seesaw mechanism: Observability of neutral scalars in the nondegenerate case	Han, Zhi-Long; Ding, Ran; Liao, Yi	PHYSICAL REVIEW D	2015	92	3	33014	http://dx.doi.org/10.1103/PhysRevD.92.033014
208	Light doubly charged Higgs boson via the WW* channel at LHC	Kang, Zhaofeng; Li, Jinmian; Li, Tianjun; Liu, Yandong; Ning, Guo-Zhu	EUROPEAN PHYSICAL JOURNAL C	2015	75	12	574	http://dx.doi.org/10.1140/epjc/s10052-015-3774-1
209	Light mediators in dark matter direct detections	Li, Tai; Miao, Sen; Zhou, Yu-Feng	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		3	32	http://dx.doi.org/10.1088/1475-7516/2015/03/032
210	Logarithmic Size-Dependent Melting Temperature of Nanoparticles	Liu, Zhiyuan; Sui, Xiaohong; Kang, Kai; Qin, Shaojing	JOURNAL OF PHYSICAL CHEMISTRY C	2015	119	21	11929-11933	http://dx.doi.org/10.1021/acs.jpcc.5b01188
211	Long-range Self-interacting Dark Matter in the Sun	Chen, Jing; Liang, Zheng-Liang; Wu, Yue-Liang; Zhou, Yu-Feng	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		12	21	http://dx.doi.org/10.1088/1475-7516/2015/12/021
212	Loop-corrected belief propagation for lattice spin models	Zhou, Hai-Jun; Zheng, Wei-Mou	EUROPEAN PHYSICAL JOURNAL B	2015	88	12	336	http://dx.doi.org/10.1140/epjb/e2015-60485-6
213	Low-energy scattering of the (D*(D)over-bar*)(+/-) system and the resonancelike structure Z(c)(4025)	Chen, Ying; Gong, Ming; Lei, Yu-Hong; Li, Ning; Liang, Jian; Liu, Chuan; Liu, Jin-Long; Liu, Yong-Fu; Liu, Yu-Bin; Liu, Zhaofeng; Ma, Jian-Ping; Wang, Zhan-Lin; Zhang, Jian-Bo	PHYSICAL REVIEW D	2015	92	5	54507	http://dx.doi.org/10.1103/PhysRevD.92.054507
214	Lower bound for the hyperfine populations of spin-2 condensates against a magnetic field under the single-spatial-mode approximation	Liu, Y. M.; He, Y. Z.; Bao, C. G.	PHYSICAL REVIEW A	2015	92	6	63631	http://dx.doi.org/10.1103/PhysRevA.92.063631
215	Lyth bound revisited	Huang, Qing-Guo	PHYSICAL REVIEW D	2015	91	12	123532	http://dx.doi.org/10.1103/PhysRevD.91.123532
216	Magnetic field and EoS of neutron star matter at finite temperature	Wang Qingwu; Lue Xiaofu	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	2015	24	7	1550051	http://dx.doi.org/10.1142/S0218301315500512
217	Mass dependence of symmetry energy coefficients in the Skyrme force	Wang, N.; Liu, M.; Jiang, H.; Tian, J. L.; Zhao, Y. M.	PHYSICAL REVIEW C	2015	91	4	44308	http://dx.doi.org/10.1103/PhysRevC.91.044308
218	Mass of Y(3940) in Bethe-Salpeter equation for quarks	Chen, Xiaozhao; Lu, Xiaofu	EUROPEAN PHYSICAL JOURNAL C	2015	75	3	98	http://dx.doi.org/10.1140/epjc/s10052-015-3315-y

219	Massive 2-form field and holographic ferromagnetic phase transition	Cai, Rong-Gen; Yang, Run-Qiu; Wu, Ya-Bo; Zhang, Cheng-Yuan	JOURNAL OF HIGH ENERGY PHYSICS	2015		11	21	http://dx.doi.org/10.1007/JHEP11(2015)021
220	Massive hybrid stars with a first-order phase transition	Li, A.; Zuo, W.; Peng, G. X.	PHYSICAL REVIEW C	2015	91	3	35803	http://dx.doi.org/10.1103/PhysRevC.91.035803
221	Maximally Localized States and Quantum Corrections of Black Hole Thermodynamics in the Framework of a New Generalized Uncertainty Principle	Miao, Yan-Gang; Zhao, Ying-Jie; Zhang, Shao-Jun	ADVANCES IN HIGH ENERGY PHYSICS	2015	2015		627264	http://dx.doi.org/10.1155/2015/627264
222	Meson mass decomposition from lattice QCD	Yang, Yi-Bo; Chen, Ying; Draper, Terrence; Gong, Ming; Liu, Keh-Fei; Liu, Zhaofeng; Ma, Jian-Ping	PHYSICAL REVIEW D	2015	91	7	74516	http://dx.doi.org/10.1103/PhysRevD.91.074516
223	Minimal Length Effects on Tunnelling from Spherically Symmetric Black Holes	Mu, Benrong; Wang, Peng; Yang, Haitang	ADVANCES IN HIGH ENERGY PHYSICS	2015	2015		898916	http://dx.doi.org/10.1155/2015/898916
224	Misner-Sharp mass and the unified first law in massive gravity	Hu, Ya-Peng; Zhang, Hongsheng	PHYSICAL REVIEW D	2015	92	2	24006	http://dx.doi.org/10.1103/PhysRevD.92.024006
225	Model dependence of the I-4 term in the symmetry energy for finite nuclei	Jiang, H.; Wang, N.; Chen, Lie-Wen; Zhao, Y. M.; Arima, A.	PHYSICAL REVIEW C	2015	91	5	54302	http://dx.doi.org/10.1103/PhysRevC.91.054302
226	MODELING THE MULTI-BAND AFTERGLOW OF GRB 091127: EVIDENCE OF A HARD ELECTRON ENERGY SPECTRUM WITH AN INJECTION BREAK	Zhang, Qiang; Huang, Yong-Feng; Zong, Hong-Shi	ASTROPHYSICAL JOURNAL	2015	811	2	83	http://dx.doi.org/10.1088/0004-637X/811/2/83
227	Modified Lyth bound and implications of BICEP2 results	Gao, Qing; Gong, Yungui; Li, Tianjun	PHYSICAL REVIEW D	2015	91	6	63509	http://dx.doi.org/10.1103/PhysRevD.91.063509
228	MOLECULAR STRUCTURES IN LIGHT ATOMIC NUCLEI	Xu, Furong; Wang, Simin; Pei, Junchen; Chen, Wenjun; Xu, Zhenxiang	ROMANIAN JOURNAL OF PHYSICS	2015	60	5-6	829-835	
229	Multidimensionally constrained relativistic mean-field study of triple-humped barriers in actinides	Zhao, Jie; Lu, Bing-Nan; Vretenar, Dario; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW C	2015	91	1	14321	http://dx.doi.org/10.1103/PhysRevC.91.014321
230	Multiple-relaxation-time lattice Boltzmann kinetic model for combustion	Xu, Aiguo; Lin, Chuandong; Zhang, Guangcai; Li, Yingjun	PHYSICAL REVIEW E	2015	91	4	43306	http://dx.doi.org/10.1103/PhysRevE.91.043306
231	Natural X-ray lines from the low scale supersymmetry breaking	Kang, Zhaofeng; Ko, P.; Li, Tianjun; Liu, Yandong	PHYSICS LETTERS B	2015	742		249-255	http://dx.doi.org/10.1016/j.physletb.2015.01.040
232	NBODY6++GPU: ready for the gravitational million-body problem	Wang, Long; Spurzem, Rainer; Aarseth, Sverre; Nitadori, Keigo; Berczik, Peter; Kouwenhoven, M. B. N.; Naab, Thorsten	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2015	450	4	4070-4080	http://dx.doi.org/10.1093/mnras/stv817
