

SCI Papers of ITP in 2012

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	1+1-dimensional p-wave superconductors from intersecting D-branes	Bu, Yanyan	PHYSICAL REVIEW D	2012	86	10	106005	http://dx.doi.org/10.1103/PhysRevD.86.106005
2	A 125.5 GeV Higgs boson in F-SU(5): imminently observable proton decay, a 130 GeV gamma-ray line, and SUSY multijets & light stops at the LHC8	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joelw.	EUROPEAN PHYSICAL JOURNAL C	2012	72	12	2246	http://dx.doi.org/10.1140/epjc/s10052-012-2246-0
3	A basic theory for the interference of wave packets reflected from stationary and moving boundaries	Yang Lin-Ping; Su Zhao-Bing; Li Ming-Chiang	ACTA PHYSICA SINICA	2012	61	7	74105	http://dx.doi.org/10.7498/aps.61.074105
4	A Higgs mass shift to 125 GeV and a multi-jet supersymmetry signal: Miracle of the flippons at the root s=7 TeV LHC	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICS LETTERS B	2012	710	1	207-214	http://dx.doi.org/10.1016/j.physletb.2012.02.086
5	A hQCD model and its phase diagram in Einstein-Maxwell-Dilaton system	Cai, Rong-Gen; He, Song; Li, Danning	JOURNAL OF HIGH ENERGY PHYSICS	2012		3	33	http://dx.doi.org/10.1007/JHEP03(2012)033
6	A Model of Nonsingular Universe	Gao, Changjun	ENTROPY	2012	14	7	1296-1305	http://dx.doi.org/10.3390/e14071296
7	A note on poly-instanton effects in type IIB orientifolds on Calabi-Yau threefolds	Blumenhagen, Ralph; Gao, Xin; Rahn, Thorsten; Shukla, Pramod	JOURNAL OF HIGH ENERGY PHYSICS	2012		6	162	http://dx.doi.org/10.1007/JHEP06(2012)162
8	A note on the thermodynamics of self-gravitating systems and its related astrophysics	Kang, Dong-Biao	EPL	2012	98	3	30011	http://dx.doi.org/10.1209/0295-5075/98/30011
9	A quantum solution to Gibbs paradox with few particles	Dong Hui; Cai ChengYun; Sun ChangPu	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2012	55	10	1727-1733	http://dx.doi.org/10.1007/s11433-012-4873-8
10	A SM-like Higgs near 125 GeV in low energy SUSY: a comparative study for MSSM and NMSSM	Cao, Junjie; Heng, Zhaoxia; Yang, Jin Min; Zhang, Yanming; Zhu, Jingya	JOURNAL OF HIGH ENERGY PHYSICS	2012		3	86	http://dx.doi.org/10.1007/JHEP03(2012)086
11	A Specific Case of Generalized Einstein-aether Theories	Meng Xin-He; Du Xiao-Long	COMMUNICATIONS IN THEORETICAL	2012	57	2	227-233	http://dx.doi.org/10.1088/0253-6102/57/2/12
12	A two-tiered correlation of dark matter with missing transverse energy: reconstructing the lightest supersymmetric particle mass at the LHC	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	JOURNAL OF HIGH ENERGY PHYSICS	2012		2	129	http://dx.doi.org/10.1007/JHEP02(2012)129
13	Accelerating BTZ spacetime	Xu, Wei; Meng, Kun; Zhao, Liu	CLASSICAL AND QUANTUM GRAVITY	2012	29	15	155005	http://dx.doi.org/10.1088/0264-9381/29/15/155005
14	ACOUSTIC BLACK HOLES FROM SUPERCURRENT TUNNELING	Ge, Xian-Hui; Wu, Shao-Feng; Wang, Yunping; Yang, Guo-Hong; Shen, You-Gen	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2012	21	4	1250038	http://dx.doi.org/10.1142/S0218271812500381
15	alpha-decay calculations of superheavy nuclei with a folded Woods-Saxon potential	Lin, Z. J.; Pei, J. C.; Xu, F. R.	PHYSICA SCRIPTA	2012	T150		14022	http://dx.doi.org/10.1088/0031-8949/2012/T150/014022
16	Alpha-Decay Studies of Rf, Sg, and Hs Isotopes within the Multi-Channel Cluster Model	Ni, Dongdong; Ren, Zhongzhou	PROGRESS OF THEORETICAL PHYSICS	2012		196	445-450	
17	Alternative characterization of the spherical to axially deformed shape-phase transition in the interacting boson model	Dai, L. R.; Pan, F.; Liu, L.; Wang, L. X.; Draayer, J. P.	PHYSICAL REVIEW C	2012	86	3	34316	http://dx.doi.org/10.1103/PhysRevC.86.034316
18	An average-derivative optimal scheme for frequency-domain scalar wave equation	Chen, Jing-Bo	GEOPHYSICS	2012	77	6	T201-T210	http://dx.doi.org/10.1190/GEO2011-0389.1
19	Analysis on a general class of holographic type dark energy models	Huang, Zhuo-Peng; Wu, Yue-Liang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2012		7	35	http://dx.doi.org/10.1088/1475-7516/2012/07/035
20	Analytical Calculation on Critical Magnetic Field in Holographic Superconductors with Backreaction	Ge, Xian-Hui; Leng, Hong-Qiang	PROGRESS OF THEORETICAL PHYSICS	2012	128	6	1211-1228	http://dx.doi.org/10.1143/PTP.128.1211
21	Asymmetric origin for gravitino relic density in the hybrid gravity-gauge mediated supersymmetry breaking	Kang, Zhaofeng; Li, Tianjun	JOURNAL OF HIGH ENERGY PHYSICS	2012		10	150	http://dx.doi.org/10.1007/JHEP10(2012)150
22	Atomic and electronic structures of FeSe monolayer and bilayer thin films on SrTiO3 (001): First-principles study	Liu, Kai; Lu, Zhong-Yi; Xiang, Tao	PHYSICAL REVIEW B	2012	85	23	235123	http://dx.doi.org/10.1103/PhysRevB.85.235123
23	Background-dependent Lorentz violation: natural solutions to the theoretical challenges of the superluminal neutrino	Li, Tianjun; Nanopoulos, Dimitri V.	EUROPEAN PHYSICAL JOURNAL C	2012	72	6	2044	http://dx.doi.org/10.1140/epjc/s10052-012-2044-8
24	Binding energies, alpha-decay energies, and alpha-decay half-lives for heavy and superheavy nuclei	Ni, Dongdong; Ren, Zhongzhou	NUCLEAR PHYSICS A	2012	893		13-26	http://dx.doi.org/10.1016/j.nuclphysa.2012.08.006
25	Birkhoff's theorem in f(T) gravity up to the perturbative order	Dong, Han; Wang, Ying-bin; Meng, Xin-he	EUROPEAN PHYSICAL JOURNAL C	2012	72	10	2201	http://dx.doi.org/10.1140/epjc/s10052-012-2201-0
26	Calculation of Excited States of He Atoms in a Strong Magnetic Field	Zhao Li-Bo; Saha, B. C.; Du Meng-Li	COMMUNICATIONS IN THEORETICAL	2012	57	6	1059-1065	http://dx.doi.org/10.1088/0253-6102/57/6/20
27	Calculations of beta-decay half-lives of proton-rich nuclei	Ni DongDong; Ren ZhongZhou; Zhi QiJun	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2012	55	12	2397-2406	http://dx.doi.org/10.1007/s11433-012-4928-x
28	Calculations of the beta-decay half-lives of neutron-rich nuclei	Ni, Dongdong; Ren, Zhongzhou	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2012	39	12	125105	http://dx.doi.org/10.1088/0954-3899/39/12/125105

29	Charmed-Hadron Production in γ Semi-inclusive Decay	Chen Hai-Ting; Sang Wen-Long; Wu Pei	COMMUNICATIONS IN THEORETICAL	2012	57	4	665-676	http://dx.doi.org/10.1088/0253-6102/57/4/22
30	Charmless B-s \rightarrow PP, PV, VV decays based on the six-quark effective Hamiltonian with strong phase effects II	Su, Fang; Wu, Yue-Liang; Yang, Yi-Bo; Zhuang, Ci	EUROPEAN PHYSICAL JOURNAL C	2012	72	3	1914	http://dx.doi.org/10.1140/epjc/s10052-012-1914-4
31	Coarse-graining renormalization by higher-order singular value decomposition	Xie, Z. Y.; Chen, J.; Qin, M. P.; Zhu, J. W.; Yang, L. P.; Xiang, T.	PHYSICAL REVIEW B	2012	86	4	45139	http://dx.doi.org/10.1103/PhysRevB.86.045139
