

序号	论文名称	出版社名称	论文所在期刊的卷、期、页	论文作者	通讯作者
1.	Optical properties of Cd <sub>1-x</sub> Zn <sub>x</sub> S thin films for CuInGaSe <sub>2</sub> solar cell application	Materials Research Bulletin	(Oct, 45,(10) 1537	Z. Zhou, K. Zhao and F. Q. Huang	赵夔
2.	Towards the properties of long gamma-ray burst progenitors with Swift data	Monthly Notices of the Royal Astronomical Society	(Jan 21, 401,(3) 1465	X. H. Cui, E. W. Liang, H. J. Lv, B. B. Zhang and R. X. Xu	徐仁新
3.	Field theory at a Lifshitz point	Physics Letters B	(Jan 18, 683,(2-3) 108	B. Chen and Q. G. Huang	陈斌
4.	Isospin symmetry-breaking corrections for superallowed beta decay in relativistic RPA approaches	XVIII INTERNATIONAL SCHOOL ON NUCLEAR PHYSICS, NEUTRON PHYSICS AND APPLICATIONS	2010	Liang, Haozhao; Van Giai, Nguyen; Meng, Jie	孟杰
5.	Recoiled Proton Tagged Knockout Reaction for He-8	NUCLEAR PHYSICS TRENDS	2010	Ye, Y.; Cao, Z.; Xiao, J.; Jiang, D.; Zheng, T.; Hua, H.; Ge, Y.; Li, X.; Lou, J.; Li, Q.; Lv, L.; Qiao, R.; You, H.; Chen, R.; Sakurai, H.; Otsu, H.; Li, Z.; Nishimura, M.; Sakaguchi, S.; Baba, H.; Togano, Y.; Yoneda, K.; Li, C.; Wang, S.; Wang, H.; Li,	叶沿林
6.	Shell-Model Calculations of fp-shell Nuclei with Realistic	NUCLEAR PHYSICS TRENDS	2010	Qi, C.; Xu, F. R.	许甫荣

	NN Interactions				
7.	Enhanced Wet Etching of Patterned GaN with Heavy-Ion Implantation	INEC: 2010 3RD INTERNATIONAL NANOELECTRONICS CONFERENCE, VOLS 1 AND 2	2010	Gao, Yuan; Lan, Chune; Xue, Jianming; Yan, Sha; Wang, Yugang; Xu, Fujun; Shen, Bo	王宇钢
8.	Tuning for the first 9-cell TESLA cavity of PKU	Chinese Physics C	(Apr, 34,(4) 496	L. Yang, F. S. He, W. C. Xu, F. Zhu, X. Y. Lu and K. Zhao	赵夔
9.	Theoretical analysis of a new extraction system for a DUHOCAMIS operating in a high magnetic field	Chinese Physics C	(Nov, 34,(11) 1738	J. H. Wang, K. Zhu, W. J. Zhao and K. X. Liu	刘克新
10.	Study of separated function radio frequency quadrupoles accelerator	Chinese Physics C	(Apr, 34,(4) 502	Z. Wang, J. E. Chen, Y. R. Lu, Z. Y. Guo, X. Q. Yan, K. Zhu, M. L. Kang and J. X. Fang	王智
11.	Quark-clustering in cold quark matter	Chinese Physics C	(Sep, 34,(9) 1331	X. Y. Lai and R. X. Xu	徐仁新
12.	Polarization effect on the spin symmetry for anti-Lambda spectrum in O-16+(Lambda)over-bar system	Chinese Physics C	(Sep, 34,(9) 1425	C. Y. Song and J. M. Yao	孟杰
13.	Particle-number-conserving analysis of multiquasiparticle bands in Lu-177	Chinese Physics C	(Jan, 34,(1) 39	Z. H. Zhang, S. T. Qi, B. X. Sun, Y. A. Lei and J. Y. Zeng	雷亦安
14.	New planetary nebulae in the outskirts of the Andromeda	Research in Astronomy and Astrophysics	(Jul, 10,(7) 599	H. B. Yuan, X. W. Liu, Z. Y. Huo, H. H. Zhang, Y. H.	徐仁新