233	Near horizon structure of extremal vanishing horizon black holes	Sadeghian, S.; Sheikh-Jabbari, M. M.; Vahidinia, M. H.; Yavartanoo, H.	NUCLEAR PHYSICS B	2015	900		222-243	http://dx.doi.org/10.1016/j.nuclphysb.2015.09.010
234	Nearly scale-invariant power spectrum and quantum cosmological perturbations in the gravity's rainbow scenario	Wang, Sai; Chang, Zhe	EUROPEAN PHYSICAL JOURNAL C	2015	75	6	259	http://dx.doi.org/10.1140/epjc/s10052-015-3457-y
235	New AdS(3) x S-2 T-duals with N = (0,4) supersymmetry	Lozano, Yolanda; Macpherson, Niall T.; Montero, Jesus; Colgain, Eoin O.	JOURNAL OF HIGH ENERGY PHYSICS	2015		8	121	http://dx.doi.org/10.1007/JHEP08(2015)121
236	New approach for detecting a compressed bino/wino at the LHC	Han, Chengcheng; Wu, Lei; Yang, Jin Min; Zhang, Mengchao; Zhang, Yang	PHYSICAL REVIEW D	2015	91	5	55030	http://dx.doi.org/10.1103/PhysRevD.91.055030
237	New insights in the electroweak phase transition in the NMSSM	Huang, Weicong; Kang, Zhaofeng; Shu, Jing; Wu, Peiwen; Yang, Jin Min	PHYSICAL REVIEW D	2015	91	2	25006	http://dx.doi.org/10.1103/PhysRevD.91.025006
238	New insights into the D-s0*(2317) and other charm scalar mesons	Guo, Zhi-Hui; Meissner, Ulf-G.; Yao, De-Liang	PHYSICAL REVIEW D	2015	92	9	94008	http://dx.doi.org/10.1103/PhysRevD.92.094008
239	New integral formula for obtaining analytical Legendre expansion coefficients and its applications to light-nucleus reactions	Sun, Xiaojun; Zhang, Jingshang	PHYSICAL REVIEW C	2015	92	6	61601	http://dx.doi.org/10.1103/PhysRevC.92.061601
240	NLSP gluino and NLSP stop scenarios from b - tau Yukawa unification	Raza, Shabbar; Shafi, Qaisar; Un, Cem Salih	PHYSICAL REVIEW D	2015	92	5	55010	http://dx.doi.org/10.1103/PhysRevD.92.055010
241	NMSSM explanations of the Galactic center gamma ray excess and promising LHC searches	Guo, Jun; Li, Jinmian; Li, Tianjun; Williams, Anthony G.	PHYSICAL REVIEW D	2015	91	9	95003	http://dx.doi.org/10.1103/PhysRevD.91.095003
242	No evidence for the blue-tilted power spectrum of relic gravitational waves	Huang, Qing-Guo; Wang, Sai	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		6	21	http://dx.doi.org/10.1088/1475-7516/2015/06/021
243	Nonbacktracking operator for the Ising model and its applications in systems with multiple states	Zhang, Pan	PHYSICAL REVIEW E	2015	91	4	42120	http://dx.doi.org/10.1103/PhysRevE.91.042120
244	Noncommutative field with constant background fields and neutral fermions	Luo, Cui-bai; Hou, Feng-yao; Cui, Zhu-fang; Liu, Xiao-jun; Zong, Hong-shi	PHYSICAL REVIEW D	2015	91	3	36009	http://dx.doi.org/10.1103/PhysRevD.91.036009
245	Note on electrical and thermodynamic properties of isolated horizons	Chen, Gerui; Wu, Xiaoning; Gao, Sijie	PHYSICAL REVIEW D	2015	91	6	64042	http://dx.doi.org/10.1103/PhysRevD.91.064042

246	Notes on entanglement entropy in string theory	He, Song; Numasawa, Tokiro; Takayanagi, Tadashi; Watanabe, Kento	JOURNAL OF HIGH ENERGY PHYSICS	2015		5	106	http://dx.doi.org/10.1007/JHEP05(2015)106
247	Notes on holographic Schwinger effect	Wu, Xing	JOURNAL OF HIGH ENERGY PHYSICS	2015		9	44	http://dx.doi.org/10.1007/JHEP09(2015)044
248	Nuclear dynamical octupole deformation in heavy-ion reactions	Tang, Cheng; Jin, Xin; Wang, Nan; Zhao, En-Guang	FRONTIERS OF PHYSICS	2015	10	5	102401	http://dx.doi.org/10.1007/s11467-015-0510-0
249	Nuclear dynamics induced by antiprotons	Feng Zhao-Qing	NUCLEAR SCIENCE AND TECHNIQUES	2015	26	2	S20512	http://dx.doi.org/10.13538/j.1001-8042/nst.26.S20512
250	Nucleon resonances in the gamma p -> phi K+ Lambda reaction near threshold	Lue, Qi-Fang; Wang, Rong; Xie, Ju-Jun; Chen, Xu-Rong; Li, De-Min	PHYSICAL REVIEW C	2015	91	3	35204	http://dx.doi.org/10.1103/PhysRevC.91.035204
251	Nucleon Resonances in the pi(-)p -> K-0 Lambda Reaction near Threshold	Wu Cheng-Zu; Lue Qi-Fang; Xie Ju-Jun; Chen Xu-Rong	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	63	2	215-221	http://dx.doi.org/10.1088/0253-6102/63/2/14
252	Odd-even mass staggering with Skyrme-Hartree-Fock-Bogoliubov theory	Chen, W. J.; Bertulani, C. A.; Xu, F. R.; Zhang, Y. N.	PHYSICAL REVIEW C	2015	91	4	47303	http://dx.doi.org/10.1103/PhysRevC.91.047303
253	On finite energy monopole solutions in Weinberg-Salam model	Pak, D. G.; Zhang, P. M.; Zou, L. P.	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2015	30	27	1550164	http://dx.doi.org/10.1142/S0217751X1550164X
254	On neutral scalar radiation by a massive orbiting star in extremal Kerr-Newman black hole	Xu, Xiao-Bao; Bai, Nan; Gao, Yi-Hong	FORTSCHRITTE DER PHYSIK-PROGRESS OF PHYSICS	2015	63	6	323-330	http://dx.doi.org/10.1002/prop.201500007
255	On the occurrence of galaxy harassment	Bialas, D.; Lisker, T.; Olczak, C.; Spurzem, R.; Kotulla, R.	ASTRONOMY & ASTROPHYSICS	2015	576		A103	http://dx.doi.org/10.1051/0004-6361/201425235
256	On the structure of isomeric state in neutron-rich Zr-108: A projected shell model analysis	Liu YanXin; Yu ShaoYing; Sun Yang	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	11	112003	http://dx.doi.org/10.1007/s11433-015-5733-0
257	On the uniqueness of the non-minimal matter coupling in massive gravity and bigravity	Huang, Qing-Guo; Ribeiro, Raquel H.; Xing, Yu-Hang; Zhang, Ke-Chao; Zhou, Shuang-Yong	PHYSICS LETTERS B	2015	748		356-360	http://dx.doi.org/10.1016/j.physletb.2015.07.003
258	One loop renormalization of the electroweak chiral Lagrangian with a light Higgs boson	Guo, Feng-Kun; Ruiz-Femenia, Pedro; Jose Sanz-Cillero, Juan	PHYSICAL REVIEW D	2015	92	7	74005	http://dx.doi.org/10.1103/PhysRevD.92.074005