32	Coexistence of ferromagnetism and superconductivity in YBCO nanoparticles	Zhu, Zhonghua; Gao, Daqiang; Dong, Chunhui; Yang, Guijin; Zhang, Jing; Zhang, Jinlin; Shi, Zhenhua; Gao, Hua; Luo, Honggang; Xue, Desheng	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2012	14	11	3859-3863	http://dx.doi.org/10.1039/c2cp23046a
33	Coherent excitation transfer via the dark-state channel in a bionic system	Dong, Hui; Xu, Da-Zhi; Huang, Jin-Feng; Sun, Chang-Pu	LIGHT-SCIENCE & APPLICATIONS	2012	1		e2	http://dx.doi.org/10.1038/lsa.2012.2
34	Collinear factorization for single transverse-spin asymmetry in Drell-Yan processes	Ma, J. P.; Sang, H. Z.; Zhu, S. J.	PHYSICAL REVIEW D	2012	85	11	114011	http://dx.doi.org/10.1103/PhysRevD.85.114011
35	Competition between attraction and diffusion in nanoscale non-equilibrium aggregation	Wang BoYang; Deng Li; Wang YanTing	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2012	55	12	2237-2243	http://dx.doi.org/10.1007/s11433-012-4949-5
36	Concentration and Temperature Dependences of Polyglutamine Aggregation by Multiscale Coarse-Graining Molecular Dynamics Simulations	Deng, Li; Wang, Yanting; Ouyang, Zhong-can	JOURNAL OF PHYSICAL CHEMISTRY B	2012	116	34	10135-10144	http://dx.doi.org/10.1021/jp210683n
37	Consistency and advantage of loop regularization method merging with Bjorken-Drell's analogy between Feynman diagrams and electrical circuits	Huang, Da; Wu, Yue-Liang	EUROPEAN PHYSICAL JOURNAL C	2012	72	7	2066	http://dx.doi.org/10.1140/epjc/s10052-012-2066-2
38	Constraints on neutrino velocities revisited	Huo, Yunjie; Li, Tianjun; Liao, Yi; Nanopoulos, Dimitri V.; Qi, Yonghui	PHYSICAL REVIEW D	2012	85	3	34022	http://dx.doi.org/10.1103/PhysRevD.85.034022
39	Constraints on primordial gravitational waves with variable sound speed from current CMB data	Cheng, Cheng; Huang, Qing-Guo; Li, Xiao-Dong; Ma, Yin-Zhe	PHYSICAL REVIEW D	2012	86	12	123512	http://dx.doi.org/10.1103/PhysRevD.86.123512
40	Constraints on the universal varying Yukawa couplings: from SM-like to	Li, Tianjun; Wan, Xia; Wang, You-kai; Zhu, Shou-hua	JOURNAL OF HIGH ENERGY PHYSICS	2012		9	86	http://dx.doi.org/10.1007/JHEP09(2012)086
41	Continuous percolation phase transitions of random networks under a generalized Achlioptas process	Fan, Jingfang; Liu, Maoxin; Li, Liangsheng; Chen, Xiaosong	PHYSICAL REVIEW E	2012	85	6	61110	http://dx.doi.org/10.1103/PhysRevE.85.061110
42	Continuous percolation phase transitions of two-dimensional lattice networks under a generalized Achlioptas process	Liu, M. X.; Fan, J. F.; Li, L. S.; Chen, X. S.	EUROPEAN PHYSICAL JOURNAL B	2012	85	4	132	http://dx.doi.org/10.1140/epjb/e2012-20872-1
43	Core Percolation on Complex Networks	Liu, Yang-Yu; Csoka, Endre; Zhou, Haijun; Posfai, Marton	PHYSICAL REVIEW LETTERS	2012	109	20	205703	http://dx.doi.org/10.1103/PhysRevLett.109.205703
44	Correlating LHCB B-s(0) \rightarrow $\mu^+\mu^-$ results with the ATLAS-CMS multijet supersymmetry search	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	EPL	2012	100	2	21001	http://dx.doi.org/10.1209/0295-5075/100/21001
45	Cosmological constant, inflation and no-cloning theorem	Huang, Qing-Guo; Lin, Feng-Li	PHYSICS LETTERS B	2012	712	1-2	143-145	http://dx.doi.org/10.1016/j.physletb.2012.04.062
46	COSMOLOGICAL CONSTRAINT AND ANALYSIS ON HOLOGRAPHIC DARK ENERGY MODEL CHARACTERIZED BY THE CONFORMAL-AGE-LIKE LENGTH	Huang, Zhuo-Peng; Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2012	27	22	1250130	http://dx.doi.org/10.1142/S0217751X12501308
47	Cosmological constraints on Lorentz invariance violation in the neutrino sector	Guo, Zong-Kuan; Huang, Qing-Guo; Cai, Rong-Gen; Zhang, Yuan-Zhong	PHYSICAL REVIEW D	2012	86	6	65004	http://dx.doi.org/10.1103/PhysRevD.86.065004
48	Counting solutions from finite samplings	Huang, Haiping; Zhou, Haijun	PHYSICAL REVIEW E	2012	85	2	26118	http://dx.doi.org/10.1103/PhysRevE.85.026118
49	Coupling chromosomal replication to cell growth by the initiator protein DnaA in Escherichia coli	Zhang, Qing; Shi, Hualin	JOURNAL OF THEORETICAL BIOLOGY	2012	314		164-172	http://dx.doi.org/10.1016/j.jtbi.2012.08.045
50	Covariant density functional theory and applications in nuclear physics and r-process	Zhao, P. W.; Li, L. L.; Li, Z. P.; Niu, Z. M.; Ring, P.; Yao, J. M.; Zhou, S. G.; Meng, J.	NSRT12 - INTERNATIONAL CONFERENCE ON NUCLEAR STRUCTURE AND RELATED TOPICS	2012	38		2001	http://dx.doi.org/10.1051/epjconf/20123802001
51	Critical behavior of higher cumulants of order parameter in the 3D-Ising universality	Chen Li-Zhu; Pan Xue; Chen Xiao-Song; Wu Yuan-Fang	CHINESE PHYSICS C	2012	36	8	727-732	http://dx.doi.org/10.1088/1674-1137/36/8/008
52	Current experimental constraints on the lightest Higgs boson mass in the constrained MSSM	Cao, Junjie; Heng, Zhaoxia; Li, Dongwei; Yang, Jin Min	PHYSICS LETTERS B	2012	710	4-5	665-670	http://dx.doi.org/10.1016/j.physletb.2012.03.052
53	Dark energy and fate of the Universe	Li XiaoDong; Wang Shuang; Huang QingGuo; Zhang Xin; Li Miao	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2012	55	7	1330-1334	http://dx.doi.org/10.1007/s11433-012-4748-z
54	Dark matter conversion as a source of boost factor	Liu, Ze-Peng; Wu, Yue-Liang; Zhou, Yu-Feng	7TH INTERNATIONAL WORKSHOP ON THE DARK SIDE OF THE UNIVERSE (DSU 2011)	2012	384		12024	http://dx.doi.org/10.1088/1742-6596/384/1/012024
55	Deformed relativistic Hartree-Bogoliubov theory in continuum	Li, Lulu; Meng, Jie; Ring, P.; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW C	2012	85	2	24312	http://dx.doi.org/10.1103/PhysRevC.85.024312
56	Diffusion-Limited Aggregation with Polygon Particles	Deng Li; Wang Yan-Ting; Ouyang Zhong-Can	COMMUNICATIONS IN THEORETICAL	2012	58	6	895-901	http://dx.doi.org/10.1088/0253-6102/58/6/17

57	Direction dependence of the deceleration parameter	Cai, Rong-Gen; Tuo, Zhong-Liang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2012		2	4	http://dx.doi.org/10.1088/1475-7516/2012/02/004
58	Double magic nuclei for $Z > 82$ and $N > 126$	Zhang, H. F.; Gao, Y.; Wang, N.; Li, J. Q.; Zhao, E. G.; Royer, G.	PHYSICAL REVIEW C	2012	85	1	14325	http://dx.doi.org/10.1103/PhysRevC.85.014325
59	d-wave superconductivity induced by short-range antiferromagnetic correlations in the two-dimensional Kondo lattice model	Liu, Yu; Li, Huan; Zhang, Guang-Ming; Yu, Lu	PHYSICAL REVIEW B	2012	86	2	24526	http://dx.doi.org/10.1103/PhysRevB.86.024526
60	Dynamic Monte Carlo simulations of double crystallization accelerated in microdomains of diblock copolymers	Li, Yuan; Ma, Yu; Li, Juan; Jiang, Xiaoming; Hu, Wenbing	JOURNAL OF CHEMICAL PHYSICS	2012	136	10	104906	http://dx.doi.org/10.1063/1.3693519
61	Dynamical Horizon Entropy Bound Conjecture in Loop Quantum Cosmology	Li Li-Fang; Zhu Jian-Yang	COMMUNICATIONS IN THEORETICAL	2012	58	1	63-66	http://dx.doi.org/10.1088/0253-6102/58/1/13
62	Efficient simulation of infinite tree tensor network states on the Bethe lattice	Li, Wei; von Delft, Jan; Xiang, Tao	PHYSICAL REVIEW B	2012	86	19	195137	http://dx.doi.org/10.1103/PhysRevB.86.195137
