

SCI Papers of ITP in 2011

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	(WH \rightarrow H \rightarrow H) associated production at the LHC in the general two-Higgs-doublet model with spontaneous CP violation	Bao, Shou-Shan; Tang, Yong; Wu, Yue-Liang	PHYSICAL REVIEW D	2011	83	7	75006	http://dx.doi.org/10.1103/PhysRevD.83.075006
2	A HOLOGRAPHIC MODEL OF STRANGE METALS	Lee, Bum-Hoon; Pang, Da-Wei; Park, Chanyong	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2011	26	14	2279-2305	http://dx.doi.org/10.1142/S0217751X11053481
3	A message-passing approach to random constraint satisfaction problems with growing domains	Zhao, Chunyan; Zhou, Haijun; Zheng, Zhiming; Xu, Ke	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2011			P02019	http://dx.doi.org/10.1088/1742-5468/2011/02/P02019
4	A new entropic force scenario and holographic thermodynamics	Gu Wei; Li Miao; Miao RongXin	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2011	54	11	1915-1924	http://dx.doi.org/10.1007/s11433-011-4507-6
5	A non-BCS mechanism for superconductivity in underdoped cuprates via attraction between spin vortices	Marchetti, P. A.; Ye, F.; Su, Z. B.; Yu, L.	EPL	2011	93	5	57008	http://dx.doi.org/10.1209/0295-5075/93/57008
6	A Possible Macroscopic-Photo-Catalysis Mechanism in Solar Furnace	Ho Tsohsui; Qing Cheng-Rui; Chen Ying-Tian	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	55	5	917-920	http://dx.doi.org/10.1088/0253-6102/55/5/33
7	A proof of the explicit minimal-basis expansion of tree amplitudes in gauge field theory	Chen, Yi-Xin; Du, Yi-Jian; Feng, Bo	JOURNAL OF HIGH ENERGY PHYSICS	2011		2	112	http://dx.doi.org/10.1007/JHEP02(2011)112
8	A Rotating Bose-Einstein Condensation in a Toroidal Trap	Wen Yu-Chuan; Zhang Peng-Ming; Yang Shi-Jie	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	56	6	1031-1034	http://dx.doi.org/10.1088/0253-6102/56/6/10
9	A statistical-mechanical explanation of dark matter halo properties	Kang, D. -B.; He, P.	ASTRONOMY & ASTROPHYSICS	2011	526		A147	http://dx.doi.org/10.1051/0004-6361/201015057
10	A systematic study of the fission and evaporation residue excitation functions in complete fusion reactions with weakly bound stable nuclei	Zhang, Jinjuan; Wang, Chengbin; Ren, Zhongzhou	NUCLEAR PHYSICS A	2011	864	1	128-139	http://dx.doi.org/10.1016/j.nuclphysa.2011.06.029
11	Abelian and non-Abelian anyons in integer quantum anomalous Hall effect and topological phase transitions via superconducting proximity effect	Liu, Xuele; Wang, Ziqiang; Xie, X. C.; Yu, Yue	PHYSICAL REVIEW B	2011	83	12	125105	http://dx.doi.org/10.1103/PhysRevB.83.125105
12	Adiabaticity and emergence of classical space-time in time-dependent matrix theories	Craps, Ben; Evnin, Oleg	JOURNAL OF HIGH ENERGY PHYSICS	2011		1	130	http://dx.doi.org/10.1007/JHEP01(2011)130
13	alpha-cluster structure above doubly closed shells in a generalized density-dependent cluster model	Ni, Dongdong; Ren, Zhongzhou	PHYSICAL REVIEW C	2011	83	1	14310	http://dx.doi.org/10.1103/PhysRevC.83.014310
14	alpha-decay half-lives in medium mass nuclei	Qian, Yibin; Ren, Zhongzhou; Ni, Dongdong	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2011	38	1	15102	http://dx.doi.org/10.1088/0954-3899/38/1/015102
15	alpha-Decay near the shell closure from ground and isomeric states	Qian, Yibin; Ren, Zhongzhou; Ni, Dongdong	NUCLEAR PHYSICS A	2011	866	1	1-15	http://dx.doi.org/10.1016/j.nuclphysa.2011.07.002
16	An Anyon Model in a Toric Honeycomb Lattice	Liang Long; Yu Yue	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	55	1	80-84	http://dx.doi.org/10.1088/0253-6102/55/1/16
17	An Integrated Gene Regulatory Network Inference Pipeline	Wang Yong; Horimoto, Katsuhisa; Chen Luonan	2011 30TH CHINESE CONTROL CONFERENCE (CCC)	2011			6593-6598	
18	Analog of the electromagnetically-induced-transparency effect for two nanomechanical or micromechanical resonators coupled to a spin ensemble	Chang, Yue; Sun, C. P.	PHYSICAL REVIEW A	2011	83	5	53834	http://dx.doi.org/10.1103/PhysRevA.83.053834
19	Analytical computation of critical exponents in several holographic superconductors	Zeng, Hua-Bi; Gao, Xin; Jiang, Yu; Zong, Hong-Shi	JOURNAL OF HIGH ENERGY PHYSICS	2011		5	2	http://dx.doi.org/10.1007/JHEP05(2011)002
20	Analytical studies on holographic insulator/superconductor phase transitions	Cai, Rong-Gen; Li, Huai-Fan; Zhang, Hai-Qing	PHYSICAL REVIEW D	2011	83	12	126007	http://dx.doi.org/10.1103/PhysRevD.83.126007
21	Analytical studies on holographic superconductors in Gauss-Bonnet gravity	Li, Huai-Fan; Cai, Rong-Gen; Zhang, Hai-Qing	JOURNAL OF HIGH ENERGY PHYSICS	2011		4	28	http://dx.doi.org/10.1007/JHEP04(2011)028
22	Approaching the ground states of the random maximum two-satisfiability problem by a greedy single-spin flipping process	Ma, Hui; Zhou, Haijun	PHYSICAL REVIEW E	2011	83	5	52101	http://dx.doi.org/10.1103/PhysRevE.83.052101
23	Art of spin decomposition	Chen, Xiang-Song; Sun, Wei-Min; Wang, Fan; Goldman, T.	PHYSICAL REVIEW D	2011	83	7	71901	http://dx.doi.org/10.1103/PhysRevD.83.071901
24	Asymptotic structure near event horizon and Cardy-Verlinde formula for general asymptotically flat stationary black hole	Jing, Jiliang	PHYSICS LETTERS B	2011	705	4	287-291	http://dx.doi.org/10.1016/j.physletb.2011.10.040
25	BCJ relation of color scalar theory and KLT relation of gauge theory	Du, Yi-Jian; Feng, Bo; Fu, Chih-Hao	JOURNAL OF HIGH ENERGY PHYSICS	2011		8	129	http://dx.doi.org/10.1007/JHEP08(2011)129
26	Behavior of one-quasiparticle levels in odd isotonic chains of heavy nuclei	Adamian, G. G.; Antonenko, N. V.; Kuklin, S. N.; Lu, B. N.; Malov, L. A.; Zhou, S. G.	PHYSICAL REVIEW C	2011	84	2	24324	http://dx.doi.org/10.1103/PhysRevC.84.024324
27	Birkhoff's theorem in f(T) gravity	Meng, Xin-He; Wang, Ying-Bin	EUROPEAN PHYSICAL JOURNAL C	2011	71	9	1755	http://dx.doi.org/10.1140/epjc/s10052-011-1755-6
28	Blueprints of the no-scale multiverse at the LHC	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICAL REVIEW D	2011	84	5	56016	http://dx.doi.org/10.1103/PhysRevD.84.056016
29	Boundary contributions using fermion pair deformation	Feng, Bo; Zhang, Zhibai	JOURNAL OF HIGH ENERGY PHYSICS	2011		12	57	http://dx.doi.org/10.1007/JHEP12(2011)057
30	Brief note on Ashtekar-Magnon-Das conserved quantities in quadratic curvature theories	Pang, Yi	PHYSICAL REVIEW D	2011	83	8	87501	http://dx.doi.org/10.1103/PhysRevD.83.087501
31	Calculations of alpha-decay half-lives for heavy and superheavy nuclei	Qian, Yibin; Ren, Zhongzhou; Ni, Dongdong	PHYSICAL REVIEW C	2011	83	4	44317	http://dx.doi.org/10.1103/PhysRevC.83.044317
32	Can relic superhorizon inhomogeneities be responsible for large-scale CMB anomalies?	Gao, Xian	PHYSICS LETTERS B	2011	702	1	12-15	http://dx.doi.org/10.1016/j.physletb.2011.06.066
33	Canonical gauge coupling unification in the standard model with high-scale supersymmetry breaking	Huo, Yun-Jie; Li, Tianjun; Nanopoulos, Dimitri V.	JOURNAL OF HIGH ENERGY PHYSICS	2011		9	3	http://dx.doi.org/10.1007/JHEP09(2011)003