259	One right-handed neutrino to generate complete neutrino mass spectrum in the framework of NMSSM	Tang, Yi-Lei	NUCLEAR PHYSICS B	2015	890		263-278	http://dx.doi.org/10.1016/j.nuclphysb.2014.11.012
260	One-loop analysis of the interactions between charmed mesons and Goldstone bosons	Yao, De-Liang; Du, Meng-Lin; Guo, Feng-Kun; Meissner, Ulf-G.	JOURNAL OF HIGH ENERGY PHYSICS	2015		11	58	http://dx.doi.org/10.1007/JHEP11(2015)058
261	One-loop scattering equations and amplitudes from forward limit	He, Song; Yuan, Ellis Ye	PHYSICAL REVIEW D	2015	92	10	105004	http://dx.doi.org/10.1103/PhysRevD.92.105004
262	One-pion-exchange effect in the energy spectrum of muonic hydrogen	Zhou, Hai-Qing; Pang, Hou-Rong	PHYSICAL REVIEW A	2015	92	3	32512	http://dx.doi.org/10.1103/PhysRevA.92.032512
263	Optimal aspect ratio of endocytosed spherocylindrical nanoparticle	Chen, Ying-Bing; Liu, Yan-Hui; Zeng, Yan; Mao, Wei; Hu, Lin; Mao, Zong-Liang; Xu, Hou-Qiang	FRONTIERS OF PHYSICS	2015	10	1	116-120	http://dx.doi.org/10.1007/s11467-014-0444-y
264	Optomechanical interfaces for hybrid quantum networks	Dong, Chunhua; Wang, Yingdan; Wang, Hailin	NATIONAL SCIENCE REVIEW	2015	2	4	510-519	http://dx.doi.org/10.1093/nsr/nwv048
265	Orbital characters and electronic correlations in KCo2Se2	Liu, Z. H.; Zhao, Y. G.; Li, Y.; Jia, L. L.; Cai, Y. P.; Zhou, S.; Xia, T. L.; Buechner, B.; Borisenko, S. V.; Wang, S. C.	JOURNAL OF PHYSICS-CONDENSED MATTER	2015	27	29	295501	http://dx.doi.org/10.1088/0953-8984/27/29/295501
266	Oscillating modulation to B-mode polarization from varying propagating speed of primordial gravitational waves	Cai, Yong; Wang, Yu-Tong; Piao, Yun-Song	PHYSICAL REVIEW D	2015	91	10	103001	http://dx.doi.org/10.1103/PhysRevD.91.103001
267	Parity violation in pre-inflationary bounce	Wang, Yu-Tong Y.; Piao, Yun-Song	PHYSICS LETTERS B	2015	741		55-60	http://dx.doi.org/10.1016/j.physletb.2014.12.011
268	Phase structures of the black Dp-D (p+4)-brane system in various ensembles I: thermal stability	Zhou, Da; Xiao, Zhi-Guang	JOURNAL OF HIGH ENERGY PHYSICS	2015		7	-	http://dx.doi.org/10.1007/JHEP07(2015)134
269	Phase structures of the black Dp-D(p+4)-brane system in various ensembles II: electrical and thermodynamic stability	Xiao, Zhiguang; Zhou, Da	JOURNAL OF HIGH ENERGY PHYSICS	2015		9	28	http://dx.doi.org/10.1007/JHEP09(2015)028
270	Phase transition and thermodynamical geometry for Schwarzschild AdS black hole in AdS(5) x S-5 spacetime	Zhang, Jia-Lin; Cai, Rong-Gen; Yu, Hongwei	JOURNAL OF HIGH ENERGY PHYSICS	2015		2	143	http://dx.doi.org/10.1007/JHEP02(2015)143
271	Phase transition and thermodynamical geometry of Reissner-Nordstrom-AdS black holes in extended phase space	Zhang, Jia-Lin; Cai, Rong-Gen; Yu, Hongwei	PHYSICAL REVIEW D	2015	91	4	44028	http://dx.doi.org/10.1103/PhysRevD.91.044028
272	Phase transitions in a holographic s plus p model with back-reaction	Nie, Zhang-Yu; Cai, Rong-Gen; Gao, Xin; Li, Li; Zeng, Hui	EUROPEAN PHYSICAL JOURNAL C	2015	75	11	559	http://dx.doi.org/10.1140/epjc/s10052-015-3773-2

273	Photoproduction of the f(2)(1270) resonance	Xie, Ju-Jun; Oset, E.	EUROPEAN PHYSICAL JOURNAL A	2015	51	9	111	http://dx.doi.org/10.1140/epja/i2015-15111-3
274	Post-selected von Neumann measurement with Hermite-Gaussian and Laguerre-Gaussian pointer states	Turek, Yusuf; Kobayashi, Hirokazu; Akutsu, Tomotada; Sun, Chang-Pu; Shikano, Yutaka	NEW JOURNAL OF PHYSICS	2015	17		83029	http://dx.doi.org/10.1088/1367-2630/17/8/083029
275	Predictions for the X(YZ) and X(YZ) with X(4160), Y(3940), Z(3930)	Liang, Wei-Hong; Molina, R.; Xie, Ju-Jun; Doering, M.; Oset, E.	EUROPEAN PHYSICAL JOURNAL A	2015	51	5	58	http://dx.doi.org/10.1140/epja/i2015-15058-3
276	Preinflationary primordial perturbations	Cai, Yong; Wang, Yu-Tong; Piao, Yun-Song	PHYSICAL REVIEW D	2015	92	2	23518	http://dx.doi.org/10.1103/PhysRevD.92.023518
277	Preserving local gauge invariance with t-channel Regge exchange	Haberzettl, Helmut; Wang, Xiao-Yun; He, Jun	PHYSICAL REVIEW C	2015	92	5	55503	http://dx.doi.org/10.1103/PhysRevC.92.055503
278	Principal component analysis of the reionization history from Planck 2015 data	Dai, Wei-Ming; Guo, Zong-Kuan; Cai, Rong-Gen	PHYSICAL REVIEW D	2015	92	12	123521	http://dx.doi.org/10.1103/PhysRevD.92.123521
279	Probing gravitational dark matter	Ren, Jing; He, Hong-Jian	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		3	52	http://dx.doi.org/10.1088/1475-7516/2015/03/052
280	Probing spectator scattering and annihilation corrections in B-s -> PV decays	Chang, Qin; Hu, Xiaohui; Sun, Junfeng; Yang, Yueling	PHYSICAL REVIEW D	2015	91	7	74026	http://dx.doi.org/10.1103/PhysRevD.91.074026
281	Probing strong electroweak symmetry breaking dynamics through quantum interferometry at the LHC	Murayama, Hitoshi; Rentala, Vikram; Shu, Jing	PHYSICAL REVIEW D	2015	92	11	116002	http://dx.doi.org/10.1103/PhysRevD.92.116002
282	Production Cross-Section Estimates for Strongly-Interacting Electroweak-Symmetry Breaking Sector Resonances at Particle Colliders	Dobado, Antonio; Guo Feng-Kun; Llanes-Estrada, Felipe J.	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	64	6	701-709	http://dx.doi.org/10.1088/0253-6102/64/6/701
283	Production of the neutral Z(0) (4430) in (p)over-barp -> Psi 'pi(0) reaction	Wang, Xiao-Yun; Xie, Ju-Jun; Chen, Xu-Rong	PHYSICAL REVIEW D	2015	91	1	14032	http://dx.doi.org/10.1103/PhysRevD.91.014032
284	Progess of discrete Boltzmann modeling and simulation of combustion system	Xu Ai-Guo; Zhang Guang-Cai; Ying Yang-Jun	ACTA PHYSICA SINICA	2015	64	18	184701	http://dx.doi.org/10.7498/aps.64.184701