63	Einstein-aether theory as an alternative to dark energy model?	Meng, Xinhe; Du, Xiaolong	PHYSICS LETTERS B	2012	710	4-5	493-499	http://dx.doi.org/10.1016/j.physletb.2012.03.024
64	Emergence of space and spacetime dynamics of Friedmann-Robertson-Walker universe	Cai, Rong-Gen	JOURNAL OF HIGH ENERGY PHYSICS	2012		11	16	http://dx.doi.org/10.1007/JHEP11(2012)016
65	Entanglement entropy and Wilson loop in Stueckelberg holographic insulator/superconductor model	Cai, Rong-Gen; He, Song; Li, Li; Li, Li-Fang	JOURNAL OF HIGH ENERGY PHYSICS	2012		10	107	http://dx.doi.org/10.1007/JHEP10(2012)107
66	Entropy bound with generalized uncertainty principle in general dimensions	Wang, W.; Huang, D.	EPL	2012	99	1	11002	http://dx.doi.org/10.1209/0295-5075/99/11002
67	Equilibrium statistical mechanics for self-gravitating systems: local ergodicity and extended Boltzmann-Gibbs/White-Narayan statistics	He, Ping	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2012	419	2	1667-1681	http://dx.doi.org/10.1111/j.1365-2966.2011.19830.x
68	Exact Results for Intrinsic Electronic Transport in Graphene	Hu Shi-Jie; Du Wei; Zhang Gui-Ping; Gao Miao; Lu Zhong-Yi; Wang Xiao-Qun	CHINESE PHYSICS LETTERS	2012	29	5	57201	http://dx.doi.org/10.1088/0256-307X/29/5/057201
69	Exponential Fall-Off Behavior of Regge Scatterings in Compactified Open String Theory	He, Song; Lee, Jen-Chi; Yang, Yi	PROGRESS OF THEORETICAL PHYSICS	2012	128	5	887-901	http://dx.doi.org/10.1143/PTP.128.887
70	Extended Birkhoff's theorem in $f(T)$ gravity	Dong, Han; Wang, Ying-bin; Meng, Xin-he	EUROPEAN PHYSICAL JOURNAL C	2012	72	5	2002	http://dx.doi.org/10.1140/epjc/s10052-012-2002-5
71	$f(R)$ gravity and Maxwell equations from the holographic principle	Miao RongXin; Meng Jun; Li Miao	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2012	55	3	375-380	http://dx.doi.org/10.1007/s11433-012-4642-8
72	F0F1-ATPase STATOR REGULATION STUDIED WITH A RESONANCE MODEL	Shu, Yao-Gen; Ou-Yang, Zhong-Can	BIODEVICES: PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON BIOMEDICAL ELECTRONICS AND DEVICES	2012			132-137	http://dx.doi.org/10.5220/0003753401320137
73	Finite-size behaviour of a critical related observable	Wu Yuanfang; Chen Lizhu; Xue, Pan; Ming, Shao; Chen, Xiaosong	CENTRAL EUROPEAN JOURNAL OF PHYSICS	2012	10	6	1341-1344	http://dx.doi.org/10.2478/s11534-012-0143-7
74	Fluctuation-dissipation relations for steady-state systems	Xing, Jianhua; Mu, Weihua; Ou-Yang, Zhongcan	EPL	2012	100	2	20001	http://dx.doi.org/10.1209/0295-5075/100/20001
75	Fractality of Hofstadter Butterfly in Specific Heat Oscillation	Yang, Li-Ping; Xu, Wen-Hu; Qin, Ming-Pu; Xiang, Tao	JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN	2012	81	4	44605	http://dx.doi.org/10.1143/JPSJ.81.044605
76	Fragmented condensates of singly trapped dipolar Bose gases	Lu HaiYan; Yi Su	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2012	55	9	1535-1540	http://dx.doi.org/10.1007/s11433-012-4862-y
77	Franck-Condon effect in central spin system	Yang, L. P.; Li, Y.; Sun, C. P.	EUROPEAN PHYSICAL JOURNAL D	2012	66	11	300	http://dx.doi.org/10.1140/epjd/e2012-30324-9
78	$G(4)$ -flux, chiral matter and singularity resolution in F-theory compactifications	Krause, Sven; Mayrhofer, Christoph; Weigand, Timo	NUCLEAR PHYSICS B	2012	858	1	1-47	http://dx.doi.org/10.1016/j.nuclphysb.2011.12.013
79	Gauge mediation with heavy doublet superparticles	Shao, Hua	PHYSICAL REVIEW D	2012	85	9	95022	http://dx.doi.org/10.1103/PhysRevD.85.095022
80	GENERALIZED HOLOGRAPHIC DARK ENERGY AND ITS OBSERVATIONAL CONSTRAINTS	Zhang, Zhenhui; Li, Miao; Li, Xiao-Dong; Wang, Shuang; Zhang, Wen-Shuai	MODERN PHYSICS LETTERS A	2012	27	20	1250115	http://dx.doi.org/10.1142/S0217732312501155
81	Generalized Holstein model for spin-dependent electron-transfer reactions	Yang, Li-Ping; Ai, Qing; Sun, C. P.	PHYSICAL REVIEW A	2012	85	3	32707	http://dx.doi.org/10.1103/PhysRevA.85.032707
82	Generation of multiphoton Greenberger-Horne-Zeilinger state and its two kinds of teleportation	Song, Jia-Min; Chang, Di; Huang, Yong-Chang	JOURNAL OF MODERN OPTICS	2012	59	4	365-371	http://dx.doi.org/10.1080/09500340.2011.628130
83	Halos in a Deformed Relativistic Hartree-Bogoliubov Theory in Continuum	Li, Lulu; Meng, Jie; Ring, P.; Zhao, En-Guang; Zhou, Shan-Gui	NUCLEAR STRUCTURE AND DYNAMICS '12	2012	1491		208-213	http://dx.doi.org/10.1063/1.4764240
84	Heaviest bound baryons production at the Large Hadron Collider	Wu, Su-Zhi; Li, You-Wei; Rashidin, Reyima	PHYSICAL REVIEW D	2012	86	11	114504	http://dx.doi.org/10.1103/PhysRevD.86.114504
85	Heavy standard model-like Higgs boson and a light stop from Yukawa-deflected gauge mediation	Kang, Zhaofeng; Li, Tianjun; Liu, Tao; Tong, Chunli; Yang, Jin Min	PHYSICAL REVIEW D	2012	86	9	95020	http://dx.doi.org/10.1103/PhysRevD.86.095020
86	Higgs decay to dark matter in low energy SUSY: is it detectable at the LHC?	Cao, Junjie; Heng, Zhaoxia; Yang, Jin Min; Zhu, Jingya	JOURNAL OF HIGH ENERGY PHYSICS	2012		6	145	http://dx.doi.org/10.1007/JHEP06(2012)145

87	Hints of giant halo in Zr isotopes by resonant RMF plus ACCC plus BCS	Zhang, Shi-Sheng; Xu, Xu-Dong; Peng, Jin-Peng	EUROPEAN PHYSICAL JOURNAL A	2012	48	3	40	http://dx.doi.org/10.1140/epja/i2012-12040-7
88	Holographic charged fluid with anomalous current at finite cutoff surface in Einstein-Maxwell gravity	Bai, Xiaojian; Hu, Ya-Peng; Lee, Bum-Hoon; Zhang, Yun-Long	JOURNAL OF HIGH ENERGY PHYSICS	2012		11	54	http://dx.doi.org/10.1007/JHEP11(2012)054
89	Holographic dark energy characterized by the total comoving horizon and insights into a cosmological constant and the coincidence problem	Huang, Zhuo-Peng; Wu, Yue-Liang	PHYSICAL REVIEW D	2012	85	10	103007	http://dx.doi.org/10.1103/PhysRevD.85.103007
90	HOLOGRAPHIC DARK ENERGY MODEL CHARACTERIZED BY THE CONFORMAL-AGE-LIKE LENGTH	Huang, Zhuo-Peng; Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2012	27	16	UNSP 1250085	http://dx.doi.org/10.1142/S0217751X12500856
91	Holographic entanglement entropy in insulator/superconductor transition	Cai, Rong-Gen; He, Song; Li, Li; Zhang, Yun-Long	JOURNAL OF HIGH ENERGY PHYSICS	2012		7	88	http://dx.doi.org/10.1007/JHEP07(2012)088
92	Holographic entanglement entropy in P-wave superconductor phase transition	Cai, Rong-Gen; He, Song; Li, Li; Zhang, Yun-Long	JOURNAL OF HIGH ENERGY PHYSICS	2012		7	27	http://dx.doi.org/10.1007/JHEP07(2012)027
93	Holographic forced fluid dynamics in non-relativistic limit	Cai, Rong-Gen; Li, Li; Nie, Zhang-Yu; Zhang, Yun-Long	NUCLEAR PHYSICS B	2012	864	2	260-284	http://dx.doi.org/10.1016/j.nuclphysb.2012.06.014
94	Holographic SIS Josephson junction	Wang, Yong-Qiang; Liu, Yu-Xiao; Cai, Rong-Gen; Takeuchi, Shingo; Zhang, Hai-Qing	JOURNAL OF HIGH ENERGY PHYSICS	2012		9	58	http://dx.doi.org/10.1007/JHEP09(2012)058
95	Holographic superconductors with z=2 Lifshitz scaling	Bu, Yanyan	PHYSICAL REVIEW D	2012	86	4	46007	http://dx.doi.org/10.1103/PhysRevD.86.046007