34	Chain formation in a monolayer of dipolar hard spheres under an external field	Luo Liang; Chen XiaoSong	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2011	54	9	1555-1560	http://dx.doi.org/10.1007/s11433-011-4428-4

35	Charged bilayer membranes in asymmetric ionic solutions: Phase diagrams and critical behavior	Shimokawa, Naofumi; Komura, Shigeyuki; Andelman, David	PHYSICAL REVIEW E	2011	84	3	31919	http://dx.doi.org/10.1103/PhysRevE.84.031919
36	Charmless B → PP, PV, VV decays based on the six-quark effective Hamiltonian with strong phase effects. I	Su, Fang; Wu, Yue-Liang; Yang, Yi-Bo; Zhuang, Ci	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2011	38	1	15006	http://dx.doi.org/10.1088/0954-3899/38/1/015006
37	Charmonium production in e(+) e(-) collision	Gong, Bin; He, Zhi-Guo; Li, Rong; Wang, Jian-Xiong	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS	2011	214		159-164	http://dx.doi.org/10.1016/j.nuclphysbps.2011.03.077
38	Chiral Magnetic Effect and Chiral Phase Transition	Fu Wei-Jie; Liu Yu-Xin; Wu Yue-Liang	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	55	1	123-127	http://dx.doi.org/10.1088/0253-6102/55/1/23
39	CHIRAL MAGNETIC EFFECT AND QCD PHASE TRANSITIONS WITH EFFECTIVE MODELS	Fu, Wei-Jie; Liu, Yu-Xin; Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2011	26	25	4335-4365	http://dx.doi.org/10.1142/S0217751X11054541
40	Circular Rydberg States of Atomic Hydrogen in an Arbitrary Magnetic Field	Zhao Li-Bo; Saha, B. C.; Du Meng-Li	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	56	3	481-486	http://dx.doi.org/10.1088/0253-6102/56/3/16
41	Combined local search strategy for learning in networks of binary synapses	Huang, Haiping; Zhou, Haijun	EPL	2011	96	5	58003	http://dx.doi.org/10.1209/0295-5075/96/58003
42	Common origin of pi-tau and CP breaking in the neutrino seesaw, baryon asymmetry, and hidden flavor symmetry	He, Hong-Jian; Yin, Fu-Rong	PHYSICAL REVIEW D	2011	84	3	33009	http://dx.doi.org/10.1103/PhysRevD.84.033009
43	Comparison between microscopic and phenomenological nuclear pairing calculations	Zhang ShiSheng; Lombardo, Umberto; Zhao EnGuang	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2011	54	2	236-239	http://dx.doi.org/10.1007/s11433-010-4211-y
44	Conformal gravity and extensions of critical gravity	Lue, H.; Pang, Yi; Pope, C. N.	PHYSICAL REVIEW D	2011	84	6	64001	http://dx.doi.org/10.1103/PhysRevD.84.064001
45	Continuous quantum phase transition between two topologically distinct valence bond solid states associated with the same spin value	Zheng, Dong; Zhang, Guang-Ming; Xiang, Tao; Lee, Dung-Hai	PHYSICAL REVIEW B	2011	83	1	14409	http://dx.doi.org/10.1103/PhysRevB.83.014409
46	Cosmological models with Lagrange multiplier field	Gao, Changjun; Gong, Yan; Wang, Xin; Chen, Xuelei	PHYSICS LETTERS B	2011	702	2-3	107-113	http://dx.doi.org/10.1016/j.physletb.2011.06.085
47	Could Z(b)(10610) be a B*B molecular state?	Zhang, Jian-Rong; Zhong, Ming; Huang, Ming-Qiu	PHYSICS LETTERS B	2011	704	4	312-315	http://dx.doi.org/10.1016/j.physletb.2011.09.039
48	Critical behavior of two-dimensional magnetic lattice gas model	Li, L. S.; Chen, W.; Dong, W.; Chen, X. S.	EUROPEAN PHYSICAL JOURNAL B	2011	80	2	189-193	http://dx.doi.org/10.1140/epjbe/2011-10948-9
49	Dark Energy	Li Miao; Li Xiao-Dong; Wang Shuang; Wang Yi	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	56	3	525-604	http://dx.doi.org/10.1088/0253-6102/56/3/24
50	DARK MATTER CANDIDATES IN LEFT-RIGHT SYMMETRIC MODELS	Guo, Wan-Lei; Wu, Yue-Liang; Zhou, Yu-Feng	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2011	20	8	1389-1397	http://dx.doi.org/10.1142/S0218271811019578
51	Dark matter, proton decay and other phenomenological constraints in F-SU(5)	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	NUCLEAR PHYSICS B	2011	848	2	314-331	http://dx.doi.org/10.1016/j.nuclphysb.2011.02.021
52	DBI potential, DBI inflation action and general Lagrangian relative to phantom, K-essence and quintessence	Zhang, Qing; Huang, Yong-Chang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		11	50	http://dx.doi.org/10.1088/1475-7516/2011/11/050
53	Debye Entropic Force and Modified Newtonian Dynamics	Li Xin; Chang Zhe	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	55	4	733-736	http://dx.doi.org/10.1088/0253-6102/55/4/41
54	Decaying dark matter in the supersymmetric standard model with freeze-in and seesaw mechanisms	Kang, Zhaofeng; Li, Tianjun	JOURNAL OF HIGH ENERGY PHYSICS	2011		2	35	http://dx.doi.org/10.1007/JHEP02(2011)035
55	Deep connection between f(R) gravity and the interacting dark sector model	He, Jian-Hua; Wang, Bin; Abdalla, Elcio	PHYSICAL REVIEW D	2011	84	12	123526	http://dx.doi.org/10.1103/PhysRevD.84.123526
56	Degrees of freedom of f(T) gravity	Li, Miao; Miao, Rong-Xin; Miao, Yan-Gang	JOURNAL OF HIGH ENERGY PHYSICS	2011		7	108	http://dx.doi.org/10.1007/JHEP07(2011)108
57	Detecting the cosmic acceleration with current data	Cai, Rong-Gen; Tuo, Zhong-Liang	PHYSICS LETTERS B	2011	706	2-3	116-122	http://dx.doi.org/10.1016/j.physletb.2011.11.021
58	Di-photon Higgs signal at the LHC: A comparative study in different supersymmetric models	Cao, Junjie; Heng, Zhaoxia; Liu, Tao; Yang, Jin Min	PHYSICS LETTERS B	2011	703	4	462-468	http://dx.doi.org/10.1016/j.physletb.2011.08.024
59	Direct Urca Processes with Hyperons in Cooling Neutron Stars	Xu Yan; Liu Guang-Zhou; Wu Yao-Rui; Zhu Ming-Feng; Yu Zi; Wang Hong-Yan; Zhao En-Guang	CHINESE PHYSICS LETTERS	2011	28	7	79701	http://dx.doi.org/10.1088/0256-307X/28/7/079701
60	Dispersive-coupling-based quantum Zeno effect in a cavity-QED system	Xu, D. Z.; Ai, Qing; Sun, C. P.	PHYSICAL REVIEW A	2011	83	2	22107	http://dx.doi.org/10.1103/PhysRevA.83.022107
61	Dynamical properties of a trapped dipolar Fermi gas at finite temperature	Zhang, J. -N.; Qiu, R. -Z.; He, L.; Yi, S.	PHYSICAL REVIEW A	2011	83	5	53628	http://dx.doi.org/10.1103/PhysRevA.83.053628
62	Dynamics of gravity as thermodynamics on the spherical holographic screen	Tian, Yu; Wu, Xiao-Ning	PHYSICAL REVIEW D	2011	83	2	21501	http://dx.doi.org/10.1103/PhysRevD.83.021501
63	Effective range expansion in various scenarios of EFT(pi)	Yang, Ji-Feng	EPL	2011	94	4	41002	http://dx.doi.org/10.1209/0295-5075/94/41002
64	Electric current focusing efficiency in a graphene electric lens	Mu, Weihua; Zhang, Gang; Tang, Yunqing; Wang, Wei; Ou-Yang, Zhongcan	JOURNAL OF PHYSICS-CONDENSED MATTER	2011	23	49	495302	http://dx.doi.org/10.1088/0953-8984/23/49/495302
65	Electronic and magnetic structures of the ternary iron selenides AFe(2)Se(2) (A = Cs, Rb, K, or Tl)	Yan, Xun-Wang; Gao, Miao; Lu, Zhong-Yi; Xiang, Tao	PHYSICAL REVIEW B	2011	84	5	54502	http://dx.doi.org/10.1103/PhysRevB.84.054502
66	Electronic Structures and Magnetic Order of Ordered-Fe-Vacancy Ternary Iron Selenides TlFe1.5Se2 and AFe(1.5)Se(2) (A = K, Rb, or Cs)	Yan, Xun-Wang; Gao, Miao; Lu, Zhong-Yi; Xiang, Tao	PHYSICAL REVIEW LETTERS	2011	106	8	87005	http://dx.doi.org/10.1103/PhysRevLett.106.087005