285	Progress in vacuum susceptibilities and their applications to the chiral phase transition of QCD	Cui, Zhu-Fang; Hou, Feng-Yao; Shi, Yuan-Mei; Wang, Yong-Long; Zong, Hong-Shi	ANNALS OF PHYSICS	2015	358		172-205	http://dx.doi.org/10.1016/j.aop.2015.03.025
286	Properties of cold dense nuclear matter based on a developed chiral perturbation theory	Wang Qingwu; Li Xiaoya; Lue Xiaofu	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2015	24	8	1550065	http://dx.doi.org/10.1142/S0218301315500652
287	Properties of nuclear matter from macroscopic-microscopic mass formulas	Wang, Ning; Liu, Min; Ou, Li; Zhang, Yingxun	PHYSICS LETTERS B	2015	751		553-558	http://dx.doi.org/10.1016/j.physletb.2015.11.006
288	Prospects for triple gauge coupling measurements at future lepton colliders and the 14 TeV LHC	Bian, Ligong; Shu, Jing; Zhang, Yongchao	JOURNAL OF HIGH ENERGY PHYSICS	2015		9	206	http://dx.doi.org/10.1007/JHEP09(2015)206
289	Pseudo-goldstino and electroweakinos via VBF processes at LHC	Liu, Tao; Wang, Lin; Yang, Jin Min	JOURNAL OF HIGH ENERGY PHYSICS	2015		2	177	http://dx.doi.org/10.1007/JHEP02(2015)177
290	P-T phase diagram of a holographic s plus p model from Gauss-Bonnet gravity	Nie, Zhang-Yu; Zeng, Hui	JOURNAL OF HIGH ENERGY PHYSICS	2015		10	47	http://dx.doi.org/10.1007/JHEP10(2015)047
291	P-V criticality in the extended phase space of black holes in massive gravity	Xu, Jianfei; Cao, Li-Ming; Hu, Ya-Peng	PHYSICAL REVIEW D	2015	91	12	124033	http://dx.doi.org/10.1103/PhysRevD.91.124033
292	Quantization and spectrum of RNS supersymmetric open 2-brane	Abdul, M. Wasay; Huang, Yong-Chang; Zeng, Ding-fang	NUCLEAR PHYSICS B	2015	892		353-363	http://dx.doi.org/10.1016/j.nuclphysb.2015.01.013
293	Quantized transport of interface and edge states in bent graphene	Li, Cong-Cong; Xu, Lei; Zhang, Jun	SOLID STATE COMMUNICATIONS	2015	207		30-34	http://dx.doi.org/10.1016/j.ssc.2015.02.003
294	Quantum calculations for the photodetachment cross sections of H-located between two walls	Zhao, H. J.; Ma, Z. J.; Du, M. L.	PHYSICA B-CONDENSED MATTER	2015	466		54-58	http://dx.doi.org/10.1016/j.physb.2015.03.026
295	Quantum electroweak symmetry breaking through loop quadratic contributions	Bai, Dong; Cui, Jian-Wei; Wu, Yue-Liang	PHYSICS LETTERS B	2015	746		379-384	http://dx.doi.org/10.1016/j.physletb.2015.05.037
296	Quantum gravity corrections to accretion onto a Schwarzschild black hole	Yang, Rongjia	PHYSICAL REVIEW D	2015	92	8	84011	http://dx.doi.org/10.1103/PhysRevD.92.084011
297	Quantum-mechanical engines working with an ideal gas with a finite number of particles confined in a power-law trap	Wang, Jianhui; Ma, Yongli; He, Jizhou	EPL	2015	111	2	20006	http://dx.doi.org/10.1209/0295-5075/111/20006
298	Quark Number Susceptibility around the Chiral Critical End Point	Jiang Yu; Hou Feng-Yao; Luo Cui-Bai; Zong Hong-Shi	CHINESE PHYSICS LETTERS	2015	32	2	21201	http://dx.doi.org/10.1088/0256-307X/32/2/021201
299	Radiative leptonic B-c -> gamma l(v)over-bar decay in effective field theory beyond leading order	Wang, Wei; Zhu, Rui-Lin	EUROPEAN PHYSICAL JOURNAL C	2015	75	8	360	http://dx.doi.org/10.1140/epjc/s10052-015-3583-6
300	Realistic alpha preformation factors of odd-A and odd-odd nuclei within the cluster-formation model	Deng, Daming; Ren, Zhongzhou; Ni, Dongdong; Qian, Yibin	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2015	42	7	75106	http://dx.doi.org/10.1088/0954-3899/42/7/075106
301	Recent developments on hadron interaction and dynamically generated resonances	Oset, E.; Albaladejo, M.; Xie, Ju-Jun	CHIRAL SYMMETRY IN HADRONS AND NUCLEI	2015			157-164	
302	Reconcile muon g-2 anomaly with LHC data in SUGRA with generalized gravity mediation	Wang, Fei; Wang, Wenyu; Yang, Jin Min	JOURNAL OF HIGH ENERGY PHYSICS	2015		6	79	http://dx.doi.org/10.1007/JHEP06(2015)079

303	Reconstructing the interaction between dark energy and dark matter using Gaussian processes	Yang, Tao; Guo, Zong-Kuan; Cai, Rong-Gen	PHYSICAL REVIEW D	2015	91	12	123533	http://dx.doi.org/10.1103/PhysRevD.91.123533
304	Reexamination of the role of the Delta* resonances in the pp -> nK(+)Sigma(+) reaction	Wang, Xiao-Yun; Cao, Xu; Xie, Ju-Jun; Chen, Xu-Rong	PHYSICAL REVIEW C	2015	92	1	15202	http://dx.doi.org/10.1103/PhysRevC.92.015202
305	Reference Section Method for Mixed State Geometric Phase in Nonunitary Evolution	Du Guang-Le; Li Tian-Jun	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	64	1	29-33	http://dx.doi.org/10.1088/0253-6102/64/1/29
306	Reheating phase diagram for single-field slow-roll inflationary models	Cai, Rong-Gen; Guo, Zong-Kuan; Wang, Shao-Jiang	PHYSICAL REVIEW D	2015	92	6	63506	http://dx.doi.org/10.1103/PhysRevD.92.063506
307	Relativistic corrections to Gamma exclusive decay into double S-wave charmonia	Sang, Wen-Long; Feng, Feng; Chen, Yu-Qi	PHYSICAL REVIEW D	2015	92	1	14025	http://dx.doi.org/10.1103/PhysRevD.92.014025
308	Renyi entropy of locally excited states with thermal and boundary effect in 2D CFTs	Guo, Wu-Zhong; He, Song	JOURNAL OF HIGH ENERGY PHYSICS	2015		4	99	http://dx.doi.org/10.1007/JHEP04(2015)099
309	Reply to Comment on 'Test of the Stark-effect theory using photoionization microscopy'	Zhao, L. B.; Fabrikant, I. I.; Du, M. L.	PHYSICAL REVIEW A	2015	91	6	67402	http://dx.doi.org/10.1103/PhysRevA.91.067402
310	Revisiting the boiling of primordial quark nuggets at nonzero chemical potential	Li, Ang; Liu, Tong; Gubler, Philipp; Xu, Ren-Xin	ASTROPARTICLE PHYSICS	2015	62		115-121	http://dx.doi.org/10.1016/j.astropartphys.2014.08.001