	Galaxy discovered with the Guoshoujing Telescope (LAMOST)			Zhao, J. J. Chen, Z. R. Bai, H. T. Zhang, H. W. Zhang, R. Garcia-Benito, M. S. Xiang, H. L. Yan, J. J. Ren, S. W. Sun, Y. Zhang, Y. P. Li, Q. S. Lu, Y. Wang, J. J. Ni and H. Wang	
15.	New background quasars in the vicinity of the Andromeda Galaxy discovered with the Guoshoujing Telescope (LAMOST)	Research in Astronomy and Astrophysics	(Jul, 10,(7) 612	Z. Y. Huo, X. W. Liu, H. B. Yuan, H. H. Zhang, Y. H. Zhao, J. J. Chen, Z. R. Bai, H. T. Zhang, H. W. Zhang, R. Garcia-Benito, M. S. Xiang, H. L. Yan, J. J. Ren, S. W. Sun, Y. Zhang, Y. P. Li, Q. S. Lu, Y. Wang, J. J. Ni and H. Wang	郭秋菊
16.	Nanofluidic diode generated by pH gradient inside track-etched conical nanopore	Radiation Measurements	(2009) Oct-Nov, 44,(9-10) 1119	L. Wang, W. Guo, Y. B. Xie, X. W. Wang, J. M. Xue and Y. G. Wang	薛建明
17.	Multi-modal analysis for low energy neutron-induced fission of U-231	Chinese Physics C	(Jan, 34,(1) 49	N. Zheng, T. S. Fan, Y. Ding, C. L. Zhong, X. Q. Li and J. X. Chen	樊铁栓
18.	Lie algebraic analysis and simulation of high-current pulsed beam transport in a	Chinese Physics C	(Jan, 34,(1) 134	Z. Zhang, G. J. Yang and J. Q. Lu	吕建钦

	solenoidal lens				
19.	Feasibility study on cross-section measurement of Gamma(1S) -> mu(+)mu(-) by using early CMS data	Chinese Physics C	(Aug, 34,(8) 1037	S. A. Guo, Z. Hu, S. J. Qian, Z. C. Yang and L. Liu	钱思进
20.	Dynamical study of the possible molecular state X(3872) with the s-channel one gluon exchange interaction	Chinese Physics C	(Aug, 34,(8) 1052	B. K. Wang, W. Z. Deng and X. L. Chen	邓卫真
21.	Design and study of a high-current 5-cell superconducting rf cavity	Chinese Physics C	(May, 34,(5) 601	Z. C. Liu, A. Nassiri and G. Waldschmidt	赵夔
22.	Analysis of the impacts of mechanical errors on the RF performance of a single spoke cavity	Chinese Physics C	(May, 34,(5) 576	Z. Y. Yao, X. Y. Lu, B. C. Zhang, S. W. Quan, F. S. He and K. Zhao	赵夔
23.	A thin film B-10 sample for measuring the atom number	Nuclear Science and Techniques	(Apr 20, 21,(2) 114	J. G. Zhang, H. Wu and G. H. Zhang	张国辉
24.	A pulse shape discrimination of CsI(Tl) crystal with He-6 beam	Nuclear Science and Techniques	(Feb, 21,(1) 35	J. Q. Faisal, J. L. Lou, Z. H. Li, Y. L. Ye, H. Hua, Y. S. Song, L. H. Lv, Z. X. Cao, J. Xiao, Q. T. Li and R. J. Chen	叶沿林
25.	Shape polarisation induced by g9/2 orbitals in A≈70-80 region	Nuclear Physics A	(2010),834(1-4),54C-57C	Y.Liu,F.R.Xu,S.J.Zheng, and Y.Shi	许甫荣