67	Electroweak baryogenesis, CDM and anomaly-free supersymmetric U(1)' models	Kang, Junhai; Langacker, Paul; Li, Tianjun; Liu, Tao	JOURNAL OF HIGH ENERGY PHYSICS	2011		4	97	http://dx.doi.org/10.1007/JHEP04(2011)097
68	Elements of F-ast proton decay	Li, Tianjun; Nanopoulos, Dimitri V.; Walker, Joel W.	NUCLEAR PHYSICS B	2011	846	1	43-99	http://dx.doi.org/10.1016/j.nuclphysb.2010.12.014
69	Enhancement of dark matter relic density from late time dark matter conversions	Liu, Ze-Peng; Wu, Yue-Liang; Zhou, Yu-Feng	EUROPEAN PHYSICAL JOURNAL C	2011	71	10	1749	http://dx.doi.org/10.1140/epjcs/10052-011-1749-4
70	Equations of Motion for the System of Interest under Time-Dependent Environment	Sakata, Fumihiko; Yan, Shiwei; Zhao, En-Guang; Zhuo, Yizhong; Zhou, Shan-Gui	PROGRESS OF THEORETICAL PHYSICS	2011	125	2	359-374	http://dx.doi.org/10.1143/PTP.125.359

71	Escape of quantum particles from an open cavity	Zhao, H. J.; Du, M. L.	PHYSICAL REVIEW E	2011	84	1	16217	http://dx.doi.org/10.1103/PhysRevE.84.016217
72	Explicit derivation of the QED trace anomaly in symmetry-preserving loop regularization at one-loop level	Cui, Jian-Wei; Ma, Yong-Liang; Wu, Yue-Liang	PHYSICAL REVIEW D	2011	84	2	25020	http://dx.doi.org/10.1103/PhysRevD.84.025020
73	Exploring the latest Union2 type Ia supernovae dataset by using model-independent parametrization methods	Wang, Shuang; Li, Xiao-Dong; Li, Miao	PHYSICAL REVIEW D	2011	83	2	23010	http://dx.doi.org/10.1103/PhysRevD.83.023010
74	Extended black holes in strong gravitational waves	Cao, Li-Ming; Evnin, Oleg; Ohta, Nobuyoshi	JOURNAL OF HIGH ENERGY PHYSICS	2011		4	105	http://dx.doi.org/10.1007/JHEP04(2011)105
75	Figure of merit and different combinations of observational data sets	Su, Qiping; Tuo, Zhong-Liang; Cai, Rong-Gen	PHYSICAL REVIEW D	2011	84	10	103519	http://dx.doi.org/10.1103/PhysRevD.84.103519
76	First and second quantization theories of open p-brane and their spectra	Yu, Cheng-Xin; Huang, Changyu; Zhang, Peng; Huang, Yong-Chang	PHYSICS LETTERS B	2011	697	4	378-384	http://dx.doi.org/10.1016/j.physletb.2011.02.003
77	Fluid-like entropy and equilibrium statistical mechanics of self-gravitating systems	Kang, Dong-Biao; He, Ping	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2011	416	1	32-37	http://dx.doi.org/10.1111/j.1365-2966.2011.18920.x
78	From Chemical Langevin Equations to Fokker-Planck Equation: Application of Hodge Decomposition and Klein-Kramers Equation	Mu Wei-Hua; Ou-Yang Zhong-Can; Li Xiao-Qing	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	55	4	602-604	http://dx.doi.org/10.1088/0253-6102/55/4/15
79	F-theory grand unification at the colliders	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.	PHYSICS LETTERS B	2011	701	3	321-326	http://dx.doi.org/10.1016/j.physletb.2011.05.064
80	Gauge fields and interferometry in folded graphene	Rainis, Diego; Taddei, Fabio; Polini, Marco; Leon, Gladys; Guinea, Francisco; Fal'ko, Vladimir I.	PHYSICAL REVIEW B	2011	83	16	165403	http://dx.doi.org/10.1103/PhysRevB.83.165403
81	Gauge-invariant dynamical quantities of QED with decomposed gauge potentials	Zhou, Bao-Hua; Huang, Yong-Chang	PHYSICAL REVIEW A	2011	84	3	32505	http://dx.doi.org/10.1103/PhysRevA.84.032505
82	Gauge-invariant quantum gravity corrections to Callan-Symanzik beta functions via the Vilkovisky-DeWitt method and gravity-assisted gauge unification	He, Hong-Jian; Wang, Xu-Feng; Xianyu, Zhong-Zhi	PHYSICAL REVIEW D	2011	83	12	125014	http://dx.doi.org/10.1103/PhysRevD.83.125014
83	General gauge and anomaly mediated supersymmetry breaking in grand unified theories with vector-like particles	Li, Tianjun; Nanopoulos, Dimitri V.	JOURNAL OF HIGH ENERGY PHYSICS	2011		10	90	http://dx.doi.org/10.1007/JHEP10(2011)090
84	Golden point of no-scale and no-parameter F-SU(5)	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICAL REVIEW D	2011	83	5	56015	http://dx.doi.org/10.1103/PhysRevD.83.056015
85	Gravitational contributions to gauge Green's functions and asymptotic free power-law running of gauge coupling	Tang, Yong; Wu, Yue-Liang	JOURNAL OF HIGH ENERGY PHYSICS	2011		11	73	http://dx.doi.org/10.1007/JHEP11(2011)073
86	Growth factor in f(T) gravity	Zheng, Rui; Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		3	2	http://dx.doi.org/10.1088/1475-7516/2011/03/002
87	Half-lives and fine structure for the alpha decay of deformed even-even nuclei	Ni DongDong; Ren ZhongZhou	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2011	54		S24-S31	http://dx.doi.org/10.1007/s11433-011-4435-5
88	Hawking radiation from the cosmological horizon in a FRW universe	Hu, Ya-Peng	PHYSICS LETTERS B	2011	701	2	269-274	http://dx.doi.org/10.1016/j.physletb.2011.05.054
89	Hawking temperature of constant curvature black holes	Cai, Rong-Gen; Myung, Yun Soo	PHYSICAL REVIEW D	2011	83	10	107502	http://dx.doi.org/10.1103/PhysRevD.83.107502
90	Heavy quark expansion in 1/(m)over-capQ and vertical bar V-cb vertical bar extraction	Wang, Wen-Yu; Wu, Yue-Liang; Ye, Fang	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2011	38	4	45004	http://dx.doi.org/10.1088/0954-3899/38/4/045004
91	Heavy-to-light currents at NNLO in SCET and semi-inclusive (B)over-bar -> X(s)l(+)l(-) decay	Bell, G.; Beneke, M.; Huber, T.; Li, Xin-Qiang	NUCLEAR PHYSICS B	2011	843	1	143-176	http://dx.doi.org/10.1016/j.nuclphysb.2010.09.022
92	Heterogeneous Responses of Chinese Cities' Housing Prices to Monetary Policies	Yan Yan; Wang Yan-Ting; Zhu Xiao-Wu	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	56	4	791-796	http://dx.doi.org/10.1088/0253-6102/56/4/33
93	Hidden conformal symmetry of a rotating black hole with four charges	Shao, Kai-Nan; Zhang, Zhibai	PHYSICAL REVIEW D	2011	83	10	106008	http://dx.doi.org/10.1103/PhysRevD.83.106008
94	High spin topologically massive gravity	Chen, Bin; Long, Jiang	JOURNAL OF HIGH ENERGY PHYSICS	2011		12	114	http://dx.doi.org/10.1007/JHEP12(2011)114
95	Hole pairing from attraction of opposite-chirality spin vortices: Non-BCS superconductivity in underdoped cuprates	Marchetti, P. A.; Ye, F.; Su, Z. B.; Yu, L.	PHYSICAL REVIEW B	2011	84	21	214525	http://dx.doi.org/10.1103/PhysRevB.84.214525
96	Holographic de Sitter universe	Li, Miao; Pang, Yi	JOURNAL OF HIGH ENERGY PHYSICS	2011		7	53	http://dx.doi.org/10.1007/JHEP07(2011)053
97	Holographic phase transitions of p-wave superconductors in Gauss-Bonnet gravity with backreaction	Cai, Rong-Gen; Nie, Zhang-Yu; Zhang, Hai-Qing	PHYSICAL REVIEW D	2011	83	6	66013	http://dx.doi.org/10.1103/PhysRevD.83.066013
98	HOLOGRAPHIC SUPERCONDUCTOR FOR A LIFSHITZ FIXED POINT	Sin, Sang-Jin; Xu, Shan-Shan; Zhou, Yang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2011	26	26	4617-4631	http://dx.doi.org/10.1142/S0217751X11054632
99	Holography of charged black holes with RF2 corrections	Cai, Rong-Gen; Pang, Da-Wei	PHYSICAL REVIEW D	2011	84	6	66004	http://dx.doi.org/10.1103/PhysRevD.84.066004