311	Reweighted ensemble dynamics simulations: Theory, improvement, and application	Gong Lin-Chen; Zhou Xin; Ouyang Zhong-Can	CHINESE PHYSICS B	2015	24	6	60202	http://dx.doi.org/10.1088/1674-1056/24/6/060202
312	Role of the Lambda(+)(c) (2940) in the pi(-)p -> D(-)D(0)p reaction close to threshold	Xie, Ju-Jun; Dong, Yu-Bing; Cao, Xu	PHYSICAL REVIEW D	2015	92	3	34029	http://dx.doi.org/10.1103/PhysRevD.92.034029
313	Rotational viscosity comparison of liquid crystals based on the molecular dynamics of mixtures	Wang Qi-Dong; Peng Zeng-Hui; Liu Yong-Gang; Yao Li-Shuang; Ren Gan; Xuan Li	ACTA PHYSICA SINICA	2015	64	12	126102	http://dx.doi.org/10.7498/aps.64.126102
314	Saturated sodium chloride solution under an external static electric field: A molecular dynamics study	Ren Gan; Wang Yan-Ting	CHINESE PHYSICS B	2015	24	12	126402	http://dx.doi.org/10.1088/1674-1056/24/12/126402
315	Scrutinizing the eta-eta ' mixing, masses and pseudoscalar decay constants in the framework of U(3) chiral effective field theory	Guo, Xu-Kun; Guo, Zhi-Hui; Oller, Jos'e Antonio; Sanz-Cillero, Juan Jos'e	JOURNAL OF HIGH ENERGY PHYSICS	2015		6	170	http://dx.doi.org/10.1007/JHEP06(2015)175
316	Scrutinizing the eta-eta ' mixing, masses and pseudoscalar decay constants in the framework of U(3) chiral effective field theory	Guo, Xu-Kun; Guo, Zhi-Hui; Antonio Oller, Jose; Jose Sanz-Cillero, Juan	JOURNAL OF HIGH ENERGY PHYSICS	2015		6	175	http://dx.doi.org/10.1007/JHEP06(2015)175
317	Shape and energy spectra of Lambda hypernuclei from a Skyrme-Hartree-Fock model and a beyond-mean-field calculation	Cui, Ji-Wei; Zhou, Xian-Rong; Schulze, Hans-Josef	PHYSICAL REVIEW C	2015	91	5	54306	http://dx.doi.org/10.1103/PhysRevC.91.054306
318	Shape-coexisting rotation in neutron-deficient Hg and Pb nuclei	Jiao, C. F.; Shi, Yue; Liu, H. L.; Xu, F. R.; Walker, P. M.	PHYSICAL REVIEW C	2015	91	3	34309	http://dx.doi.org/10.1103/PhysRevC.91.034309
319	Shuttle-run synchronization in mobile ad hoc networks	Ma, Sheng-Fei; Bi, Hong-Jie; Zou, Yong; Liu, Zong-Hua; Guan, Shu-Guang	FRONTIERS OF PHYSICS	2015	10	3	343-350	http://dx.doi.org/10.1007/s11467-015-0475-z
320	Singlet-Doublet model: dark matter searches and LHC constraints	Calibbi, Lorenzo; Mariotti, Alberto; Tziveloglou, Pantelis	JOURNAL OF HIGH ENERGY PHYSICS	2015		10	116	http://dx.doi.org/10.1007/JEHP10(2015)116
321	SNSMIL, a real-time single molecule identification and localization algorithm for super-resolution fluorescence microscopy	Tang, Yunqing; Dai, Luru; Zhang, Xiaoming; Li, Junbai; Hendriks, Johnny; Fan, Xiaoming; Gruteser, Nadine; Meisenberg, Annika; Baumann, Arnd; Katranidis, Alexandros; Gensch, Thomas	SCIENTIFIC REPORTS	2015	5		11073	http://dx.doi.org/10.1038/srep11073
322	Some of semileptonic and nonleptonic decays of B-c meson in a Bethe-Salpeter relativistic quark model	Chang ChaoHsi; Fu HuiFeng; Wang GuoLi; Zhang JinMei	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	7	71001	http://dx.doi.org/10.1007/s11433-015-5671-x
323	Spatial solitons and stability in self-focusing and defocusing Kerr nonlinear media with generalized parity-time-symmetric Scarff-II potentials	Yan, Zhenya; Wen, Zichao; Hang, Chao	PHYSICAL REVIEW E	2015	92	2	22913	http://dx.doi.org/10.1103/PhysRevE.92.022913
324	SPECIAL ISSUE-100th Anniversary of Albert Einstein's Presentation of the General Theory of Relativity Preface	Cai, Rong-Gen; Ruffini, Remo; Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2015	30	28-29	1502005	http://dx.doi.org/10.1142/S0217751X15020054
325	Spinor Bose-Einstein condensates of rotating polar molecules	Deng, Y.; Yi, S.	PHYSICAL REVIEW A	2015	92	3	33624	http://dx.doi.org/10.1103/PhysRevA.92.033624
326	Spinor particle creation in near extremal Reissner-Nordstrom black holes	Chen, Chiang-Mei; Sun, Jia-Rui; Tang, Fu-Yi; Tsai, Ping-Yen	CLASSICAL AND QUANTUM GRAVITY	2015	32	19	195003	http://dx.doi.org/10.1088/0264-9381/32/19/195003
327	Spontaneous PT-symmetry breaking in non-Hermitian Kitaev and extended Kitaev models	Wang, Xiaohui; Liu, Tingting; Xiong, Ye; Tong, Peiqing	PHYSICAL REVIEW A	2015	92	1	12116	http://dx.doi.org/10.1103/PhysRevA.92.012116
328	Statistical Mechanics of the Minimum Dominating Set Problem	Zhao, Jin-Hua; Habibulla, Yusupjan; Zhou, Hai-Jun	JOURNAL OF STATISTICAL PHYSICS	2015	159	5	1154-1174	http://dx.doi.org/10.1007/s10955-015-1220-2

329	Strategy of tuning gene expression ratio in prokaryotic cell from perspective of noise and correlation	Li, Rui; Xu, Liufang; Shi, Hualin	JOURNAL OF THEORETICAL BIOLOGY	2015	365		377-389	http://dx.doi.org/10.1016/j.jtbi.2014.11.002
330	Strong gravitational lensing for the photons coupled to Weyl tensor in a Schwarzschild black hole spacetime	Chen, Songbai; Jing, Jiliang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		10	2	http://dx.doi.org/10.1088/1475-7516/2015/10/002
331	Strongly lensed gravitational waves from intrinsically faint double compact binaries - prediction for the Einstein Telescope	Ding, Xuheng; Biesiada, Marek; Zhu, Zong-Hong	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		12	6	http://dx.doi.org/10.1088/1475-7516/2015/12/006
332	Structural and robustness properties of smart-city transportation networks	Zhang Zhen-Gang; Ding Zhuo; Fan Jing-Fang; Meng Jun; Ding Yi-Min; Ye Fang-Fu; Chen Xiao-Song	CHINESE PHYSICS B	2015	24	9	90201	http://dx.doi.org/10.1088/1674-1056/24/9/090201
333	Structural evolution in transitional nuclei of mass 82 <= A <= 132	Bhuyan, M.	PHYSICAL REVIEW C	2015	92	3	34323	http://dx.doi.org/10.1103/PhysRevC.92.034323