96	Incompressible Navier-Stokes equations from Einstein gravity with Chern-Simons term	Cai, Rong-Gen; Li, Tian-Jun; Qi, Yong-Hui; Zhang, Yun-Long	PHYSICAL REVIEW D	2012	86	8	86008	http://dx.doi.org/10.1103/PhysRevD.86.086008
97	Indirect measurement of quarkonium in the two-photon process	Sang, Wen-Long; Gao, Ying-Jia; Chen, Yu-Qi	PHYSICAL REVIEW D	2012	86	7	74031	http://dx.doi.org/10.1103/PhysRevD.86.074031
98	Influence of σ^* and ϕ Mesons on Hyperon S-1(0) Superfluidity in Neutron Star Matter	Xu Yan; Liu Guang-Zhou; Wang Hong-Yan; Ding Wen-Bo; Zhao En-Guang	CHINESE PHYSICS LETTERS	2012	29	5	59701	http://dx.doi.org/10.1088/0256-307X/29/5/059701
99	Inherent Mach-Zehnder interference with which-way detection for single-particle scattering in one dimension	Zhou, Lan; Chang, Yue; Dong, H.; Kuang, Le-Man; Sun, C. P.	PHYSICAL REVIEW A	2012	85	1	13806	http://dx.doi.org/10.1103/PhysRevA.85.013806
100	Insights from Three Flavors to Three Families Based on Compositeness and Symmetry	Wu, Yue-Liang	PROGRESS OF THEORETICAL PHYSICS	2012		197	48-63	
101	Integrability and solvability of the simplified two-qubit Rabi model	Peng, Jie; Ren, Zhongzhou; Guo, Guangjie; Ju, Guoxing	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2012	45	36	365302	http://dx.doi.org/10.1088/1751-8113/45/36/365302
102	Interacting Theory of Chiral Bosons and Gauge Fields on Noncommutative Extended Minkowski Spacetime	Miao Yan-Gang; Zhao Ying-Jie	COMMUNICATIONS IN THEORETICAL PHYSICS	2012	57	5	855-865	http://dx.doi.org/10.1088/0253-6102/57/5/17
103	Interaction of cosmic background neutrinos with matter of periodic structure	Liao, Wei	PHYSICAL REVIEW D	2012	86	7	73011	http://dx.doi.org/10.1103/PhysRevD.86.073011
104	Intrinsic Electric Fields in Ionic Liquids Determined by Vibrational Stark Effect Spectroscopy and Molecular Dynamics Simulation	Zhang, Shiguo; Shi, Rui; Ma, Xiangyuan; Lu, Lijun; He, Yude; Zhang, Xiaohu; Wang, Yanting; Deng, Youquan	CHEMISTRY-A EUROPEAN JOURNAL	2012	18	38	11904-11908	http://dx.doi.org/10.1002/chem.201201257
105	Introduction of the generalized Lorentz gauge condition into the vector-tensor	Gao, Changjun	PHYSICAL REVIEW D	2012	85	2	23533	http://dx.doi.org/10.1103/PhysRevD.85.023533
106	Investigations on Nuclei near Z=82 in Relativistic Mean Field Theory with	Sheng Zongqiang; Ren Zhongzhou	PLASMA SCIENCE & TECHNOLOGY	2012	14	6	-	http://dx.doi.org/10.1088/1009-0630/14/6/23
107	Isospin breaking and $f(0)(980)$ - $a(0)(980)$ mixing in the $\eta(1405) \rightarrow \pi(0)f(0)(980)$ reaction	Aceti, F.; Liang, W. H.; Oset, E.; Wu, J. J.; Zou, B. S.	PHYSICAL REVIEW D	2012	86	11	114007	http://dx.doi.org/10.1103/PhysRevD.86.114007
108	Isotropic Landau levels of Dirac fermions in high dimensions	Li, Yi; Intriligator, Kenneth; Yu, Yue; Wu, Congjun	PHYSICAL REVIEW B	2012	85	8	85132	http://dx.doi.org/10.1103/PhysRevB.85.085132
109	LHC signatures of two-Higgs-doublets with fourth family	Chen, Ning; He, Hong-Jian	JOURNAL OF HIGH ENERGY PHYSICS	2012		4	62	http://dx.doi.org/10.1007/JHEP04(2012)062
110	Lightest CP-even Higgs boson mass in the testable flipped SU(5) x U(1)(X) models from F theory	Huo, Yunjie; Li, Tianjun; Nanopoulos, Dimitri V.; Tong, Chunli	PHYSICAL REVIEW D	2012	85	11	116002	http://dx.doi.org/10.1103/PhysRevD.85.116002
111	Linearized modes in extended and critical gravities	Chen, Yi-Xin; Lu, H.; Shao, Kai-Nan	CLASSICAL AND QUANTUM GRAVITY	2012	29	8	85017	http://dx.doi.org/10.1088/0264-9381/29/8/085017
112	Macroscopic quantum coherence in spinor condensates confined in an anisotropic potential	Huang, Yixiao; Zhang, Yunbo; Lu, Rong; Wang, Xiaoguang; Yi, Su	PHYSICAL REVIEW A	2012	86	4	43625	http://dx.doi.org/10.1103/PhysRevA.86.043625
113	Magnetic frustration and iron-vacancy ordering in iron chalcogenide	Fang, Chen; Xu, Bao; Dai, Pengcheng; Xiang, Tao; Hu, Jiangping	PHYSICAL REVIEW B	2012	85	13	134406	http://dx.doi.org/10.1103/PhysRevB.85.134406
114	Manipulating dipolar and spin-exchange interactions in spin-1 Bose-Einstein condensates	Ning, Bo-Yuan; Yi, S.; Zhuang, Jun; You, J. Q.; Zhang, Wenxian	PHYSICAL REVIEW A	2012	85	5	53646	http://dx.doi.org/10.1103/PhysRevA.85.053646
115	MAPPING HAWKING TEMPERATURE IN THE SPINNING CONSTANT CURVATURE BLACK HOLE SPACES INTO UNRUH TEMPERATURE	Li, Huaifan; Hu, Bin	MODERN PHYSICS LETTERS A	2012	27	1	-	http://dx.doi.org/10.1142/S0217732312500022
116	Mass of X(3872) in Bethe-Salpeter Equation for Quarks	Chen Xiao-Zhao; Liu Ran-Hui; Shi Ren-Bin; Yin Yu-Qin; Shi Zong-Hua; Yang Ai-Hong; Lu Xiao-Fu	COMMUNICATIONS IN THEORETICAL PHYSICS	2012	57	5	833-840	http://dx.doi.org/10.1088/0253-6102/57/5/14
117	Mass-varying massive gravity	Huang, Qing-Guo; Piao, Yun-Song; Zhou, Shuang-Yong	PHYSICAL REVIEW D	2012	86	12	124014	http://dx.doi.org/10.1103/PhysRevD.86.124014

118	Model anisotropic quantum Hall states	Qiu, R. -Z.; Haldane, F. D. M.; Wan, Xin; Yang, Kun; Yi, Su	PHYSICAL REVIEW B	2012	85	11	115308	http://dx.doi.org/10.1103/PhysRevB.85.115308
119	MODELING TIME-VARYING DARK ENERGY WITH CONSTRAINTS FROM LATEST OBSERVATIONS	Zhang, Qing-Jun; Wu, Yue-Liang	MODERN PHYSICS LETTERS A	2012	27	10	1250030	http://dx.doi.org/10.1142/S0217732312500307
120	Modulated instability in five-dimensional U(1) charged AdS black hole with R-2-term	Takeuchi, Shingo	JOURNAL OF HIGH ENERGY PHYSICS	2012		1	160	http://dx.doi.org/10.1007/JHEP01(2012)160
121	Moduli stabilization and inflationary cosmology with poly-instantons in type IIB orientifolds	Blumenhagen, Ralph; Gao, Xin; Rahn, Thorsten; Shukla, Pramod	JOURNAL OF HIGH ENERGY PHYSICS	2012		11	101	http://dx.doi.org/10.1007/JHEP11(2012)101
122	Molecular Dynamics Study of Anhydrous Lamellar Structures of Synthetic Glycolipids: Effects of Chain Branching and Disaccharide Headgroup	Achari, Vijayan Manickam; Nguan, Hock Seng; Heidelberg, Thorsten; Bryce, Richard A.; Hashim, Rauzah	JOURNAL OF PHYSICAL CHEMISTRY B	2012	116	38	11626-11634	http://dx.doi.org/10.1021/jp302292s
123	Monte Carlo simulations of crystallization in heterogeneous copolymers: The role of copolymer fractions with intermediate comonomer content	Yang, Feng; Gao, Huanhuan; Hu, Wenbing	JOURNAL OF MATERIALS RESEARCH	2012	27	10	1383-1388	http://dx.doi.org/10.1557/jmr.2012.9
124	More on QCD ghost dark energy	Cai, Rong-Gen; Tuo, Zhong-Liang; Wu, Ya-Bo; Zhao, Yue-Yue	PHYSICAL REVIEW D	2012	86	2	23511	http://dx.doi.org/10.1103/PhysRevD.86.023511
125	Multiparticle quantum Szilard engine with optimal cycles assisted by a Maxwell's demon	Cai, C. Y.; Dong, H.; Sun, C. P.	PHYSICAL REVIEW E	2012	85	3	31114	http://dx.doi.org/10.1103/PhysRevE.85.031114
126	Natural predictions for the Higgs boson mass and supersymmetric contributions to rare processes	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICS LETTERS B	2012	708	1-2	93-99	http://dx.doi.org/10.1016/j.physletb.2012.01.023