100	Hydrodynamics of a 5D Einstein-dilaton black hole solution and the corresponding BPS state	He, Song; Hu, Ya-Peng; Zhang, Jian-Hui	JOURNAL OF HIGH ENERGY PHYSICS	2011		12	78	http://dx.doi.org/10.1007/JHEP12(2011)078
101	Icosahedral nano-micro capsules with minimal bending energy in regular polyhedra	Zhou, Li; Ou-Yang, Zhong-can	9TH INTERNATIONAL CONFERENCE ON NANO-MOLECULAR ELECTRONICS	2011	14		-	http://dx.doi.org/10.1016/j.pro.2011.05.010
102	IMPROVED CANONICAL QUANTIZATION METHOD OF SPINOR ELECTRODYNAMICS WITH SINGULAR LAGRANGIAN	Fan, Feng-Hua; Huang, Yong-Chang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2011	26	26	4543-4551	http://dx.doi.org/10.1142/S0217751X11054486
103	Incorporating Ab Initio energy into threading approaches for protein structure prediction	Shao, Mingfu; Wang, Sheng; Wang, Chao; Yuan, Xiongying; Li, Shuai Cheng; Zheng, Weimou; Bu, Dongbo	BMC BIOINFORMATICS	2011	12		S54	http://dx.doi.org/10.1186/1471-2105-12-S1-S54

104	Inner structure of QED and its gauge invariant angular momenta: A new viewpoint to the final resolution of the nucleon spin crisis	Zhou, Bao-Hua; Huang, Yong-Chang	PHYSICAL REVIEW D	2011	84	4	47701	http://dx.doi.org/10.1103/PhysRevD.84.047701
105	Interaction of gas molecules with crystalline polymer separation membranes: Atomic-scale modeling and first-principles calculations	Wang, Yanting; Rashkeev, Sergey N.; Klaehn, John R.; Orme, Christopher J.; Peterson, Eric S.	JOURNAL OF MEMBRANE SCIENCE	2011	384	1-2	176-183	http://dx.doi.org/10.1016/j.memsci.2011.09.020
106	Intersecting black branes in strong gravitational waves	Cao, Li-Ming; Evnin, Oleg; Ohta, Nobuyoshi	JOURNAL OF HIGH ENERGY PHYSICS	2011		6	62	http://dx.doi.org/10.1007/JHEP06(2011)062
107	Kinematics in Randers-Finsler geometry and secular increase of the astronomical unit	Li Xin; Chang Zhe	CHINESE PHYSICS C	2011	35	10	914-919	http://dx.doi.org/10.1088/1674-1137/35/10/005
108	LHC diphoton Higgs signal predicted by little Higgs models	Wang, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2011	84	7	75024	http://dx.doi.org/10.1103/PhysRevD.84.075024
109	Lifshitz transitions in a heavy Fermi liquid driven by short-range antiferromagnetic correlations in the two-dimensional Kondo lattice model	Zhang, Guang-Ming; Su, Yue-Hua; Yu, Lu	PHYSICAL REVIEW B	2011	83	3	33102	http://dx.doi.org/10.1103/PhysRevB.83.033102
110	Light dark matter from the U(1)(X) sector in the NMSSM with gauge mediation	Kang, Zhaofeng; Li, Tianjun; Liu, Tao; Tong, Chunli; Yang, Jin Min	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		1	28	http://dx.doi.org/10.1088/1475-7516/2011/01/028
111	Light dark matter in NMSSM and implication on Higgs phenomenology	Cao, Junjie; Hikasa, Ken-ichi; Wang, Wenyu; Yang, Jin Min	PHYSICS LETTERS B	2011	703	3	292-297	http://dx.doi.org/10.1016/j.physletb.2011.07.086
112	Light-like big bang singularities in string and matrix theories	Craps, Ben; Evnin, Oleg	CLASSICAL AND QUANTUM GRAVITY	2011	28	20	204006	http://dx.doi.org/10.1088/0264-9381/28/20/204006
113	Liquid-gas phase transition in hot asymmetric nuclear matter	Wu, Chen; Ren, Zhongzhou	PHYSICAL REVIEW C	2011	83	4	44605	http://dx.doi.org/10.1103/PhysRevC.83.044605
114	Low-energy properties of anisotropic two-dimensional spin-1/2 Heisenberg models in staggered magnetic fields	Xi, Bin; Hu, Shijie; Zhao, Jize; Su, Gang; Normand, B.; Wang, Xiaogun	PHYSICAL REVIEW B	2011	84	13	134407	http://dx.doi.org/10.1103/PhysRevB.84.134407
115	Magnetic field effect on the phase transition in AdS soliton spacetime	Cai, Rong-Gen; Li, Li; Zhang, Hai-Qing; Zhang, Yun-Long	PHYSICAL REVIEW D	2011	84	12	126008	http://dx.doi.org/10.1103/PhysRevD.84.126008
116	Mass deformation of the multiple M2-branes theory	Song, Yushu	EUROPEAN PHYSICAL JOURNAL C	2011	71	3	1599	http://dx.doi.org/10.1140/epjcs/10052-011-1599-0
117	Mesoscopic spin-flip transport through a hybrid system with a single molecular dot system applied with ac magnetic fields	Chen, Qiao; Liu, Jin; Wang, Zhi-yong	PHYSICS LETTERS A	2011	375	3	733-737	http://dx.doi.org/10.1016/j.physleta.2010.12.010
118	Metamaterials mimicking dynamic spacetime, D-brane and noncommutativity in string theory	Miao, Rong-Xin; Zheng, Rui; Li, Miao	PHYSICS LETTERS B	2011	696	5	550-555	http://dx.doi.org/10.1016/j.physletb.2011.01.016
119	Microscopic structure and dynamics of air/water interface by computer simulations-comparison with sum-frequency generation experiments	Wang, Yanting; Hodas, Nathan O.; Jung, Yousung; Marcus, R. A.	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2011	13	12	5388-5393	http://dx.doi.org/10.1039/c0cp02745f
120	Microscopic Study of Band Structures in Sr98-102 and Zr100-104 Isotopes	Dong Guo-Xiang; Yu Shao-Ying; Liu Yan-Xin; Shen Cai-Wan	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	56	5	922-926	http://dx.doi.org/10.1088/0253-6102/56/5/20
121	MINOS anomaly as a signal of Lorentz violation	Liu, Chun; Tian, Jin-tao; Zhao, Zhen-hua	PHYSICS LETTERS B	2011	702	2-3	154-157	http://dx.doi.org/10.1016/j.physletb.2011.06.084
122	MSSM-LIKE AdS FLUX VACUA WITH FROZEN OPEN-STRING MODULI	Chen, Ching-Ming; Li, Tianjun; Mayes, Van Eric; Nanopoulos, D. V.	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2011	26	14	2353-2376	http://dx.doi.org/10.1142/S0217751X11053456
123	Multiatom mirror for perfect reflection of single photons in a wide band of frequency	Chang, Yue; Gong, Z. R.; Sun, C. P.	PHYSICAL REVIEW A	2011	83	1	13825	http://dx.doi.org/10.1103/PhysRevA.83.013825
124	Multistability of electromagnetically induced transparency in atom-assisted optomechanical cavities	Chang, Yue; Shi, T.; Liu, Yu-xi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW A	2011	83	6	63826	http://dx.doi.org/10.1103/PhysRevA.83.063826
125	N(N)over-bar scattering at next-to-leading order in an effective theory	Chen, G. Y.; Ma, J. P.	PHYSICAL REVIEW D	2011	83	9	94029	http://dx.doi.org/10.1103/PhysRevD.83.094029
126	Nanoscale Tail Aggregation in Ionic Liquids: Roles of Electrostatic and van der Waals Interactions	Zhao Hai-Qing; Shi Rui; Wang Yan-Ting	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	56	3	499-503	http://dx.doi.org/10.1088/0253-6102/56/3/19
127	Negative spectral index of f(NL) in the axion-type curvaton model (vol 2010, pg 26, 2010)	Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		2	E01	http://dx.doi.org/10.1088/1475-7516/2011/02/E01
128	Neutron halo in deformed nuclei from a relativistic Hartree-Bogoliubov model in a Woods-Saxon basis	Zhou, S. G.; Meng, J.; Ring, P.; Zhao, E. G.	INTERNATIONAL NUCLEAR PHYSICS CONFERENCE 2010 (INPC): NUCLEAR STRUCTURE	2011	312		92067	http://dx.doi.org/10.1088/1742-6596/312/9/092067