334	Studies of two-solar-mass hybrid stars within the framework of Dyson-Schwinger equations	Zhao, Tong; Xu, Shu-Sheng; Yan, Yan; Luo, Xin-Lian; Liu, Xiao-Jun; Zong, Hong-Shi	PHYSICAL REVIEW D	2015	92	5	54012	http://dx.doi.org/10.1103/PhysRevD.92.054012
335	Study of nonleptonic B-(s)* -> M1M2 (M = D, D-s, pi, K) weak decays with factorization approach	Chang, Qin; Li, Pan-Pan; Hu, Xiao-Hui; Han, Lin	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2015	30	27	1550162	http://dx.doi.org/10.1142/S0217751X15501626
336	Study of Nonleptonic B-q(*) -> DqV and PqD* Weak Decays	Chang, Qin; Hu, Xiaohui; Sun, Junfeng; Wang, Xiaolin; Yang, Yueling	ADVANCES IN HIGH ENERGY PHYSICS	2015	2015		767523	http://dx.doi.org/10.1155/2015/767523
337	Study of rotational quark stars and hybrid stars based on the latest equation of state and observation data	Zhao, Tong; Yan, Yan; Luo, Xin-Lian; Zong, Hong-Shi	PHYSICAL REVIEW D	2015	91	3	34018	http://dx.doi.org/10.1103/PhysRevD.91.034018
338	Study of the f(2)(1270), f '(2)(1525), and (K)over-bar(2)*(1430), f(0)(1370) and f(0)(1710) production from psi(nS) and Upsilon(nS) decays	Dai, Lian-Rong; Xie, Ju-Jun; Oset, Eulogio	PHYSICAL REVIEW D	2015	91	9	94013	http://dx.doi.org/10.1103/PhysRevD.91.094013
339	Suggestion for measuring the weak dipole moment of tau lepton at Z factory	Xu, Qing-Jun; Chang, Chao-Hsi	PHYSICAL REVIEW D	2015	91	1	13011	http://dx.doi.org/10.1103/PhysRevD.91.013011
340	Superconductivity and superfluidity as universal emergent phenomena	Guidry, Mike; Sun, Yang	FRONTIERS OF PHYSICS	2015	10	4	107404	http://dx.doi.org/10.1007/s11467-015-0502-0
341	SUPERMASSIVE BLACK HOLES IN GALACTIC NUCLEI WITH TIDAL DISRUPTION OF STARS. II. AXISYMMETRIC NUCLEI	Zhong, Shiyan; Berczik, Peter; Spurzem, Rainer	ASTROPHYSICAL JOURNAL	2015	811	1	22	http://dx.doi.org/10.1088/0004-637X/811/1/22
342	Supernatural MSSM	Du, Guangle; Li, Tianjun; Nanopoulos, D. V.; Raza, Shabbar	PHYSICAL REVIEW D	2015	92	2	25038	http://dx.doi.org/10.1103/PhysRevD.92.025038
343	Supersymmetric standard models with a pseudo-Dirac gluino from hybrid F- and D-term supersymmetry breaking	Ding, Ran; Li, Tianjun; Staub, Florian; Tian, Chi; Zhu, Bin	PHYSICAL REVIEW D	2015	92	1	15008	http://dx.doi.org/10.1103/PhysRevD.92.015008
344	Supersymmetry explanation of the Fermi Galactic Center excess and its test at LHC run II	Cao, Junjie; Shang, Liangliang; Wu, Peiwen; Yang, Jin Min; Zhang, Yang	PHYSICAL REVIEW D	2015	91	5	55005	http://dx.doi.org/10.1103/PhysRevD.91.055005
345	Supersymmetry with a heavy lightest supersymmetric particle	Cheng, Taoli; Li, Jinmian; Li, Tianjun	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2015	42	6	65004	http://dx.doi.org/10.1088/0954-3899/42/6/065004
346	Susceptibilities and critical exponents within the Nambu-Jona-Lasinio model	Du, Yi-Lun; Lu, Ya; Xu, Shu-Sheng; Cui, Zhu-Fang; Shi, Chao; Zong, Hong-Shi	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2015	30	34	1550199	http://dx.doi.org/10.1142/S0217751X15501997
347	S-wave resonance contributions to the B-(s)(0) -> J/psi pi(+)pi(-) and B-s -> pi(+)pi(-)mu(+)mu(-) decays	Wang, Wen-Fei; Li, Hsiang-nan; Wang, Wei; Lu, Cai-Dian	PHYSICAL REVIEW D	2015	91	9	94024	http://dx.doi.org/10.1103/PhysRevD.91.094024
348	Symmetry breaking indication for supergravity inflation in light of the Planck 2015	Li, Tianjun; Li, Zhijin; Nanopoulos, Dimitri V.	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2015		9	6	http://dx.doi.org/10.1088/1475-7516/2015/09/006
349	Systematic research on alpha-decay rates of spherical and deformed nuclei	Ni, Dongdong; Ren, Zhongzhou	ANNALS OF PHYSICS	2015	358		108-128	http://dx.doi.org/10.1016/j.aop.2015.03.001
350	Systematic study of nuclear matrix elements in neutrinoless double-beta decay with a beyond-mean-field covariant density functional theory	Yao, J. M.; Song, L. S.; Hagino, K.; Ring, P.; Meng, J.	PHYSICAL REVIEW C	2015	91	2	24316	http://dx.doi.org/10.1103/PhysRevC.91.024316
351	Systematical shell-model calculation in the pairing-plus-multipole Hamiltonian with a monopole interaction for the pf(5/2)g(9/2) shell	Kaneko, K.; Mizusaki, T.; Sun, Y.	PHYSICAL REVIEW C	2015	92	4	44331	http://dx.doi.org/10.1103/PhysRevC.92.044331
352	Systematically Constructing Kinetic Transition Network in Polypeptide from Top to Down: Trajectory Mapping	Gong, Linchen; Zhou, Xin; Ouyang, Zhongcan	PLOS ONE	2015	10	5	e0125932	http://dx.doi.org/10.1371/journal.pone.0125932
353	Temperature dependent transport coefficients in a dynamical holographic QCD model	Li, Danning; He, Song; Huang, Mei	JOURNAL OF HIGH ENERGY PHYSICS	2015		6	46	http://dx.doi.org/10.1007/JHEP06(2015)046

354	Test of Equivalence Principle at 10(-8) Level by a Dual-Species Double-Diffraction Raman Atom Interferometer	Zhou, Lin; Long, Shitong; Tang, Biao; Chen, Xi; Gao, Fen; Peng, Wencui; Duan, Weitao; Zhong, Jiaqi; Xiong, Zongyuan; Wang, Jin; Zhang, Yuanzhong; Zhan, Mingsheng	PHYSICAL REVIEW LETTERS	2015	115	1	13004	http://dx.doi.org/10.1103/PhysRevLett.115.013004
355	Texture transformation in circular domain of polar smectic films: Chiral elasticity induced by coupling of flexoelectric and spontaneous polarizations	Iwamoto, Mitsumasa; Taguchi, Dai; Ou-Yang, Zhong-can	CHEMICAL PHYSICS LETTERS	2015	628		96-100	http://dx.doi.org/10.1016/j.cplett.2015.03.061
356	The (p, q) inflation model	Huang QingGuo	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	11	110401	http://dx.doi.org/10.1007/s11433-015-5732-1