26.	time-energy properties of an attosecond extreme ultra-violet pulse	Chin.Phys.B	(2010),19(10),103302	Ge Yu-Cheng,He Hai-Ping	葛渝成
27.	parton distribution functions and nuclear EMC effect in a statistical model	Chinense Physics C	(2010),34(9),1417-1420	Shao Li-Jing,Zhang Yun-Hua,Ma Bo-Qiang	马伯强
28.	SWIFT J1749.4-2807:A neutron or quark star?	Research in Astron.Astrophys.	(2010),10(9),815-820	Jun-wei Yu,Ren xin Xu	徐仁新
29.	alfven seismic vibrations of crustal solid-state plasma in quaking paramagnetic neutron star	Physics of Plasmas	(2010),17(11),112114	S.Bastrukov,I.Molodtsova,J.Takata,H.-K.Chang,R.-X.Xu	徐仁新
30.	influence of the isovector-scaler channel interaction on neutron star matter with hyperons and antikaon condensation	Phys.Rev.C	(2010),82(5),055801	Guo-yun Shao,Yu-xin Liu	刘玉鑫
31.	evaluating the phase diagram at finite isospin and baryon chemical potentials in the Nambu-Jona-Lasinio model	Phys.Rev.D	(2010),82(5),056006	Chen-fu Mu,Lian-yi He,Yu-Xin Liu	刘玉鑫
32.	temperature dependence of the effective bag constant and the radius of a nucleon in the global color symmetry model of QCD	Phys.Rev.C	(2010),82(2),025206	Yuan Mo,Si-xue Qin ,Yu-xin Liu	刘玉鑫

33.	spin symmetry in dirac negative-energy spectrum in density-dependent relativistic hartree-fock theory	Eur.Phys.J.A	(2010),44,119-124	Haozhao Liang,Wen Hui Long,Jie Meng,Nguyen Van Giai	孟杰
34.	avoid the tsunami of the dirac sea in the imaginary time step method	Int.J.Mod.Phys.E	(2010),19(1),55-62	Ying Zhang,HaoZhao Liang,Jie Meng	孟杰
35.	new parametrization for the nuclear covariant energy density functional with a point-coupling interaction	Phys.Rev.C	(2010),82(5),054319	P.W.Zhao,Z.P.Li,J.M.Yao,J.M eng	孟杰
36.	octupole degree of freedom for the critical-point candidate nucleus $^{152}\text{Sm}$ in a reflection-asymmetric relativistic mean-field approach	Phys.Rev.C	(2010),81(3),034302	W.Zhang,Z.P.Li,S.Q.Zhang,J. Meng	张双全
37.	search for ring-like nuclei under extreme conditions	Chin.Phys.Lett.	(2010),27(10),102103	Zhang Wei,Liang Hao-Zhao,Zhang Shuang-Quan,Meng Jie	孟杰
38.	single-particle resonances in a deformed dirac equation	Phys.Rev.C	(2010),53(4),773-778	Z.P.Li,J.Meng,Y.Zhang,S.G.Z hou,L.N.Savushkin	孟杰
39.	microscopic description of spherical to $\gamma$ -soft shape transitions in Ba and Xe nuclei	Phys.Rev.C	(2010),81(3),034316	Z.P.Li,T.Niksic,D.Vretenar,J. Meng	孟杰
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42.	on holographic description of the Kerr-Newman-AdS-dS black holes	JHEP	(2010),08,065	Bin Chen,Jiang Long	陈斌
43.	hidden conformal symmetry of extremal black holes	Phys.Rev.D	(2010),82(10),104017	Bin Chen	陈斌
44.	self-dual warped AdS3 black holes	Phys.Rev.D	(2010),82(12),124027	Bin Chen,Bo Ning	陈斌
45.	lorentz invariance violation matrix from a general principle	Mod.Phys.Lett.A	(2010),25(29),2489-2499	Zhou Lingli,Bo-Qiang Ma	马伯强
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47.	first-digit law in nonextensive statistics	Phys.Rev.E	(2010),82(4),041110	Lijing Shao,Bo-Qiang Ma	马伯强
48.	eikonal equation of the Lorentz-violating Maxwell theory	Eur.Phys.J.C.	(2010),70,1153-1164	Zhi Xiao,Lijing Shao,Bo-Qiang Ma	马伯强
49.	a new simple form of quark mixing matrix	Phys.Lett.B	(2010),695,194-198	Nan Qin,Bo-Qiang Ma	马伯强
50.	probing the leading-twist	Phys.Rev.D	(2010),82(11),114022	Jiacai Zhu,Bo-Qiang Ma	马伯强