129	Neutron Scattering Studies of spin excitations in hole-doped Ba0.67K0.33Fe2As2 superconductor	Zhang, Chenglin; Wang, Meng; Luo, Huiqian; Wang, Miaoyin; Liu, Mengshu; Zhao, Jun; Abernathy, D. L.; Maier, T. A.; Marty, Karol; Lumsden, M. D.; Chi, Songxue; Chang, Sung; Rodriguez-Rivera, Jose A.; Lynn, J. W.; Xiang, Tao; Hu, Jiangping; Dai, Pengcheng	SCIENTIFIC REPORTS	2011	1		115	http://dx.doi.org/10.1038/srep00115
130	New color-octet axial vector boson revisited	Wang, Hao; Wang, You-kai; Xiao, Bo; Zhu, Shou-hua	PHYSICAL REVIEW D	2011	84	9	94019	http://dx.doi.org/10.1103/PhysRevD.84.094019
131	New features in the curvaton model	Chingangbam, Pravabati; Huang, Qing-Guo	PHYSICAL REVIEW D	2011	83	2	23527	http://dx.doi.org/10.1103/PhysRevD.83.023527
132	New insight into the shape coexistence and shape evolution of Yb-157	Xu, C.; Hua, H.; Li, X. Q.; Meng, J.; Li, Z. H.; Xu, F. R.; Shi, Y.; Liu, H. L.; Zhang, S. Q.; Li, Z. Y.; Zhu, L. H.; Wu, X. G.; Li, G. S.; He, C. Y.; Zhou, S. G.; Wang, S. Y.; Ye, Y. L.; Jiang, D. X.; Zheng, T.; Lou, J. L.; Ma, L. Y.; Wang, E. H.; Cheng, Y. Y.; He, C.	PHYSICAL REVIEW C	2011	83	1	14318	http://dx.doi.org/10.1103/PhysRevC.83.014318

133	New physics effects on top quark spin correlation and polarization at the LHC: A comparative study in different models	Cao, Junjie; Wu, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2011	83	3	34024	http://dx.doi.org/10.1103/PhysRevD.83.034024
134	Non-BCS superconductivity for underdoped cuprates by spin-vortex attraction	Marchetti, P. A.; Ye, F.; Su, Z. B.; Yu, L.	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2011	72	5	337-340	http://dx.doi.org/10.1016/j.jpcs.2010.10.058
135	Nondeterministic ultrafast ground-state cooling of a mechanical resonator	Li, Yong; Wu, Lian-Ao; Wang, Ying-Dan; Yang, Li-Ping	PHYSICAL REVIEW B	2011	84	9	94502	http://dx.doi.org/10.1103/PhysRevB.84.094502
136	Non-equilibrium physics at a holographic chiral phase transition	Evans, Nick; Kalaydzhyan, Tigran; Kim, Keun-young; Kirsch, Ingo	JOURNAL OF HIGH ENERGY PHYSICS	2011		1	50	http://dx.doi.org/10.1007/JHEP01(2011)050
137	Nonlinear Diffusion and Transient Osmosis	Igarashi, Akira; Rondoni, Lamberto; Botrugno, Antonio; Pizzi, Marco	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	56	2	352-366	http://dx.doi.org/10.1088/0253-6102/56/2/28
138	Non-relativistic fluid dual to asymptotically AdS gravity at finite cutoff surface	Cai, Rong-Gen; Li, Li; Zhang, Yun-Long	JOURNAL OF HIGH ENERGY PHYSICS	2011		7	27	http://dx.doi.org/10.1007/JHEP07(2011)027
139	Notes on ghost dark energy	Cai, Rong-Gen; Tuo, Zhong-Liang; Zhang, Hong-Bo; Su, Qiping	PHYSICAL REVIEW D	2011	84	12	123501	http://dx.doi.org/10.1103/PhysRevD.84.123501
140	Nuclear Dynamical Quadrupole Deformations in Heavy-Ion Reactions	Dou Liang; Wang Nan; Zhao En-Guang	CHINESE PHYSICS LETTERS	2011	28	12	122401	http://dx.doi.org/10.1088/0256-307X/28/12/122401
141	Nuclear pairing reduction due to rotation and blocking	Wu, X.; Zhang, Z. H.; Zeng, J. Y.; Lei, Y. A.	PHYSICAL REVIEW C	2011	83	3	34323	http://dx.doi.org/10.1103/PhysRevC.83.034323
142	Observational constraints on the energy scale of inflation	Guo, Zong-Kuan; Schwarz, Dominik J.; Zhang, Yuan-Zhong	PHYSICAL REVIEW D	2011	83	8	83522	http://dx.doi.org/10.1103/PhysRevD.83.083522
143	Omega(b) semileptonic weak decays	Du, Ming-Kai; Liu, Chun	PHYSICAL REVIEW D	2011	84	5	56007	http://dx.doi.org/10.1103/PhysRevD.84.056007
144	On hybrid (topologically) massive supergravity in three dimensions	Lue, H.; Pang, Yi	JOURNAL OF HIGH ENERGY PHYSICS	2011		3	50	http://dx.doi.org/10.1007/JHEP03(2011)050
145	On tree amplitudes with gluons coupled to gravitons	Chen, Yi-Xin; Du, Yi-Jian; Feng, Bo	JOURNAL OF HIGH ENERGY PHYSICS	2011		1	81	http://dx.doi.org/10.1007/JHEP01(2011)081
146	One-Loop Effects of Non-Universal Gauge Boson Z' in Top Quark Pair Production at LHC in TC2 Mode	Liu Ning; Wu Lei	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	55	2	296-302	http://dx.doi.org/10.1088/0253-6102/55/2/18
147	Optically-driven cooling for collective atomic excitations	Li, Y.; Wang, Z. D.; Sun, C. P.	EUROPEAN PHYSICAL JOURNAL D	2011	61	1	215-220	http://dx.doi.org/10.1140/epjdp/2010-10353-2
148	Partial Order and Finite-Temperature Phase Transitions in Potts Models on Irregular Lattices	Chen, Q. N.; Qin, M. P.; Chen, J.; Wei, Z. C.; Zhao, H. H.; Normand, B.; Xiang, T.	PHYSICAL REVIEW LETTERS	2011	107	16	165701	http://dx.doi.org/10.1103/PhysRevLett.107.165701
149	Particle-number conserving analysis of rotational bands in Cm-247, Cm- 249 and Cf-249	Zhang, Zhen-Hua; Zeng, Jin-Yan; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW C	2011	83	1	11304	http://dx.doi.org/10.1103/PhysRevC.83.011304
150	Partition function expansion on region graphs and message-passing equations	Zhou, Haijun; Wang, Chuang; Xiao, Jing-Qing; Bi, Zedong	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2011			L12001	http://dx.doi.org/10.1088/1742-5468/2011/12/L12001
151	Partition function loop series for a general graphical model: free-energy corrections and message-passing equations	Xiao, Jing-Qing; Zhou, Haijun	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2011	44	42	425001	http://dx.doi.org/10.1088/1751-8113/44/42/425001
152	Phase separation of a two-component dipolar Bose-Einstein condensate in the quasi-one-dimensional and quasi-two-dimensional regime	Xi, Kui-Tian; Li, Jinbin; Shi, Da-Ning	PHYSICAL REVIEW A	2011	84	1	13619	http://dx.doi.org/10.1103/PhysRevA.84.013619
153	Phase structure of black branes in grand canonical ensemble	Lu, J. X.; Roy, Shibaji; Xiao, Zhiguang	JOURNAL OF HIGH ENERGY PHYSICS	2011		5	91	http://dx.doi.org/10.1007/JHEP05(2011)091
154	Phase transitions in AdS soliton spacetime through marginally stable modes	Cai, Rong-Gen; He, Xi; Li, Huali-Fan; Zhang, Hai-Qing	PHYSICAL REVIEW D	2011	84	4	46001	http://dx.doi.org/10.1103/PhysRevD.84.046001
155	Physical decomposition of the gauge and gravitational fields	Chen, Xiang-Song; Zhu, Ben-Chao	PHYSICAL REVIEW D	2011	83	8	84006	http://dx.doi.org/10.1103/PhysRevD.83.084006
156	pi and rho mesons, and their diquark partners, from a contact interaction	Roberts, H. L. L.; Bashir, A.; Gutierrez-Guerrero, L. X.; Roberts, C. D.; Wilson, D. J.	PHYSICAL REVIEW C	2011	83	6	65206	http://dx.doi.org/10.1103/PhysRevC.83.065206
157	Pion and kaon valence-quark parton distribution functions	Trang Nguyen; Bashir, Adnan; Roberts, Craig D.; Tandy, Peter C.	PHYSICAL REVIEW C	2011	83	6	62201	http://dx.doi.org/10.1103/PhysRevC.83.062201
158	Plasmon mass and Drude weight in strongly spin-orbit-coupled two-dimensional electron gases	Agarwal, Amit; Chesni, Stefano; Jungwirth, T.; Sinova, Jairo; Vignale, G.; Polini, Marco	PHYSICAL REVIEW B	2011	83	11	115135	http://dx.doi.org/10.1103/PhysRevB.83.115135
159	Pnictogen-bridged antiferromagnetic superexchange interactions in iron pnictides	Lu, Zhong-Yi; Ma, Fengjie; Xiang, Tao	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2011	72	5	319-323	http://dx.doi.org/10.1016/j.jpcs.2010.10.065