357	The 14 TeV LHC takes aim at SUSY: a No-Scale supergravity model for LHC Run 2	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICA SCRIPTA	2015	90	9	98001	http://dx.doi.org/10.1088/0031-8949/90/9/098001
358	The Directed Dominating Set Problem: Generalized Leaf Removal and Belief Propagation	Habibulla, Yusupjan; Zhao, Jin-Hua; Zhou, Hai-Jun	FRONTIERS IN ALGORITHMICS (FAW 2015)	2015	9130		78-88	http://dx.doi.org/10.1007/978-3-319-19647-3_8
359	The Directional Observation of Highly Dynamic Membrane Tubule Formation Induced by Engulfed Liposomes	Zhang, Xiaoming; Dai, Luru; Wang, Anhe; Woelk, Christian; Dobner, Bodo; Brezesinski, Gerald; Tang, Yunqing; Wang, Xianyou; Li, Junbai	SCIENTIFIC REPORTS	2015	5		16559	http://dx.doi.org/10.1038/srep16559
360	The Effect of Quantum Coins on the Spreading of Binary Disordered Quantum Walk	Zhao Jing; Hu Ya-Yun; Tong Pei-Qing	CHINESE PHYSICS LETTERS	2015	32	6	60501	http://dx.doi.org/10.1088/0256-307X/32/6/060501
361	The evaporation residue in the fission state of barium nuclei within relativistic mean-field theory	Bhuyan, M.; Patra, S. K.; Gupta, Raj K.	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2015	42	1	15105	http://dx.doi.org/10.1088/0954-3899/42/1/015105
362	The Evidence for Fullerene Aggregation in High-Performance Small-Molecule Solar Cells by Molecular Dynamics Simulation	Long, Guankui; Li, Ailin; Shi, Rui; Zhou, Ye-Cheng; Yang, Xuan; Zuo, Yi; Wu, Wei-Ru; Jeng, U-Ser; Wang, Yanting; Wan, Xianjian; Shen, Panwen; Zhang, Hao-Li; Yan, Tianying; Chen, Yongsheng	ADVANCED ELECTRONIC MATERIALS	2015	1	11	1500217	http://dx.doi.org/10.1002/aelm.201500217
363	The four-point correlation function of graviton during inflation	Fu, Tian-Fu; Huang, Qing-Guo	JOURNAL OF HIGH ENERGY PHYSICS	2015		7	-	http://dx.doi.org/10.1007/JHEP07(2015)132
364	The graviton Higgs mechanism	Arraut, Ivan	EPL	2015	111	6	61001	http://dx.doi.org/10.1209/0295-5075/111/61001
365	The K- p -> f(1)(1285)Lambda reaction within an effective Lagrangian approach	Xie, Ju-Jun	PHYSICAL REVIEW C	2015	92	6	65203	http://dx.doi.org/10.1103/PhysRevC.92.065203
366	The K(K)over-bar pi decay of the f(1) (1285) and its nature as a K*(K)over-bar - cc molecule	Aceti, F.; Xie, Ju-Jun; Oset, E.	PHYSICS LETTERS B	2015	750		609-614	http://dx.doi.org/10.1016/j.physletb.2015.09.068
367	The low lying scalar resonances in the D-0 decays into K-s(0) and f(0)(500), f(0)(980), a(0)(980)	Xie, Ju-Jun; Dai, Lian-Rong; Oset, Eulogio	PHYSICS LETTERS B	2015	742		363-369	http://dx.doi.org/10.1016/j.physletb.2015.02.006
368	The next detectors for gravitational wave astronomy	Blair David; Ju Li; Zhao ChunNong; Wen LinQing; Miao Haixing; Cai RongGen; Gao JiangRui; Lin XueChun; Liu Dong; Wu Ling-An; Zhu ZongHong; Hammond Giles; Paik Ho Jung; Fafone Viviana; Rocchi Alessio; Blair Carl; Ma YiQiu; Qin JiaYi; Page Michael	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2015	58	12	120405	http://dx.doi.org/10.1007/s11433-015-5747-7
369	The octet meson and octet baryon interaction with strangeness and the Lambda(1405)	He, Jun; Lu, Pei-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2015	24	11	1550088	http://dx.doi.org/10.1142/S0218301315500883
370	The phase diagram and radial collapse of an inflated soft tube under twist	Meng, Fanlong; Chen, Jeff Z. Y.; Doi, Masao; Ouyang, Zhongcan	SOFT MATTER	2015	11	35	7046-7052	http://dx.doi.org/10.1039/c5sm01740h
371	The quasi-normal modes of charged scalar fields in Kerr-Newman black hole and its geometric interpretation	Zhao, Peng; Tian, Yu; Wu, Xiaoning; Sun, Zhao-Yong	JOURNAL OF HIGH ENERGY PHYSICS	2015		11	167	http://dx.doi.org/10.1007/JHEP11(2015)167
372	The renormalizable three-term polynomial inflation with large tensor-to-scalar ratio	Li, Tianjun; Sun, Zheng; Tian, Chi; Wu, Lina	EUROPEAN PHYSICAL JOURNAL C	2015	75	7	301	http://dx.doi.org/10.1140/epjc/s10052-015-3508-4
373	The R-uds value in the vicinity of psi(3770) state	Wang, Rong; Cao, Xu; Chen, Xurong	PHYSICS LETTERS B	2015	747		321-324	http://dx.doi.org/10.1016/j.physletb.2015.06.012

374	The solution space structure of random constraint satisfaction problems with growing domains	Xu, Wei; Zhang, Pan; Liu, Tian; Gong, Fuzhou	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2015			P12006	http://dx.doi.org/10.1088/1742-5468/2015/12/P12006
375	The structural and decay properties of Francium isotopes	Bhuyan, M.; Mahapatro, S.; Singh, S. K.; Patra, S. K.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	2015	24	4	1550028	http://dx.doi.org/10.1142/S0218301315500287
376	Theoretical investigation of the decay of the N(2120) resonance to nucleon resonances near 1.7 GeV	Huang, Yin; He, Jun; Chen, Xu-Rong; Wang, Rong; Xie, Ju-Jun; Zhang, Hong-Fei	PHYSICAL REVIEW C	2015	91	6	65202	http://dx.doi.org/10.1103/PhysRevC.91.065202
377	Theoretical studies on sRNA-mediated regulation in bacteria	Chang Xiao-Xue; Xu Liu-Fang; Shi Hua-Lin	CHINESE PHYSICS B	2015	24	12	128703	http://dx.doi.org/10.1088/1674-1056/24/12/128703
378	Theoretical study of Lambda resonances from an analysis of Crystal Ball K- p -> pi(0)Sigma(0) reaction data with center-of-mass energies of 1536-1676 MeV	Shi, Jun; Zou, Bing-Song	PHYSICAL REVIEW C	2015	91	3	35202	http://dx.doi.org/10.1103/PhysRevC.91.035202
379	Theory of quantum gravity beyond Einstein and space-time dynamics with quantum inflation	Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2015	30	28-29	1545002	http://dx.doi.org/10.1142/S0217751X15450025
380	Thermal properties of asymmetric nuclear matter with an improved isospin- and momentum-dependent interaction	Xu, Jun; Chen, Lie-Wen; Li, Bao-An	PHYSICAL REVIEW C	2015	91	1	14611	http://dx.doi.org/10.1103/PhysRevC.91.014611