127	New states of gauge theories on a circle	Azuma, Takehiro; Morita, Takeshi; Takeuchi, Shingo	JOURNAL OF HIGH ENERGY PHYSICS	2012		10	59	http://dx.doi.org/10.1007/JHEP10(2012)059
128	Nonaxial-octupole Y-32 correlations in N=150 isotones from multidimensional constrained covariant density functional theories	Zhao, Jie; Lu, Bing-Nan; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW C	2012	86	5	57304	http://dx.doi.org/10.1103/PhysRevC.86.057304
129	Non-BCS Superconductivity in Cuprates from Attraction of Spin Vortices	Marchetti, P. A.; Ye, F.; Su, Z. B.; Yu, L.	26TH INTERNATIONAL CONFERENCE ON LOW TEMPERATURE PHYSICS (LT26), PTS 1-	2012	400		22066	http://dx.doi.org/10.1088/1742-6596/400/2/022066
130	Non-equilibrium field dynamics of an honest holographic superconductor	Gao, Xin; Kaminski, Matthias; Zeng, Hua-Bi; Zhang, Hai-Qing	JOURNAL OF HIGH ENERGY PHYSICS	2012		11	112	http://dx.doi.org/10.1007/JHEP11(2012)112
131	Non-Gaussian features from the inverse volume corrections in loop quantum cosmology	Li, Li-Fang; Cai, Rong-Gen; Guo, Zong-Kuan; Hu, Bin	PHYSICAL REVIEW D	2012	86	4	44020	http://dx.doi.org/10.1103/PhysRevD.86.044020
132	Nonlocal Imaging by Conditional Averaging of Random Reference Measurements	Luo Kai-Hong; Huang Bo-Qiang; Zheng Wei-Mou; Wu Ling-An	CHINESE PHYSICS LETTERS	2012	29	7	74216	http://dx.doi.org/10.1088/0256-307X/29/7/074216
133	Note on Higgs Decay into Two Photons $H \rightarrow \gamma \gamma$	Huang Da; Tang Yong; Wu Yue-Liang	COMMUNICATIONS IN THEORETICAL	2012	57	3	427-434	http://dx.doi.org/10.1088/0256-6102/57/3/14
134	NOVEL ACCELERATING EINSTEIN VACUA AND SMOOTH INHOMOGENEOUS RIEMANNIAN MANIFOLDS	Meng, Kun; Xu, Wei; Zhao, Liu	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2012	21	5	1250049	http://dx.doi.org/10.1142/S0218271812500496
135	NUCLEON EFFECTIVE MASS IN COLD DENSE MATTER	Wang Qing-Wu; Li Xiao-Ya; Lu Xiao-Fu	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2012	21	2	1250009	http://dx.doi.org/10.1142/S0218301312500097
136	Observation of the Superheavy Nuclide (271)Ds	Zhang Zhi-Yuan; Gan Zai-Guo; Ma Long; Huang Ming-Hui; Huang Tian-Heng; Wu Xiao-Lei; Jia Guo-Bin; Li Guang-Shun; Yu Lin; Ren Zhong-Zhou; Zhou Shan-Gui; Zhang Yu-Hu; Zhou Xiao-Hong; Xu Hu-Shan; Zhang Huan-Qiao; Xiao Guo-Qing; Zhan Wen-Long	CHINESE PHYSICS LETTERS	2012	29	1	12502	http://dx.doi.org/10.1088/0256-307X/29/1/012502
137	Observational constraints on cosmic neutrinos and dark energy revisited	Wang, Xin; Meng, Xiao-Lei; Zhang, Tong-Jie; Shan, HuanYuan; Gong, Yan; Tao, Charling; Chen, Xuelei; Huang, Y. F.	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2012		11	-	http://dx.doi.org/10.1088/1475-7516/2012/11/018
138	Observational constraints on teleparallel dark energy	Geng, Chao-Qiang; Lee, Chung-Chi; Saridakis, Emmanuel N.	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2012		1	2	http://dx.doi.org/10.1088/1475-7516/2012/01/002
139	Octahedral symmetry with geometrical breaking: New prediction for neutrino mixing angle θ_{13} and CP violation	He, Hong-Jian; Xu, Xun-Jie	PHYSICAL REVIEW D	2012	86	11	111301	http://dx.doi.org/10.1103/PhysRevD.86.111301
140	Octonion Quantum Chromodynamics	Chanyal, B. C.; Bisht, P. S.; Li, Tianjun; Negi, O. P. S.	INTERNATIONAL JOURNAL OF THEORETICAL	2012	51	11	3410-3422	http://dx.doi.org/10.1007/s10773-012-1222-7
141	Odd Systems in Deformed Relativistic Hartree Bogoliubov Theory in Continuum	Li Lu-Lu; Meng Jie; Ring, P.; Zhao En-Guang; Zhou Shan-Gui	CHINESE PHYSICS LETTERS	2012	29	4	42101	http://dx.doi.org/10.1088/0256-307X/29/4/042101

142	On asymmetric brane creation	Zhang, Hongsheng; Guo, Zongkuan; Chen, Chi-Yi; Li, Xin-Zhou	JOURNAL OF HIGH ENERGY PHYSICS	2012		1	19	http://dx.doi.org/10.1007/JHEP01(2012)019
143	ON BLACK HOLE STABILITY IN CRITICAL GRAVITIES	Liu, Haishan; Lu, H.; Luo, Mingxing	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2012	21	2	1250020	http://dx.doi.org/10.1142/S0218271812500204
144	On naturalness of the MSSM and NMSSM	Kang, Zhaofeng; Li, Jinmian; Li, Tianjun	JOURNAL OF HIGH ENERGY PHYSICS	2012		11	24	http://dx.doi.org/10.1007/JHEP11(2012)024
145	Order- $v(4)$ relativistic corrections to gamma inclusive decay into a charm pair	Sang, Wen-Long; Chen, Hai-Ting; Chen, Yu-Qi	PHYSICAL REVIEW D	2012	86	11	114004	http://dx.doi.org/10.1103/PhysRevD.86.114004
146	Parallel Tempering Simulation on Generalized Canonical Ensemble	Xu, Shun; Zhou, Xin; Ou-Yang, Zhong-Can	COMMUNICATIONS IN COMPUTATIONAL PHYSICS	2012	12	5	1293-1306	http://dx.doi.org/10.4208/cicp.120811.200112a
147	Penetration depth study of LaOs ₄ Sb ₁₂ : Multiband s-wave superconductivity	Tee, X. Y.; Luo, H. G.; Xiang, T.; Vandervelde, D.; Salamon, M. B.; Sugawara, H.; Sato, H.; Panagopoulos, C.; Chia, Elbert E. M.	PHYSICAL REVIEW B	2012	86	6	64518	http://dx.doi.org/10.1103/PhysRevB.86.064518
148	Photoproduction and conductivity in dense holographic QCD	Bu, Yan Yan	PHYSICAL REVIEW D	2012	86	2	26003	http://dx.doi.org/10.1103/PhysRevD.86.026003
149	Plaquette order and deconfined quantum critical point in the spin-1 bilinear-biquadratic Heisenberg model on the honeycomb lattice	Zhao, H. H.; Xu, Cenke; Chen, Q. N.; Wei, Z. C.; Qin, M. P.; Zhang, G. M.; Xiang, T.	PHYSICAL REVIEW B	2012	85	13	134416	http://dx.doi.org/10.1103/PhysRevB.85.134416
150	Potential energy surfaces of actinide and transfermium nuclei from multi-dimensional constraint covariant density functional theories	Lu, Bing-Nan; Zhao, Jie; Zhao, En-Guang; Zhou, Shan-Gui	NSRT12 - INTERNATIONAL CONFERENCE ON NUCLEAR STRUCTURE AND RELATED TOPICS	2012	38		5003	http://dx.doi.org/10.1051/epjconf/20123805003
151	Potential energy surfaces of actinide nuclei from a multidimensional constrained covariant density functional theory: Barrier heights and saddle point shapes	Lu, Bing-Nan; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW C	2012	85	1	11301	http://dx.doi.org/10.1103/PhysRevC.85.011301
152	Predicted Modulated Differential Rates for Direct WIMP Searches at Low Energy Transfers	Vergados, J. D.	COMMUNICATIONS IN THEORETICAL PHYSICS	2012	57	3	504-514	http://dx.doi.org/10.1088/0253-6102/57/3/28
153	Primordial fluctuations within teleparallelism	Wu, Yi-Peng; Geng, Chao-Qiang	PHYSICAL REVIEW D	2012	86	10	104058	http://dx.doi.org/10.1103/PhysRevD.86.104058
154	Primordial power spectrum versus extension parameters beyond the standard	Guo, Zong-Kuan; Zhang, Yuan-Zhong	PHYSICAL REVIEW D	2012	85	10	103519	http://dx.doi.org/10.1103/PhysRevD.85.103519
155	Principle Fluctuation Modes of the Global Stock Market	Yan Yan; Liu Mao-Xin; Zhu Xiao-Wu; Chen Xiao-Song	CHINESE PHYSICS LETTERS	2012	29	2	28901	http://dx.doi.org/10.1088/0256-307X/29/2/028901
156	Probing natural SUSY from stop pair production at the LHC	Cao, Junjie; Han, Chengcheng; Wu, Lei; Yang, Jin Min; Zhang, Yang	JOURNAL OF HIGH ENERGY PHYSICS	2012		11	39	http://dx.doi.org/10.1007/JHEP11(2012)039