160	Polarization-dependence of optical second harmonic generation for chiral cylindrical structure and explanation for nonlinear optical imaging of cholesteric liquid crystals	Iwamoto, Mitsumasa; Liu, Fei; Ou-Yang Zhong-can	CHEMICAL PHYSICS LETTERS	2011	511	4-6	455-460	http://dx.doi.org/10.1016/j.cplett.2011.06.056
161	Predictive AdS/QCD model for mass spectra of mesons with three flavors	Sui, Yan-Qin; Wu, Yue-Liang; Yang, Yi-Bo	PHYSICAL REVIEW D	2011	83	6	65030	http://dx.doi.org/10.1103/PhysRevD.83.065030
162	Pressure- and temperature-induced structural phase transitions of CaFe2As2 and BaFe2As2 studied in the Hund's rule correlation picture	Ji, Wei; Yan, Xun-Wang; Lu, Zhong-Yi	PHYSICAL REVIEW B	2011	83	13	132504	http://dx.doi.org/10.1103/PhysRevB.83.132504
163	Pressure-induced structural phase transition and electronic properties of RESb (RE = Ho, Er and Tm) compounds: ab initio calculations	Sahu, A. K.; Singh, A.; Jha, Prafulla K.; Sanyal, Sankar P.	PHASE TRANSITIONS	2011	84	7	603-612	http://dx.doi.org/10.1080/01411594.2010.545939
164	Pressure-Induced Structural Phase Transition in RESb Compounds: ab initio Calculations	Sahu, A. K.; Singh, A.; Jha, Prafulla K.; Sanyal, Sankar P.	SOLID STATE PHYSICS: PROCEEDINGS OF THE 55TH DAE SOLID STATE PHYSICS SYMPOSIUM 2010, PTS A AND B	2011	1349		111+	http://dx.doi.org/10.1063/1.3605762

165	Probing cosmic acceleration by using the SNLS3 SNIa dataset	Li, Xiao-Dong; Li, Song; Wang, Shuang; Zhang, Wen-Shuai; Huang, Qing-Guo; Li, Miao	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		7	11	http://dx.doi.org/10.1088/1475-7516/2011/07/011
166	Probing the W^+LWH and W^+RWH interactions at LHC	Bao, Shou-Shan; Li, Hong-Lei; Si, Zong-Guo; Zhou, Yu-Feng	PHYSICAL REVIEW D	2011	83	11	115001	http://dx.doi.org/10.1103/PhysRevD.83.115001
167	Production of four-quark states with double heavy quarks at LHC	Chen, Yu-Qi; Wu, Su-Zhi	PHYSICS LETTERS B	2011	705	1-2	93-97	http://dx.doi.org/10.1016/j.physletb.2011.09.096
168	Production of triply heavy baryons at LHC	Chen, Yu-Qi; Wu, Su-Zhi	JOURNAL OF HIGH ENERGY PHYSICS	2011		8	144	http://dx.doi.org/10.1007/JHEP08(2011)144
169	Propagation, distribution and detection principle of seismic precursory signals	Lu Kun-Quan; Hou Mei-Ying; Wang Qiang; Jiang Ze-Hui; Liu Ji-Xing	ACTA PHYSICA SINICA	2011	60	11	119101	http://dx.doi.org/10.7498/aps.60.119101
170	Proper identification of the gluon spin	Chen, Xiang-Song; Sun, Wei-Min; Wang, Fan; Goldman, T.	PHYSICS LETTERS B	2011	700	1	21-24	http://dx.doi.org/10.1016/j.physletb.2011.04.045
171	Pseudogap and Fermi arc in kappa-type organic superconductors	Kang, Jing; Yu, Shun-Li; Xiang, Tao; Li, Jian-Xin	PHYSICAL REVIEW B	2011	84	6	64520	http://dx.doi.org/10.1103/PhysRevB.84.064520
172	Purification of silicon by the method of strong radiation catalysis	Chen Ying-Tian; Ho, T. H.	ACTA PHYSICA SINICA	2011	60	7	78104	http://dx.doi.org/10.7498/aps.60.78104
173	QCD corrections to gamma production via color-octet states at the Tevatron and LHC	Gong, Bin; Wang, Jian-Xiong; Zhang, Hong-Fei	PHYSICAL REVIEW D	2011	83	11	114021	http://dx.doi.org/10.1103/PhysRevD.83.114021
174	Quadrupole deformation (beta, gamma) of light Lambda hypernuclei in a constrained relativistic mean field model: Shape evolution and shape polarization effect of the Lambda hyperon	Lu, Bing-Nan; Zhao, En-Guang; Zhou, Shan-Gui	PHYSICAL REVIEW C	2011	84	1	14328	http://dx.doi.org/10.1103/PhysRevC.84.014328
175	Quantifying the sequence-function relation in gene silencing by bacterial small RNAs	Hao, Yue; Zhang, Zhongge J.; Erickson, David W.; Huang, Min; Huang, Yingwu; Li, Junbai; Hwa, Terence; Shi, Hualin	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2011	108	30	12473-12478	http://dx.doi.org/10.1073/pnas.1100432108
176	Quantum Fisher information of the Greenberg-Horne-Zeilinger state in decoherence channels	Ma, Jian; Huang, Yi-xiao; Wang, Xiaoguang; Sun, C. P.	PHYSICAL REVIEW A	2011	84	2	22302	http://dx.doi.org/10.1103/PhysRevA.84.022302
177	Quantum Hall effects in fast-rotating Fermi gases with anisotropic dipolar interaction	Qiu, R.-Z.; Kou, Su-Peng; Hu, Z.-X.; Wan, Xin; Yi, S.	PHYSICAL REVIEW A	2011	83	6	63633	http://dx.doi.org/10.1103/PhysRevA.83.063633
178	Quantum Maxwell's demon in thermodynamic cycles	Dong, H.; Xu, D. Z.; Cai, C. Y.; Sun, C. P.	PHYSICAL REVIEW E	2011	83	6	61108	http://dx.doi.org/10.1103/PhysRevE.83.061108
179	Quantum noise theory for quantum transport through nanostructures	Zhao, Nan; Zhu, Jia-Lin; Liu, R-B; Sun, C. P.	NEW JOURNAL OF PHYSICS	2011	13		13005	http://dx.doi.org/10.1088/1367-2630/13/1/013005
180	Quantum spin squeezing	Ma, Jian; Wang, Xiaoguang; Sun, C. P.; Nori, Franco	PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS	2011	509	2-3	89-165	http://dx.doi.org/10.1016/j.physrep.2011.08.003
181	Quantum thermalization of two coupled two-level systems in eigenstate and bare-state representations	Liao, Jie-Qiao; Huang, Jin-Feng; Kuang, Le-Man	PHYSICAL REVIEW A	2011	83	5	52110	http://dx.doi.org/10.1103/PhysRevA.83.052110
182	Quark number susceptibility and QCD phase transition in the predictive soft-wall AdS/QCD model with finite temperature	Cui, Ling-Xiao; Takeuchi, Shingo; Wu, Yue-Liang	PHYSICAL REVIEW D	2011	84	7	76004	http://dx.doi.org/10.1103/PhysRevD.84.076004
183	Quark Number Susceptibility with Finite Quark Mass in Holographic QCD	Kim, Kyung-Il; Kim, Youngman; Takeuchi, Shingo; Tsukioka, Takuya	PROGRESS OF THEORETICAL PHYSICS	2011	126	4	735-751	http://dx.doi.org/10.1143/PTP.126.735
184	Quasinormal modes and hidden conformal symmetry of warped dS(3) black hole	Chen, Bin; Zhang, Jia-ju; Zhang, Jian-dong	PHYSICAL REVIEW D	2011	84	12	124039	http://dx.doi.org/10.1103/PhysRevD.84.124039
185	Quasi-normal modes of extremal black holes from hidden conformal symmetry	Chen, Bin; Zhang, Jia-ju	PHYSICS LETTERS B	2011	699	3	204-210	http://dx.doi.org/10.1016/j.physletb.2011.04.003
186	Quaternion Octonion Reformulation of Quantum Chromodynamics	Pushpa; Bisht, P. S.; Li, Tianjun; Negi, O. P. S.	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2011	50	2	594-606	http://dx.doi.org/10.1007/s10773-010-0579-8
187	Radiative transitions in charmonium from N-f=2 twisted mass lattice QCD	Chen, Ying; Du, De-Chuan; Guo, Bao-Zhong; Li, Ning; Liu, Chuan; Liu, Hang; Liu, Yu-Bin; Ma, Jian-Ping; Meng, Xiang-Fei; Niu, Zhi-Yuan; Zhang, Jian-Bo	PHYSICAL REVIEW D	2011	84	3	34503	http://dx.doi.org/10.1103/PhysRevD.84.034503
188	Radiative transitions in charmonium from N-f=2 twisted mass lattice QCD	Chen, Ying; Du, De-Chuan; Guo, Bao-Zhong; Li, Ning; Liu, Chuan; Liu, Hang; Liu, Yu-Bin; Ma, Jian-Ping; Meng, Xiang-Fei; Niu, Zhi-Yuan; Zhang, Jian-Bo	PHYSICAL REVIEW D	2011	84	3	34503	http://dx.doi.org/10.1103/PhysRevD.84.034503
189	Randomized Wilson loops, reduced models and the large D expansion	Evnin, Oleg	NUCLEAR PHYSICS B	2011	853	2	461-474	http://dx.doi.org/10.1016/j.nuclphysb.2011.08.007
190	Ranking Candidate Disease Genes from Gene Expression and Protein Interaction: A Katz-Centrality Based Approach	Zhao, Jing; Yang, Ting-Hong; Huang, Yongxu; Holme, Petter	PLOS ONE	2011	6	9	e24306	http://dx.doi.org/10.1371/journal.pone.0024306