381	Thermodynamics of black holes in massive gravity	Cai, Rong-Gen; Hu, Ya-Peng; Pan, Qi-Yuan; Zhang, Yun-Long	PHYSICAL REVIEW D	2015	91	2	24032	http://dx.doi.org/10.1103/PhysRevD.91.024032
382	Thermodynamics of large-N gauge theories on a sphere: weak versus strong coupling	Zuo, Fen; Gao, Yi-Hong	JOURNAL OF HIGH ENERGY PHYSICS	2015		5	3	http://dx.doi.org/10.1007/JHEP05(2015)003
383	Third generation in cascade decays	Dutta, Bhaskar; Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Sinha, Kuver; Walker, Joel W.	PHYSICAL REVIEW D	2015	91	11	115021	http://dx.doi.org/10.1103/PhysRevD.91.115021
384	Three-dimensional dimeron as a stable topological object	Liu, Yong-Kai; Yang, Shi-Jie	PHYSICAL REVIEW A	2015	91	4	43616	http://dx.doi.org/10.1103/PhysRevA.91.043616
385	Time domain analysis of superradiant instability for the charged stringy black hole-mirror system	Li, Ran; Tian, Yu; Zhang, Hongbao; Zhao, Junkun	PHYSICS LETTERS B	2015	750		520-527	http://dx.doi.org/10.1016/j.physletb.2015.09.073
386	To understand the rare decay B-s -> pi(+)pi(-)l(+)l(-)	Wang, Wei; Zhu, Rui-Lin	PHYSICS LETTERS B	2015	743		467-471	http://dx.doi.org/10.1016/j.physletb.2015.03.011
387	Top quark decay to a 125 GeV Higgs in the BLMSSM	Gao Tie-Jun; Feng Tai-Fu; Sun Fei; Zhang Hai-Bin; Zhao Shu-Min	CHINESE PHYSICS C	2015	39	7	73101	http://dx.doi.org/10.1088/1674-1137/39/7/073101
388	Topological insulator state in gated bilayer silicene	Zhang, Ming-Ming; Xu, Lei; Zhang, Jun	JOURNAL OF PHYSICS-CONDENSED MATTER	2015	27	44	445301	http://dx.doi.org/10.1088/0953-8984/27/44/445301
389	Topological properties of a Valence-Bond-Solid	Shao, Hui; Guo, Wenan; Sandvik, Anders W.	XXVI IUPAP CONFERENCE ON COMPUTATIONAL PHYSICS (CCP2014)	2015	640		12048	http://dx.doi.org/10.1088/1742-6596/640/1/012048
390	Towards the natural gauge mediation	Ding, Ran; Li, Tianjun; Wang, Liucheng; Zhu, Bin	JOURNAL OF HIGH ENERGY PHYSICS	2015		10	154	http://dx.doi.org/10.1007/JHEP10(2015)154
391	Tunable anisotropic superfluidity in an optical kagome superlattice	Zhang, Xue-Feng; Wang, Tao; Eggert, Sebastian; Pelster, Axel	PHYSICAL REVIEW B	2015	92	1	14512	http://dx.doi.org/10.1103/PhysRevB.92.014512
392	Two component dark matter with multi-Higgs portals	Bian, Ligong; Li, Tianjun; Shu, Jing; Wang, Xiao-Chuan	JOURNAL OF HIGH ENERGY PHYSICS	2015		3	126	http://dx.doi.org/10.1007/JHEP03(2015)126
393	Two-dimensional Bose-Einstein condensate under pressure	Cho, Wonyoung; Kim, Sang-Woo; Park, Jeong-Hyuck	NEW JOURNAL OF PHYSICS	2015	17		13038	http://dx.doi.org/10.1088/1367-2630/17/1/013038
394	Two-loop current-current operator contribution to the non-leptonic QCD penguin amplitude	Bell, G.; Beneke, M.; Huber, T.; Li, Xin-Qiang	PHYSICS LETTERS B	2015	750		348-355	http://dx.doi.org/10.1016/j.physletb.2015.09.037
395	Unified study of J/Psi -> PV, P gamma(()*()) and light hadron radiative processes	Chen, Yun-Hua; Guo, Zhi-Hui; Zou, Bing-Song	PHYSICAL REVIEW D	2015	91	1	14010	http://dx.doi.org/10.1103/PhysRevD.91.014010
396	Universal critical wrapping probabilities in the canonical ensemble	Hu, Hao; Deng, Youjin	NUCLEAR PHYSICS B	2015	898		157-172	http://dx.doi.org/10.1016/j.nuclphysb.2015.06.025
397	Universal Expression of Efficiency at Maximum Power: A Quantum-Mechanical Brayton Engine Working with a Single Particle Confined in a Power-Law Trap	Ye Zhuo-Lin; Li Wei-Sheng; Lai Yi-Ming; He Ji-Zhou; Wang Jian-Hui	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	64	6	671-675	http://dx.doi.org/10.1088/0253-6102/64/6/671
398	Updated reduced CMB data and constraints on cosmological parameters	Cai, Rong-Gen; Guo, Zong-Kuan; Tang, Bo	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2015	24	10	1550071	http://dx.doi.org/10.1142/S0218271815500716
399	Upper limits on dark matter annihilation cross sections from the first AMS-02 antiproton data	Jin, Hong-Bo; Wu, Yue-Liang; Zhou, Yu-Feng	PHYSICAL REVIEW D	2015	92	5	55027	http://dx.doi.org/10.1103/PhysRevD.92.055027
400	Variation after projection with a triaxially deformed nuclear mean field	Gao, Zao-Chun; Horoi, Mihai; Chen, Y. S.	PHYSICAL REVIEW C	2015	92	6	64310	http://dx.doi.org/10.1103/PhysRevC.92.064310

401	Vector Meson Mass in Finite Density and Temperature Lattice QCD	Wang Rui; Chen Ying; Gong Ming; Liu Chuan; Liu Yu-Bin; Liu Zhao-Feng; Ma Jian-Ping; Meng Xiang-Fei; Zhang Jian-Bo	COMMUNICATIONS IN THEORETICAL PHYSICS	2015	63	5	559-564	http://dx.doi.org/10.1088/0253-6102/63/5/559
402	VERTICAL CONVECTION IN NEUTRINO-DOMINATED ACCRETION FLOWS	Liu, Tong; Gu, Wei-Min; Kawanaka, Norita; Li, Ang	ASTROPHYSICAL JOURNAL	2015	805	1	37	http://dx.doi.org/10.1088/0004-637X/805/1/37
403	Vices and virtues of Higgs effective field theories at large energy	Biekoetter, Anke; Knochel, Alexander; Kraemer, Michael; Liu, Da; Riva, Francesco	PHYSICAL REVIEW D	2015	91	5	55029	http://dx.doi.org/10.1103/PhysRevD.91.055029
404	Work done and irreversible entropy production in a suddenly quenched quantum spin chain with asymmetrical excitation spectra	Zhong, Ming; Tong, Peiqing	PHYSICAL REVIEW E	2015	91	3	32137	http://dx.doi.org/10.1103/PhysRevE.91.032137
405	Y-stringlike behavior of a static baryon at finite temperature	Bakry, Ahmed S.; Chen, Xurong; Zhang, Peng-Ming	PHYSICAL REVIEW D	2015	91	11	114506	http://dx.doi.org/10.1103/PhysRevD.91.114506
406	Z(c)(3900) as a resonance from the D(D)over-bar* interaction	He, Jun	PHYSICAL REVIEW D	2015	92	3	34004	http://dx.doi.org/10.1103/PhysRevD.92.034004