157	Probing the fourth generation Majorana neutrino dark matter	Zhou, Yu-Feng	PHYSICAL REVIEW D	2012	85	5	53005	http://dx.doi.org/10.1103/PhysRevD.85.053005
158	Probing topcolor-assisted technicolor from top charge asymmetry and triple-top production at the LHC	Han, Chengcheng; Liu, Ning; Wu, Lei; Yang, Jin Min	PHYSICS LETTERS B	2012	714	2-5	295-300	http://dx.doi.org/10.1016/j.physletb.2012.07.021
159	Prospects for discovery of supersymmetric No-Scale F-SU(5) at the once and future LHC	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	NUCLEAR PHYSICS B	2012	859	1	96-106	http://dx.doi.org/10.1016/j.nuclphysb.2012.01.024
160	Proximity effect at superconducting Sn-Bi ₂ Se ₃ interface	Yang, Fan; Ding, Yue; Qu, Fanming; Shen, Jie; Chen, Jun; Wei, Zhongchao; Ji, Zhongqing; Liu, Guangtong; Fan, Jie; Yang, Changli; Xiang, Tao; Lu, Li	PHYSICAL REVIEW B	2012	85	10	104508	http://dx.doi.org/10.1103/PhysRevB.85.104508
161	Pseudospin Symmetry in Single Particle Resonant States	Lu, Bing-Nan; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW LETTERS	2012	109	7	72501	http://dx.doi.org/10.1103/PhysRevLett.109.072501
162	p-Wave superconductors in D-brane systems	Bu, Yanyan	NUCLEAR PHYSICS B	2012	864	3	806-822	http://dx.doi.org/10.1016/j.nuclphysb.2012.07.014
163	Quantum backreaction in string theory	Evnin, Oleg	FORTSCHRITTE DER PHYSIK-PROGRESS OF PHYSICS	2012	60	9-10	998-1004	http://dx.doi.org/10.1002/prop.201200034
164	Quantum calculations for photodetachment cross sections of H ⁻ in an inhomogeneous electric field	Wu Xiao-Qing; Du Meng-Li; Zhao Hai-Jun	CHINESE PHYSICS B	2012	21	4	43202	http://dx.doi.org/10.1088/1674-1056/21/4/043202
165	Quantum Gravitational Contributions to Gauge Field Theories	Tang Yong; Wu Yue-Liang	COMMUNICATIONS IN THEORETICAL	2012	57	4	629-636	http://dx.doi.org/10.1088/0253-6102/57/4/19
166	Quantum over-barrier reflection effects manifested in photodetachment cross sections	Yang, B. C.; Du, M. L.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2012	45	17	175003	http://dx.doi.org/10.1088/0953-4075/45/17/175003
167	Quantum statistics of the collective excitations of an atomic ensemble inside a cavity	Huang, Jin-Feng; Ai, Qing; Deng, Yuangang; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW A	2012	85	2	23801	http://dx.doi.org/10.1103/PhysRevA.85.023801
168	Quantum torus chain	Qin, M. P.; Leinaas, J. M.; Ryu, S.; Ardonne, E.; Xiang, T.; Lee, D. -H.	PHYSICAL REVIEW B	2012	86	13	134430	http://dx.doi.org/10.1103/PhysRevB.86.134430
169	QUANTUM TUNNELING AND SPECTROSCOPY OF NONCOMMUTATIVE INSPIRED KERR BLACK HOLE	Miao, Yan-Gang; Xue, Zhao; Zhang, Shao-Jun	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2012	21	2	1250018	http://dx.doi.org/10.1142/S0218271812500186

170	Quark lepton unification in higher dimensions	Li, Tianjun; Murdock, Zeke; Nandi, S.; Rai, Santosh Kumar	PHYSICAL REVIEW D	2012	85	7	76010	http://dx.doi.org/10.1103/PhysRevD.85.076010
171	Quasi-potential landscape in complex multi-stable systems	Zhou, Joseph Xu; Aliyu, M. D. S.; Aurell, Erik; Huang, Sui	JOURNAL OF THE ROYAL SOCIETY INTERFACE	2012	9	77	3539-3553	http://dx.doi.org/10.1098/rsif.2012.0434
172	Quaternion Octonion Reformulation of Grand Unified Theories	Pushpa; Bisht, P. S.; Li, Tianjun; Negi, O. P. S.	INTERNATIONAL JOURNAL OF THEORETICAL	2012	51	10	3228-3235	http://dx.doi.org/10.1007/s10773-012-1204-9
173	Quaternion-Octonion SU(3) Flavor Symmetry	Pushpa; Bisht, P. S.; Li, Tianjun; Negi, O. P. S.	INTERNATIONAL JOURNAL OF THEORETICAL	2012	51	6	1866-1875	http://dx.doi.org/10.1007/s10773-011-1062-x
174	Quaternion-Octonion Unitary Symmetries and Analogous Casimir Operators	Pushpa; Bisht, P. S.; Li, Tianjun; Negi, O. P. S.	INTERNATIONAL JOURNAL OF THEORETICAL	2012	51	12	3741-3756	http://dx.doi.org/10.1007/s10773-012-1258-8
175	Rare B decays in the F-SU(5) model	Li, Tianjun; Nanopoulos, Dimitri V.; Wang, Wenyu; Wang, Xiao-Chuan; Xiong, Zhao-Hua	JOURNAL OF HIGH ENERGY PHYSICS	2012		7	190	http://dx.doi.org/10.1007/JHEP07(2012)190
176	Recent progress in theoretical studies of nuclear magnetic moments	Zhao EnGuang	CHINESE SCIENCE BULLETIN	2012	57	34	4394-4399	http://dx.doi.org/10.1007/s11434-012-5491-6
177	Recursions in Calogero-Sutherland Model Based on Virasoro Singular Vectors	Wu Jian-Feng; Xu Ying-Ying; Yu Ming	COMMUNICATIONS IN THEORETICAL	2012	57	5	743-758	http://dx.doi.org/10.1088/0253-6102/57/5/03
178	Region Graph Partition Function Expansion and Approximate Free Energy Landscapes: Theory and Some Numerical Results	Zhou, Haijun; Wang, Chuang	JOURNAL OF STATISTICAL PHYSICS	2012	148	3	513-547	http://dx.doi.org/10.1007/s10955-012-0555-1
179	Relations of loop partial amplitudes in gauge theory by Unitarity cut method	Feng, Bo; Jia, Yin; Huang, Rijun	NUCLEAR PHYSICS B	2012	854	1	243-275	http://dx.doi.org/10.1016/j.nuclphysb.2011.08.024
180	Relativistic corrections to the semi-inclusive decay of psi and gamma	Chen, Hai-Ting; Chen, Yu-Qi; Sang, Wen-Long	PHYSICAL REVIEW D	2012	85	3	34017	http://dx.doi.org/10.1103/PhysRevD.85.034017
181	Revisit of the interaction between holographic dark energy and dark matter	Zhang, Zhenhui; Li, Song; Li, Xiao-Dong; Zhang, Xin; Li, Miao	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2012		6	9	http://dx.doi.org/10.1088/1475-7516/2012/06/009
182	Rip/singularity free cosmology models with bulk viscosity	Meng, Xin-he; Ma, Zhi-yuan	EUROPEAN PHYSICAL JOURNAL C	2012	72	7	2053	http://dx.doi.org/10.1140/epjc/s10052-012-2053-7
183	Scalar septuplet dark matter and enhanced $h \rightarrow \gamma\gamma$ decay rate	Cai, Yi; Chao, Wei; Yang, Shuo	JOURNAL OF HIGH ENERGY PHYSICS	2012		12	43	http://dx.doi.org/10.1007/JHEP12(2012)043
184	Scale dependence of twist-3 quark-gluon operators for single spin asymmetries	Ma, J. P.; Wang, Q.	PHYSICS LETTERS B	2012	715	1-3	157-163	http://dx.doi.org/10.1016/j.physletb.2012.07.036
185	Searching for a Z' gauge boson in an anomaly-free U(1)' gauge family model	Liu, Jin-Yan; Tang, Yong; Wu, Yue-Liang	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2012	39	5	55003	http://dx.doi.org/10.1088/0954-3899/39/5/055003
186	Second-order solutions of the equilibrium statistical mechanics for self-gravitating systems	He, Ping	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2012	421	3	2088-2093	http://dx.doi.org/10.1111/j.1365-2966.2012.20461.x
187	Sensitive chemical compass assisted by quantum criticality	Cai, C. Y.; Ai, Qing; Quan, H. T.; Sun, C. P.	PHYSICAL REVIEW A	2012	85	2	22315	http://dx.doi.org/10.1103/PhysRevA.85.022315
188	Shape probe of Hg and Pt isotopes by alpha decay	Qian, Yibin; Ren, Zhongzhou	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2012	39	11	115106	http://dx.doi.org/10.1088/0954-3899/39/11/115106
189	Sigma resonances from K- N -> pi Lambda reactions with center-of-mass energies from 1550 to 1676 MeV	Gao, Puze; Shi, Jun; Zou, B. S.	PHYSICAL REVIEW C	2012	86	2	25201	http://dx.doi.org/10.1103/PhysRevC.86.025201