191	Realistic standard model fermion mass relations in generalized minimal supergravity (GmSUGRA)	Balazs, Csaba; Li, Tianjun; Nanopoulos, Dimitri V.; Wang, Fei	JOURNAL OF HIGH ENERGY PHYSICS	2011		2	96	http://dx.doi.org/10.1007/JHEP02(2011)096
192	Realizing tri-bimaximal mixing in minimal seesaw model with S4 family symmetry	Zhao, Zhen-hua	PHYSICS LETTERS B	2011	701	5	609-613	http://dx.doi.org/10.1016/j.physletb.2011.06.050
193	Recent progress in theoretical nuclear physics related to large-scale scientific facilities	Zhao EnGuang; Wang Fan	CHINESE SCIENCE BULLETIN	2011	56	35	3797-3802	http://dx.doi.org/10.1007/s11434-011-4815-2
194	Reconstruction of the primordial power spectrum from CMB data	Guo, Zong-Kuan; Schwarz, Dominik J.; Zhang, Yuan-Zhong	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		8	31	http://dx.doi.org/10.1088/1475-7516/2011/08/031
195	Relativistic corrections to the exclusive decays of C-even bottomonia into S-wave charmonium pairs	Sang, Wen-Long; Rashidin, Reyima; Kim, U-Rae; Lee, Jungil	PHYSICAL REVIEW D	2011	84	7	74026	http://dx.doi.org/10.1103/PhysRevD.84.074026

196	Saddle-point entropy states of equilibrated self-gravitating systems	He, Ping; Kang, Dong-Biao	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2011	414	1	L21-L25	http://dx.doi.org/10.1111/j.1745-3933.2011.01046.x
197	Scalar graviton in the healthy extension of Horava-Lifshitz theory	Cai, Rong-Gen; Hu, Bin; Zhang, Hong-Bo	PHYSICAL REVIEW D	2011	83	8	84009	http://dx.doi.org/10.1103/PhysRevD.83.084009
198	Scale dependences of local form non-Gaussianity parameters from a DBI isocurvature field	Huang, Qing-Guo; Lin, Chunshan	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		10	5	http://dx.doi.org/10.1088/1475-7516/2011/10/005
199	Semi-direct Gauge-Yukawa mediation	Kang, Zhaofeng; Li, Tianjun; Liu, Tao; Yang, Jin Min	JOURNAL OF HIGH ENERGY PHYSICS	2011		3	78	http://dx.doi.org/10.1007/JHEP03(2011)078
200	Singularities and Entropy in Bulk Viscosity Dark Energy Model	Meng Xin-He; Dou Xu	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	56	5	957-966	http://dx.doi.org/10.1088/0253-6102/56/5/27
201	Soft-gluon-pole contribution in single transverse-spin asymmetries of Drell-Yan processes	Ma, J. P.; Sang, H. Z.	JOURNAL OF HIGH ENERGY PHYSICS	2011		4	62	http://dx.doi.org/10.1007/JHEP04(2011)062
202	SOME REMARKS ON DARK ENERGY MODELS	Cai, Rong-Gen	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2011	20	8	1313-1325	http://dx.doi.org/10.1142/S0218271811019499
203	Spatial Landau-Zener-Stueckelberg interference in spinor Bose-Einstein condensates	Zhang, J. -N.; Sun, C. -P.; Yi, S.; Nori, Franco	PHYSICAL REVIEW A	2011	83	3	33614	http://dx.doi.org/10.1103/PhysRevA.83.033614
204	Spatial oscillations in the spontaneous emission rate of an atom inside a metallic wedge	Zhao, H. J.; Du, M. L.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2011	44	2	25401	http://dx.doi.org/10.1088/0953-4075/44/2/025401
205	Spectral index and running of g(NL) from an isocurvature scalar field	Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		4	10	http://dx.doi.org/10.1088/1475-7516/2011/04/010
206	Spin superconductor in ferromagnetic graphene	Sun, Qing-feng; Jiang, Zhaotian; Yu, Yue; Xie, X. C.	PHYSICAL REVIEW B	2011	84	21	214501	http://dx.doi.org/10.1103/PhysRevB.84.214501
207	Split-SUSY dark matter in light of direct detection limits	Cao, Junjie; Wang, Wenyu; Yang, Jin Min	PHYSICS LETTERS B	2011	706	1	72-76	http://dx.doi.org/10.1016/j.physletb.2011.11.003
208	Strange hadronic stars in relativistic mean-field theory with the FSUGold parameter set	Wu, Chen; Ren, Zhongzhou	PHYSICAL REVIEW C	2011	83	2	25805	http://dx.doi.org/10.1103/PhysRevC.83.025805
209	String formation and demixing in monolayers of dipolar colloidal mixtures	Luo, Liang; Klapp, Sabine H. L.; Chen, Xiaosong	JOURNAL OF CHEMICAL PHYSICS	2011	135	13	134701	http://dx.doi.org/10.1063/1.3643324
210	Strong $D^* \rightarrow D \pi$ and $B^* \rightarrow B \pi$ couplings	Ei-Bennich, Bruno; Ivanov, Mikhail A.; Roberts, Craig D.	PHYSICAL REVIEW C	2011	83	2	25205	http://dx.doi.org/10.1103/PhysRevC.83.025205
211	Structure function of holographic quark-gluon plasma: Sakai-Sugimoto model versus its noncritical version	Bu, Yan Yan; Yang, Jin Min	PHYSICAL REVIEW D	2011	84	10	106004	http://dx.doi.org/10.1103/PhysRevD.84.106004
212	Structures and Energetics of Silver and Gold Nanoparticles	Wang, Boyang; Liu, Maixin; Wang, Yanting; Chen, Xiaosong	JOURNAL OF PHYSICAL CHEMISTRY C	2011	115	23	11374-11381	http://dx.doi.org/10.1021/jp201023x
213	SU(7) unification of SU(3)(C) x SU(4)(W) x U(1)(B-L)	Balazs, Csaba; Li, Tianjun; Wang, Fei; Yang, Jin Min	JOURNAL OF HIGH ENERGY PHYSICS	2011		1	23	http://dx.doi.org/10.1007/JHEP01(2011)023
214	Sum rules, plasma frequencies and Hall phenomenology in holographic plasmas	Mas, Javier; Shock, Jonathan P.; Tarrío, Javier	JOURNAL OF HIGH ENERGY PHYSICS	2011		2	15	http://dx.doi.org/10.1007/JHEP02(2011)015
215	Superconductivity mediated by the antiferromagnetic spin wave in chalcogenide iron-based superconductors	Zhang, G. M.; Lu, Z. Y.; Xiang, T.	PHYSICAL REVIEW B	2011	84	5	52502	http://dx.doi.org/10.1103/PhysRevB.84.052502
216	Super-No-Scale F-SU(5): A dynamic determination of M-1/2 and tan beta	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICS LETTERS B	2011	703	4	469-474	http://dx.doi.org/10.1016/j.physletb.2011.08.025
217	Supersolid phase transitions for hard-core bosons on a triangular lattice	Zhang, Xue-Feng; Dillenschneider, Raoul; Yu, Yue; Eggert, Sebastian	PHYSICAL REVIEW B	2011	84	17	174515	http://dx.doi.org/10.1103/PhysRevB.84.174515
218	SUSY DARK MATTER IN LIGHT OF CDMS/XENON LIMITS	Yang, Jin Min	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2011	20	8	1383-1388	http://dx.doi.org/10.1142/S0218271811019566
219	Symmetries in a very special relativity and isometric group of Finsler space	Li Xin; Chang Zhe; Mo Xiaohuan	CHINESE PHYSICS C	2011	35	6	535-538	http://dx.doi.org/10.1088/1674-1137/35/6/004
220	Systematic calculations on cluster radioactivity half-lives	Sheng, Zongqiang; Ni, Dongdong; Ren, Zhongzhou	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2011	38	5	55103	http://dx.doi.org/10.1088/0954-3899/38/5/055103
221	Systematic calculations on exotic alpha-decay half-lives of nuclei with N=125, 126, 127	Qian, Yibin; Ren, Zhongzhou	NUCLEAR PHYSICS A	2011	852	1	82-91	http://dx.doi.org/10.1016/j.nuclphysa.2011.01.007
222	Systematic study of new data for extreme alpha decays	Qian, Yibin; Ren, Zhongzhou	PHYSICAL REVIEW C	2011	84	6	64307	http://dx.doi.org/10.1103/PhysRevC.84.064307
223	Systematic study of survival probability of excited superheavy nuclei	Xia ChengJun; Sun BaoXi; Zhao EnGuang; Zhou ShanGui	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2011	54		S109-S113	http://dx.doi.org/10.1007/s11433-011-4438-2