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51.	isospin symmetry breaking in the chiral quark model	Phys.Rev.D	(2010),82(11),113011	Huiying Song,Xinyu Zhang,Bo-Qiang Ma	马伯强
52.	dark matter model with non-Abelian gauge symmetry	Phys.Rev.D	(2010),82(7),075003	Hao Zhang,Chong Sheng Li	李重生
53.	next-to-leading order QCD corrections to a heavy resonance production and decay into top quark pair at the LHC	Phys.Rev.D	(2010),82(1),014020	Jun Gao,Chong Sheng Li,Bo Hua Li,Hua Xing Zhu	李重生
54.	next-to-leading order QCD corrections to the top quark decay via the flavor-changing neutral-current operators with mixing effects	Phys.Rev.D	(2010),82(7),073005	Jia Jun Zhang,Chong Sheng Li,Jun Gao,Hua Xing Zhu,C.-P.Yuan,Tzu-Chiang Yuan	李重生
55.	one-side forward-backward asymmetry in top quark pair production at the CERN Large Hadron Collider	Phys.Rev.D	(2010),82(9),094011	You-kai,Wang,Bo Xiao,Shou-hua Zhu	朱守华
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57.	the molecular systems composed of the charmed mesons in the HS-+h.c.doublet	Eur.Phys.J.C.	(2010),70,183-217	Lei-Lei Shen,Xiao-Lin Chen,Zhi-Gang Luo,Peng-Zhi Huang,Shi-Lin Zhu,Peng-Fei Yu,Xiang Liu	朱世琳
58.	Elastic scattering of ${}^6\text{He} + \text{p}$ at 82.3MeV/nucleon	Chin.Phys.Lett.	(2010),27,092501	FAISAL Jamil-Qureshi,LOU Jian-Ling,YE Yan-Lin,etc	楼建玲
59.	measurement of thoron gas in the environment using a Lucas scintillation cell	J.Radiol.Prot.	(2010),30(3),597-605	Lei Zhang,Jian Wu,Qiuju Guo,Weihai Zhuo	郭秋菊
60.	an instrument for measuring the unattached fraction of radon progeny with etched track detectors	J.Radiol.Prot.	(2010),30(3),607-612	Lei Zhang,Weihai Zhuo,Qiuju Guo,Lu Guo ,Bing Shang	郭秋菊
61.	measurement of the ${}^{212}\text{Pb}$ particle size distribution indoors	Radiation Protection Dosimetry	(2010),141(4),371-373	L.Zhang,Q.Guo,W.Zhuo	郭秋菊
62.	multi-quasiparticle excitation:extending shape coexistence in $A \sim 190$ neutron-deficient nuclei	Phys.Rev.C	(2010),82(4)044314	Yue Shi,F.R.Xu,H.L.Liu,P.M.Walke r	许甫荣
63.	annealing effects on the chemical deposited CdS films	Materials Research Bulletin	(2010), --	Junfeng Han,Cheng Liao,Tao Jiang,Ganhua	赵夔

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66.	shape evolutions in the neutron-rich Ru isotopes	Phys.Rev.C	(2010),82(1),014321	J.Q.Faisal,H.Hua,X.Q.Li,Y.Shi, F.R.Xu,H.L.Liu,Y.L.Ye,D.X.Jianguo	华辉
67.	mechanism and enhancement of photoluminescence from silicon nanocrystals implanted in SiO <sub>2</sub> matrix	Chin.Phys.B	(2010),19(9),097806	Wu Zhi-Yong,Liu Ke-Xin,Ren Xiao-Tang	刘克新
68.	study of depth-dependent tetragonal distortion of quaternary AlInGaN epilayer by Rutherford backscattering/channeling	Chin.Phys.B	(2010),19(8),087205	G.Husnain,Chen Tian-Xiang,Fa Tao,Yao Shu-De	姚淑德