190	Single spin asymmetry in lepton angular distribution of Drell-Yan processes	Ma, J. P.; Zhang, G. P.	JOURNAL OF HIGH ENERGY PHYSICS	2012		11	156	http://dx.doi.org/10.1007/JHEP11(2012)156
191	Single-A hypernuclei in the relativistic mean-field theory with parameter set FSU	Xu, Renli; Wu, Chen; Ren, Zhongzhou	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2012	39	8	85107	http://dx.doi.org/10.1088/0954-3899/39/8/085107
192	Single-photon scattering on a strongly dressed atom	Wang, Z. H.; Li, Yong; Zhou, D. L.; Sun, C. P.; Zhang, Peng	PHYSICAL REVIEW A	2012	86	2	23824	http://dx.doi.org/10.1103/PhysRevA.86.023824
193	Some recent progress in study of gravity and cosmology	Li Miao	CHINESE SCIENCE BULLETIN	2012	57	36	4668-4671	http://dx.doi.org/10.1007/s11434-012-5559-3
194	Spectral function and quark diffusion constant in non-critical holographic QCD	Bu, Yan Yan; Yang, Jin Min	NUCLEAR PHYSICS B	2012	855	2	388-419	http://dx.doi.org/10.1016/j.nuclphysb.2011.10.023
195	Spherical tensor analysis of polar liquid crystals with biaxial and chiral molecules	Iwamoto, Mitsumasa; Zhongcan, Ou-Yang	CHEMICAL PHYSICS LETTERS	2012	551		78-80	http://dx.doi.org/10.1016/j.cplett.2012.09.006
196	Spin 3/2 particle as a dark matter candidate: an effective field theory	Ding, Ran; Liao, Yi	JOURNAL OF HIGH ENERGY PHYSICS	2012		4	54	http://dx.doi.org/10.1007/JHEP04(2012)054
197	Spin-Orbit-Coupled Dipolar Bose-Einstein Condensates	Deng, Y.; Cheng, J.; Jing, H.; Sun, C. -P.; Yi, S.	PHYSICAL REVIEW LETTERS	2012	108	12	125301	http://dx.doi.org/10.1103/PhysRevLett.108.125301
198	Splitting of folded strings in AdS(4) x CP3	Wu, Jun-Bao	EUROPEAN PHYSICAL JOURNAL C	2012	72	8	2109	http://dx.doi.org/10.1140/epjc/s10052-012-2109-8
199	Spontaneous breaking of permutation symmetry in pseudo-Hermitian quantum mechanics	Li, Jun-Qing; Miao, Yan-Gang	PHYSICAL REVIEW A	2012	85	4	42110	http://dx.doi.org/10.1103/PhysRevA.85.042110
200	Spontaneous mirror parity violation, common origin of matter and dark matter, and the LHC signatures	Cui, Jian-Wei; He, Hong-Jian; Lu, Lan-Chun; Yin, Fu-Rong	PHYSICAL REVIEW D	2012	85	9	96003	http://dx.doi.org/10.1103/PhysRevD.85.096003
201	Spontaneous Polygonization of Multiwalled Carbon Nanotubes: Perturbation Analysis	Mu, Weihua; Zhang, Gang; Ou-Yang, Zhongcan	JAPANESE JOURNAL OF APPLIED PHYSICS	2012	51	6	65101	http://dx.doi.org/10.1143/JJAP.51.065101

202	Spontaneous Polygonization of Multiwalled Carbon Nanotubes: Perturbation Analysis (vol 51, 065101, 2012)	Mu, Weihua; Zhang, Gang; Ou-Yang, Zhongcan	JAPANESE JOURNAL OF APPLIED PHYSICS	2012	51	10	109201	http://dx.doi.org/10.1143/JJAP.51.109201
203	State Sampling Dependence of Hopfield Network Inference	Huang Hai-Ping	COMMUNICATIONS IN THEORETICAL	2012	57	1	169-172	http://dx.doi.org/10.1088/0253-6102/57/1/27
204	Status of low energy SUSY models confronted with the LHC 125 GeV Higgs data	Cao, Junjie; Heng, Zhaoxia; Yang, Jin Min; Zhu, Jingya	JOURNAL OF HIGH ENERGY PHYSICS	2012		10	79	http://dx.doi.org/10.1007/JHEP10(2012)079
205	Structures of exotic Sn-131, Sn-133 isotopes and effect on r-process	Zhang, Shi-Sheng; Smith, M. S.; Arbanas, G.; Kozub, R. L.	PHYSICAL REVIEW C	2012	86	3	32802	http://dx.doi.org/10.1103/PhysRevC.86.032802
206	SU(3) gauge family symmetry and prediction for the lepton-flavor mixing and neutrino masses with maximal spontaneous CP violation	Wu, Yue-Liang	PHYSICS LETTERS B	2012	714	2-5	286-294	http://dx.doi.org/10.1016/j.physletb.2012.07.020
207	Supersymmetric extension of the minimal dark matter model	Chang Xue; Liu Chun; Ma Feng-Cai; Yang Shuo	CHINESE PHYSICS C	2012	36	9	810-817	http://dx.doi.org/10.1088/1674-1137/36/9/003
208	Supersymmetrization of Quaternion Dirac Equation for Generalized Fields of Dyons	Rawat, A. S.; Rawat, Seema; Li, Tianjun; Negi, O. P. S.	INTERNATIONAL JOURNAL OF THEORETICAL	2012	51	10	3274-3289	http://dx.doi.org/10.1007/s10773-012-1206-7
209	Symmetry and special relativity in Finsler spacetime with constant curvature	Li, Xin; Chang, Zhe	DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS	2012	30	6	737-748	http://dx.doi.org/10.1016/j.difgeo.2012.07.009
210	Systematic calculation of fine structure in the alpha decay of heavy odd-mass nuclei	Ni, Dongdong; Ren, Zhongzhou	PHYSICAL REVIEW C	2012	86	5	54608	http://dx.doi.org/10.1103/PhysRevC.86.054608
211	Systematic Calculations of alpha-Decay Half-Lives Using Microscopic Deformed Potentials	Ni Dongdong; Ren Zhongzhou	PLASMA SCIENCE & TECHNOLOGY	2012	14	7	588-594	http://dx.doi.org/10.1088/1009-0630/14/7/05
212	Systematic investigation of the rotational bands in nuclei with Z approximate to 100 using a particle-number conserving method based on a cranked shell model	Zhang, Zhen-Hua; He, Xiao-Tao; Zeng, Jin-Yan; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW C	2012	85	1	14324	http://dx.doi.org/10.1103/PhysRevC.85.014324
213	Test of the Stark-effect theory using photoionization microscopy	Zhao, L. B.; Fabrikant, I. I.; Du, M. L.; Bordas, C.	PHYSICAL REVIEW A	2012	86	5	53413	http://dx.doi.org/10.1103/PhysRevA.86.053413
214	Testing modified gravity models with recent cosmological observations	Zhang WenShuai; Cheng Cheng; Huang QingGuo; Li Miao; Li Song; Li XiaoDong; Wang Shuang	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2012	55	12	2244-2258	http://dx.doi.org/10.1007/s11433-012-4945-9
215	Testing new physics models by top charge asymmetry and polarization at the LHC	Cao, Junjie; Hikasa, Kenichi; Wang, Lin; Wu, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2012	85	1	14025	http://dx.doi.org/10.1103/PhysRevD.85.014025
216	TESTING NONSTANDARD COSMOLOGICAL MODELS WITH SNLS3 SUPERNOVA DATA AND OTHER COSMOLOGICAL PROBES	Li, Zhengxiang; Wu, Puxun; Yu, Hongwei	ASTROPHYSICAL JOURNAL	2012	744	2	176	http://dx.doi.org/10.1088/0004-637X/744/2/176
217	Testing No-Scale F-SU(5): A 125 GeV Higgs boson and SUSY at the root s=8 TeV LHC	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICS LETTERS B	2012	718	1	70-74	http://dx.doi.org/10.1016/j.physletb.2012.09.064
218	Testing the anomalous color-electric dipole moment of the c quark from psi' -> J/psi+pi(++) pi(-) at the Beijing	Kuang, Yu-Ping; Ma, Jian-Ping; Nachtmann, Otto; Xie, Wan-Peng; Zheng, Hui-Huo	PHYSICAL REVIEW D	2012	85	11	114010	http://dx.doi.org/10.1103/PhysRevD.85.114010
219	The B-c decays to a P-wave charmonium by the improved Bethe-Salpeter approach	Wang, Zhi-hui; Wang, Guo-Li; Chang, Chao-Hsi	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2012	39	1	15009	http://dx.doi.org/10.1088/0954-3899/39/1/015009
220	The Dark Energy Properties of the Dirac-Born-Infeld Action	Zhang, Xinyou; Zhang, Qing; Huang, Yongchang	ENTROPY	2012	14	7	1203-1220	http://dx.doi.org/10.3390/e14071203
221	The effect of the Wyckoff position of the K atom on the crystal structure and electronic properties of the compound KFe2Se2	Yan, Xun-Wang; Gao, Miao	JOURNAL OF PHYSICS-CONDENSED MATTER	2012	24	45	455702	http://dx.doi.org/10.1088/0953-8984/24/45/455702