224	T(r)opical Dyson-Schwinger Equations	Chang, Lei; Cloet, Ian C.; Roberts, Craig D.; Roberts, Hannes L. L.	T(R)OPICAL QCD 2010	2011	1354		-	http://dx.doi.org/10.1063/1.3587594
225	Ternary iron selenide K0.8Fe1.6Se2 is an antiferromagnetic semiconductor	Yan, Xun-Wang; Gao, Miao; Lu, Zhong-Yi; Xiang, Tao	PHYSICAL REVIEW B	2011	83	23	233205	http://dx.doi.org/10.1103/PhysRevB.83.233205
226	Testing gravity with non-Gaussianity	Gao, Xian	PHYSICS LETTERS B	2011	702	4	197-200	http://dx.doi.org/10.1016/j.physletb.2011.07.022
227	Testing inflationary consistency relations by the potential CMB observations	Zhao, Wen; Huang, Qing-Guo	CLASSICAL AND QUANTUM GRAVITY	2011	28	23	235003	http://dx.doi.org/10.1088/0264-9381/28/23/235003
228	The earthquake precursor detected in a granular medium and a proposed model for the propagation of precursive stress-strain signal	Lu KunQuan; Hou MeiYing; Wang Qiang; Peng Zheng; Sun Wei; Sun XiaoMing; Wang YuYing; Tong XiaoHui; Jiang ZeHui; Liu JiXing	CHINESE SCIENCE BULLETIN	2011	56	11	1071-1079	http://dx.doi.org/10.1007/s11434-011-4417-z
229	The electron pairing of KxFe2-ySe2	Wang, Fa; Yang, Fan; Gao, Miao; Lu, Zhong-Yi; Xiang, Tao; Lee, Dung-Hai	EPL	2011	93	5	57003	http://dx.doi.org/10.1209/0295-5075/93/57003
230	The first order hydrodynamics via AdS/CFT correspondence in the Gauss-Bonnet gravity	Hu, Ya-Peng; Li, Huai-Fan; Nie, Zhang-Yu	JOURNAL OF HIGH ENERGY PHYSICS	2011		1	123	http://dx.doi.org/10.1007/JHEP01(2011)123

231	The golden strip of correlated top quark, gaugino, and vector-like mass in no-scale, no-parameter F-SU(5)	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICS LETTERS B	2011	699	3	164-168	http://dx.doi.org/10.1016/j.physletb.2011.03.070
232	The like-sign dimuon charge asymmetry in SUSY models	Parry, J. K.	PHYSICS LETTERS B	2011	694	4-5	363-366	http://dx.doi.org/10.1016/j.physletb.2010.10.011
233	The open string membrane paradigm with external electromagnetic fields	Kim, Keun-Young; Shock, Jonathan P.; Tarrío, Javier	JOURNAL OF HIGH ENERGY PHYSICS	2011		6	17	http://dx.doi.org/10.1007/JHEP06(2011)017
234	Theoretical Analysis of Catalytic-sRNA-Mediated Gene Silencing	Hao, Yue; Xu, Liufang; Shi, Hualin	JOURNAL OF MOLECULAR BIOLOGY	2011	406	1	195-204	http://dx.doi.org/10.1016/j.jmb.2010.12.008
235	Theoretical Study on Alpha-Decay Chains of $(294)(177)117$ and $(293)(176)117$	Sheng Zong-Qiang; Ren Zhong-Zhou	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	55	3	495-500	http://dx.doi.org/10.1088/0253-6102/55/3/23
236	Theory of degenerate three-wave mixing using circuit QED in solid-state circuits	Cao, Ye; Huo, Wen Yi; Ai, Qing; Long, Gui Lu	PHYSICAL REVIEW A	2011	84	5	53846	http://dx.doi.org/10.1103/PhysRevA.84.053846
237	THERMODYNAMIC GEOMETRY OF THE BORN-INFELD-ANTI- DE SITTER BLACK HOLES	Chen, Peng	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2011	26	18	3091-3105	http://dx.doi.org/10.1142/S0217751X11053742
238	Thermodynamics on the maximally symmetric holographic screen and entropy from conical singularities	Tian, Yu; Wu, Xiao-Ning	JOURNAL OF HIGH ENERGY PHYSICS	2011		1	150	http://dx.doi.org/10.1007/JHEP01(2011)150
239	Three-body interactions on a triangular lattice	Zhang, Xue-Feng; Wen, Yu-Chuan; Yu, Yue	PHYSICAL REVIEW B	2011	83	18	184513	http://dx.doi.org/10.1103/PhysRevB.83.184513
240	Three-loop HTL QCD thermodynamics	Andersen, Jens O.; Leganger, Lars E.; Strickland, Michael; Su, Nan	JOURNAL OF HIGH ENERGY PHYSICS	2011		8	53	http://dx.doi.org/10.1007/JHEP08(2011)053
241	Time-dependent Ginzburg-Landau equation in the Nambu-Jona-Lasinio model	Fu, Wei-je; Huang, Da; Wang, Fa-bing	NUCLEAR PHYSICS A	2011	849	1	203-217	http://dx.doi.org/10.1016/j.nuclphysa.2010.11.004
242	Top quark forward-backward asymmetry, flavor-changing neutral-current decays, and like-sign pair production as a joint probe of new physics	Cao, Junjie; Wang, Lin; Wu, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2011	84	7	74001	http://dx.doi.org/10.1103/PhysRevD.84.074001
243	Topological term in the non-linear sigma model of the SO(5) spin chains	Lee, Dung-Hai; Zhang, Guang-Ming; Xiang, Tao	NUCLEAR PHYSICS B	2011	846	3	607-615	http://dx.doi.org/10.1016/j.nuclphysb.2011.01.010
244	Translation invariant tensor product states in a finite lattice system	Cai Jian-Wei; Chen Qiao-Ni; Zhao Hui-Hai; Xie Zhi-Yuan; Qin Ming-Pu; Wei Zhong-Chao; Xiang Tao	CHINESE PHYSICS B	2011	20	11	117501	http://dx.doi.org/10.1088/1674-1056/20/11/117501
245	True radiation gauge for gravity	Chen, Xiang-Song; Zhu, Ben-Chao	PHYSICAL REVIEW D	2011	83	6	61501	http://dx.doi.org/10.1103/PhysRevD.83.061501
246	Two-Dimensional Mott-Hubbard Electrons in an Artificial Honeycomb Lattice	Singha, A.; Gibertini, M.; Karmakar, B.; Yuan, S.; Polini, M.; Vignale, G.; Katsnelson, M. I.; Pinczuk, A.; Pfeiffer, L. N.; West, K. W.; Pellegrini, V.	SCIENCE	2011	332	6034	1176-1179	http://dx.doi.org/10.1126/science.1204333
247	Two-photon transport in a waveguide coupled to a cavity in a two-level system	Shi, T.; Fan, Shanhu; Sun, C. P.	PHYSICAL REVIEW A	2011	84	6	63803	http://dx.doi.org/10.1103/PhysRevA.84.063803
248	Ultrahigh jet multiplicity signal of stringy no-scale F-SU(5) at the root $s=7$ TeV LHC	Li, Tianjun; Maxin, James A.; Nanopoulos, Dimitri V.; Walker, Joel W.	PHYSICAL REVIEW D	2011	84	7	76003	http://dx.doi.org/10.1103/PhysRevD.84.076003
249	Uncorrelated estimates of the primordial power spectrum	Guo, Zong-Kuan; Zhang, Yuan-Zhong	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		11	32	http://dx.doi.org/10.1088/1475-7516/2011/11/032
250	Understanding gene circuits at cell-fate branch points for rational cell reprogramming	Zhou, Joseph X.; Huang, Sui	TRENDS IN GENETICS	2011	27	2	55-62	http://dx.doi.org/10.1016/j.tig.2010.11.002
251	Unification of Dark Matter and Dark Energy in a Modified Entropic Force Model	Chang Zhe; Li Ming-Hua; Li Xin	COMMUNICATIONS IN THEORETICAL PHYSICS	2011	56	1	184-192	http://dx.doi.org/10.1088/0253-6102/56/1/32
252	Unification theory of classical statistical uncertainty relation and quantum uncertainty relation and its applications	Huang, Changyu; Huang, Yong-Chang	PHYSICS LETTERS A	2011	375	3	271-275	http://dx.doi.org/10.1016/j.physleta.2010.11.005
253	Unified description of perturbation theory and band center anomaly in one-dimensional Anderson localization	Kang, Kai; Qin, Shaojing; Wang, Chullin	PHYSICS LETTERS A	2011	375	40	3529-3532	http://dx.doi.org/10.1016/j.physleta.2011.08.015
254	Unusual identities for QCD at tree-level	Bjerrum-Bohr, N. E. J.; Damgaard, Poul H.; Feng, Bo; Sondergaard, Thomas	XIV MEXICAN SCHOOL ON PARTICLES AND FIELDS	2011	287		12030	http://dx.doi.org/10.1088/1742-6596/287/1/012030
255	Violation of the first law of black hole thermodynamics in $f(T)$ gravity	Miao, Rong-Xin; Li, Miao; Miao, Yan-Gang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2011		11	33	http://dx.doi.org/10.1088/1475-7516/2011/11/033