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71.	Fluctuations and correlations of conserved charges in QCD at finite temperature with effective models	Physical Review D	(2010),81(1),014028	Wei-jie Fu,Yu-xin Liu, and Yue-Liang Wu	刘玉鑫
72.	Dyson-schwinger equations with a parametrized metric	Physical Review D	(2010),81(11),114022	Wei Yuan,Si-xue Qin,Huan Chen, and Yu-xin Liu	刘玉鑫
73.	Understanding nuclear shape phase transitions at the nucleon level with a boson mapping approach	Physics Letters B	(2010),688,298-304	Zhan-feng Hou,Yu Zhang, and Yu-xin Liu	刘玉鑫
74.	Recent Progress on the study of Dyson-schwinger equations approach description of phase transitions of strong interaction system	Nuclear Physics A	(2010),834,540-543	Yu-xin Liu,Lei Chang,Huan Chen,Wei Yuan, and Si-xue Qin	刘玉鑫
75.	Particle number scale invariant feature of the states around the critical point of the first order nuclear shape phase	Science in China series G	(2009),52,1579-1585	ZHANG Yu,HOU ZhanFeng & LIU YuXin	刘玉鑫

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76.	Statistical properties of E(5) and X(5) symmetries	Physical Review C	(2009),80(5),054308	Zhan-feng Hou,Yu Zhang, and Yu-xin Liu	刘玉鑫
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78.	The variable cosmological constant and dynamics of dark energy	Physics Letters B	(2009),680,199-204	Guo-yun Shao,Yu-xin Liu	刘玉鑫
79.	Upgrade of the extraction system of permanent magnet electron cyclotron resonance ion source	Review of Scientific instruments	(2010),81(2),02B715	M.Zhang,S.X.Peng,H.T.Ren, Z.Z.Song,Z.X.Yuan,Q.F.Zhou ,P.N.Lu,R.Xu,J.Zhao,J.X.Yu,J. E.Chen,Z.Y.Guo, and Y.R.Lu	彭士香
80.	Preliminary studies on space charge compensation by analyzing residual argon gas ion signals	Review of Scientific instruments	(2010),81(2),02B711	P.N.Lu,S.X.Peng,H.T.Ren,M. Zhang,Z.X.Yuan,Z.Z.song,J.Z hao,J.X.Yu,Y.J.Ma,R.Xu, and Z.Y.Guo	彭士香
81.	The deuteron injector progress of the Peking University neutron imaging facility project	Review of Scientific instruments	(2010),81(2),02B714	H.T.Ren,S.X.Peng,M.Zhang, Q.F.Zhou,Z.Z.Song,Z.X.Yuan ,P.N.Lu,R.Xu,J.Zhao,J.X.Yu,Y. R.Lu,Z.Y.Guo and J.E.Chen	彭士香
82.	Phase Transition in Neutron stars within modified quark-meson coupling model	Commun.Theor.Phys	(2008),50(1),180-186	MA Chang-Qun and GAO Chun-Yuan	高春媛
83.	Formation of the seed black	JCAP	(2010),05(028),1475-7516	X.Y.Lai and R.X.Xu	徐仁新