222	The Effects of delta Meson on the Neutron Star Cooling	Xu Yan; Liu Guangzhou; Wu Yaorui; Zhu Mingfeng; Yu Zi; Wang Hongyan; Zhao Enguang	PLASMA SCIENCE & TECHNOLOGY	2012	14	5	375-378	http://dx.doi.org/10.1088/1009-0630/14/5/06
223	The energy pump and the origin of the non-equilibrium flux of the dynamical systems and the networks	Xu, Liufang; Shi, Hualin; Feng, Haidong; Wang, Jin	JOURNAL OF CHEMICAL PHYSICS	2012	136	16	165102	http://dx.doi.org/10.1063/1.3703514
224	The equation of motion for the trajectory of a circling particle with an overdamped circle center	Si, Tiejian	PHYSICA A-STATISTICAL MECHANICS AND ITS	2012	391	11	3054-3060	http://dx.doi.org/10.1016/j.physa.2012.01.035
225	THE F-LANDSCAPE: DYNAMICALLY DETERMINING THE MULTIVERSE	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2012	27	22	1250121	http://dx.doi.org/10.1142/S0217751X12501217
226	The minimal solution to the mu/B-mu problem in gauge mediation	Kang, Zhaofeng; Li, Tianjun; Liu, Tao; Yang, Jin Min	JOURNAL OF HIGH ENERGY PHYSICS	2012		4	16	http://dx.doi.org/10.1007/JHEP04(2012)016
227	The neck linker of kinesin 1 seems optimally designed to approach the largest stepping velocity: a simulation study of an	Shu, Yao-Gen; Zhang, Xiao-Hu; Ou-Yang, Zhong-Can; Li, Ming	JOURNAL OF PHYSICS-CONDENSED MATTER	2012	24	3	35105	http://dx.doi.org/10.1088/0953-8984/24/3/035105
228	THE PHOTON-LIKE FLYING QUBIT IN THE COUPLED CAVITY ARRAY	Huo, Ming-Xia; Li, Ying; Song, Zhi; Sun, Chang-Pu	INTERNATIONAL JOURNAL OF QUANTUM	2012	10	2	1250002	http://dx.doi.org/10.1142/S0219749912500025
229	The race for supersymmetric dark matter at XENON100 and the LHC: stringy correlations from no-scale F-SU(5)	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	JOURNAL OF HIGH ENERGY PHYSICS	2012		12	17	http://dx.doi.org/10.1007/JHEP12(2012)017
230	THE SUPERLUMINAL NEUTRINOS FROM DEFORMED LORENTZ INVARIANCE	Huo, Yunjie; Li, Tianjun; Liao, Yi; Nanopoulos, Dimitri V.; Qi, Yonghui; Wang, Fei	MODERN PHYSICS LETTERS A	2012	27	33	1250196	http://dx.doi.org/10.1142/S0217732312501969

231	The transition from quantum Zeno to anti-Zeno effects for a qubit in a cavity by varying the cavity frequency	Cao, Xiufeng; Ai, Qing; Sun, Chang-Pu; Nori, Franco	PHYSICS LETTERS A	2012	376	4	349-357	http://dx.doi.org/10.1016/j.physleta.2011.11.045
232	Theoretical study of the synthesis of superheavy nuclei with $Z=119$ and 120 in heavy-ion reactions with trans-uranium targets	Wang, Nan; Zhao, En-Guang; Scheid, Werner; Zhou, Shan-Gui	PHYSICAL REVIEW C	2012	85	4	41601	http://dx.doi.org/10.1103/PhysRevC.85.041601
233	Thermal mass spectra of vector and axial-vector mesons in predictive soft-wall AdS/QCD model	Cui, Ling-Xiao; Takeuchi, Shingo; Wu, Yue-Liang	JOURNAL OF HIGH ENERGY PHYSICS	2012		4	144	http://dx.doi.org/10.1007/JHEP04(2012)144
234	Thermodynamic laws for generalized $f(R)$ gravity with curvature-matter coupling	Wu, Ya-Bo; Zhao, Yue-Yue; Cai, Rong-Gen; Lu, Jian-Bo; Lu, Jun-Wang; Gao, Xiao-Jing	PHYSICS LETTERS B	2012	717	4-5	323-329	http://dx.doi.org/10.1016/j.physletb.2012.10.008
235	Timelike vector field dynamics in the early universe	Koh, Seoktae; Hu, Bin	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	2012	60	11	1983-1992	http://dx.doi.org/10.3938/jkps.60.1983
236	To understand earthquake from the granular physics point of view-causes of earthquakes, earthquake precursors and prediction	Lu Kun-Quan; Hou Mei-Ying; Jiang Ze-Hui; Wang Qiang; Sun Gang; Liu Ji Xing	ACTA PHYSICA SINICA	2012	61	11	119103	http://dx.doi.org/10.7498/aps.61.119103
237	Top quark forward-backward asymmetry and charge asymmetry in the left-right twin Higgs model	Wang, Lei; Wu, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2012	85	7	75017	http://dx.doi.org/10.1103/PhysRevD.85.075017
238	Transport in three-dimensional topological insulators: Theory and experiment	Culcer, Dimitrie	PHYSICA E-LOW-DIMENSIONAL SYSTEMS &	2012	44	5	860-884	http://dx.doi.org/10.1016/j.physe.2011.11.003
239	Tunable Coulomb Blockade and Giant Coulomb Blockade Magnetoresistance in a Double Quantum Dot System	Zhang, X. -G.; Xiang, T.	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2012	112	1	28-32	http://dx.doi.org/10.1002/qua.23196
240	Tunneling transport through superconducting wires with Majorana bound states	Wu, B. H.; Cao, J. C.	PHYSICAL REVIEW B	2012	85	8	85415	http://dx.doi.org/10.1103/PhysRevB.85.085415
241	Two Higgs bidoublet model with spontaneous P and CP violation and decoupling limit to the two Higgs doublet	Liu, Jin-Yan; Wang, Li-Ming; Wu, Yue-Liang; Zhou, Yu-Feng	PHYSICAL REVIEW D	2012	86	1	15007	http://dx.doi.org/10.1103/PhysRevD.86.015007
242	Type 1 2HDM as Effective Theory of Supersymmetry	Shao Hua	COMMUNICATIONS IN THEORETICAL	2012	58	3	405-409	http://dx.doi.org/10.1088/0253-6102/58/3/14
243	Ultrarelativistic quantum molecular dynamics calculations of two-pion Hanbury-Brown-Twiss correlations in central Pb-Pb collisions at root s(NN)=2.76 TeV	Li, Qingfeng; Graef, G.; Bleicher, Marcus	PHYSICAL REVIEW C	2012	85	3	34908	http://dx.doi.org/10.1103/PhysRevC.85.034908
244	Understanding for flavor physics in the lepton sector	Zhao, Zhen-hua	PHYSICAL REVIEW D	2012	86	9	96010	http://dx.doi.org/10.1103/PhysRevD.86.096010
245	Unfavored alpha decay from ground state to ground state in the range $53 \leq Z \leq 91$	Qian, Yibin; Ren, Zhongzhou	PHYSICAL REVIEW C	2012	85	2	27306	http://dx.doi.org/10.1103/PhysRevC.85.027306
246	Unification of dynamical determination and bare minimal phenomenological constraints in no-scale F - SU(5)	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICAL REVIEW D	2012	85	5	56007	http://dx.doi.org/10.1103/PhysRevD.85.056007
247	Unified description of alpha-decay and cluster radioactivity in the trans-tin region	Qian, Yibin; Ren, Zhongzhou	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2012	39	1	15103	http://dx.doi.org/10.1088/0954-3899/39/1/015103
248	Unity of elementary particles and forces for the third family	Chakdar, Shreyashi; Li, Tianjun; Nandi, S.; Rai, Santosh Kumar	PHYSICS LETTERS B	2012	718	1	121-124	http://dx.doi.org/10.1016/j.physletb.2012.10.021
249	Validity of Factorization of the High-Energy Photoelectron Yield in Above-Threshold Ionization of an Atom by a Short Laser Pulse	Frolov, M. V.; Knyazeva, D. V.; Manakov, N. L.; Popov, A. M.; Tikhonova, O. V.; Volkova, E. A.; Xu, Ming-Hui; Peng, Liang-You; Pi, Liang-Wen; Starace, Anthony F.	PHYSICAL REVIEW LETTERS	2012	108	21	213002	http://dx.doi.org/10.1103/PhysRevLett.108.213002
250	Zero Energy Anomaly in One-Dimensional Anderson Lattice with Exponentially Correlated Weak Diagonal Disorder	Wang Zong-Guo; Qin Shao-Jing; Kang Kai; Wang Chui-Lin	COMMUNICATIONS IN THEORETICAL PHYSICS	2012	58	2	280-284	http://dx.doi.org/10.1088/0253-6102/58/2/19