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84.	Strong and electromagnetic decays of the D-wave heavy mesons	Physical Review D	(2010),81(9),094025	Peng-Zhi Huang, and Liang Zhang, Shi-Lin Zhu	朱世琳
85.	Possible $J_{pc}=0^{--}$ charmoniumlike state	Physical Review D	(2010),81(10),105018	Wei Chen	朱世琳
86.	Light scalar meson $\sigma(600)$ in QCD sum rule with continuum	Physical Review D	(2010),81,114034	Hua-Xing Chen, Atsushi Hosaka, Hiroshi Toki, and Shi-Lin Zhu	朱世琳
87.	Microlensing pulsars	MNRAS	(2010),405,2754-2758	S.Dai, R.X.Xu and A.Esamdim	徐仁新
88.	Structural and magnetic properties of Co+ implanted n-GaN dilute magnetic semiconductors	Physica B:Condensed Matter	(2010),405,2340-2343	G.Husnain, Fa Tao, Yao Shu-De	姚淑德
89.	Ion irradiation induced bubble relaxation in SiC	Radiation Effects and Defects in Solids	(2010),165,388-395	Wei Hua, Shu-De Yao, N. David Theodore, Michael Martin, Assel Aitkaliyeva and Lin Shao	姚淑德
90.	Ion-irradiation-induced athermal annealing of helium bubbles in SiC	Nuclear Instruments and Methods in Physics Research Section B:Beam Interactions with Materials and Atoms	(2010),268,2325-2328	Wei Hua, Shu-De Yao, N. David Theodore, Xue-Mei Wang, Wei-Kan Chu, Michael Martin, Lin Shao	姚淑德
91.	Determination of tetragonal	Nuclear Instruments and	(2010),268,1871-1874	T.Fa, T.X.Chen, S.D.Yao	姚淑德

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92.	Numerical simulation for space charge dominated beam transport	Chin.Phys.B	(2010),19(3),032901	Lv Jian-Qin	吕建钦
93.	Real-time correlators and hidden conformal symmetry in the Kerr/CFT correspondence	JHEP	(2010),1006,018	Bin Chen and Jiang Long	陈斌
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95.	N=2 SCFTs:an M5-brane perspective	JHEP	(2010),04,078	Bin Chen,Eoin O Colgain,Jun-Bao Wu and Hossein Yavartanoo	陈斌
96.	Detecting light long-lived particle produced by cosmic ray	Physics Letters B	(2010),685,128-133	Peng-fei Yin,Shou-hua Zhu	朱守华
97.	Nonrelativistic QCD predictions of D-wave quarkonia 3DJ( $J=1,2,3$ )decay into light hadrons at order $\alpha_3 s$	Physical Review D	(2010),81,074032	Zhi-Guo He,Ying Fan,and Kuang-Ta Chao	赵光达
98.	Relativistic correction to $e^+e^- \rightarrow J/\psi + gg$ at B factories and constraint on color-octet matrix elements	Physical Review D	(2010),81,054036	Zhi-Guo He,Ying Fan,and Kuang-Ta Chao	赵光达

99.	Unitarity boomerangs of quark and lepton mixing matrices	Physics Letters B	(2010),691,37-45	Shi-Wen Li,Bo-Qiang Ma	马伯强
100.	The significant digit law in statistical physics	Physica A	(2010),389,3109-3116	Lijing Shao,Bo-Qiang Ma	马伯强
101.	Black holes and photons with entropic force	Chin.Phys.Lett.	(2010),27(7),070402	HE Xiao-Gang ,MA Bo-Qiang	马伯强
102.	Lorentz violation from cosmological objects with very high energy photon emissions	Astropart.Phys.	(2010),33,312-315	Lijing Shao,Zhi Xiao,Bo-Qiang Ma	马伯强
103.	Empirical mantissa distributions of pulsars	Astropart.Phys.	(2010),33,255-262	Lijing Shao,Bo-Qiang Ma	马伯强
104.	Characterization of plutonium in deep-sea sediments of the sulu and south china seas	J.of Environmental Radioactivity	(2010),101,622-629	Wei Dong,Jian Zheng,Qiuju Guo,Masatoshi Yamada,Shaoming Pan	郭秋菊
105.	Energy Harvesting with single-ion-selective nanopores: a concentration-gradient-driven nanofluidic power source	Advanced Functional Materials	(2010),20,1339-1344	Wei Guo,Liuxuan Cao,Junchao Xia,Fu-Qiang nie,Wen Ma,Jianming Xue,Yanlin Song,Daoben Zhu,Yugang Wang, and Lei Jiang	王宇钢