

序号	论文名称	期刊名称	收录类别	作者 (固定人员)	卷、期、页/章节	发表年份
1	Solution-Processed Cu ₉ S ₅ as a Hole Transport Layer for Efficient and Stable Perovskite Solar Cells	ACS APPLIED MATERIALS & INTERFACES	SCI 收录	Han, Dong; Wu, Cuncun; Zhang, Qaohui; Wei, Shiyuan; Qi, Xin; Zhao, Yunbiao; Chen, Yi; Chen, Yuhan; Xiao, Lixin; Zhao, Ziqiang	10(37),31535-31540	2018-9
2	Generating Sub-nanometer Pores in Single-Layer MoS ₂ by Heavy-Ion Bombardment for Gas Separation: A Theoretical Perspective	ACS APPLIED MATERIALS & INTERFACES	SCI 收录	Yin, Kedi; Huang, Shengxi; Chen, Xiaofei; Wang, Xinwei; Kong, Jing; Chen, Yan; Xue, Jianming	10(34),28909-28917	2018-8
3	Role of the X and n factors in ion-irradiation induced phase transformations of M(n+1)AX(n) phases	ACTA MATERIALIA	SCI 收录	Wang, Chenxu; Yang, Tengfei; Tracy, Cameron L.; Xiao, Jingren; Liu, Shaoshuai; Fang, Yuan; Yan, Zhanfeng; Ge, Wei; Xue, Jianming; Zhang, Jie; Wang, Jingyang; Huang, Qing; Ewing, Rodney C.; Wang, Yugang	144,432-446	2018-2

4	Study on the maximum stable output of a novel s-band micro-pulse electron gun	AIP ADVANCES	SCI 收录	Yang, Deyu; Li, Boting; Zhao, Jifei; Zhou, Kui; Yang, Ziqin; Tan, Weiwei; Yang, Yujia; Lu, Xiangyang	8(7),75313	2018-7
5	The generation of collimated gamma-ray pulse from the interaction between 10 PW laser and a narrow tube target	APPLIED PHYSICS LETTERS	SCI 收录	Yu, J. Q.; Hu, R. H.; Gong, Z.; Ting, A.; Najmudin, Z.; Wu, D.; Lu, H. Y.; Ma, W. J.; Yan, X. Q.	112(20),204103	2018-5
6	The study on the electrical resistivity of Cu/V multilayer films subjected to helium (He) ion irradiation	APPLIED SURFACE SCIENCE	SCI 收录	Wang, P. P.; Xu, C.; Fu, E. G.; Du, J. L.; Gao, Y.; Wang, X. J.; Qiu, Y. H.	440,396-402	2018-5
7	Calvera: A Low-mass Strangeon Star Torqued by Debris Disk?	ASTROPHYSICAL JOURNAL	SCI 收录	Li, Yunyang; Wang, Weiyang; Ge, Mingyu; Liu, Xiongwei; Tong, Hao; Xu, Renxin	854(2),165	2018-2
8	Direct synthesis of high-quality nitrogen-doped graphene via ion implantation	CARBON	SCI 收录	Zhao, Yunbiao; Wang, Xu; Fu, Engang; Han, Dong; Wang, Peipei; Wu, Zaoming; Chen, Yi; Chen, Yuhan; Zhao, Ziqiang	139,732-739	2018-11
9	Distinctive distributions and migrations of ²³⁹⁺²⁴⁰ Pu and Am-241 in Chinese forest, grassland and desert soils	CHEMOSPHERE	SCI 收录	Ni, Youyi; Wang, Zhongtang; Guo, Qiuju; Zheng, Jian; Li, Sixuan; Lin, Jinxian; Tan, Zhaoyi; Huang, Wenna	212,1002-1009	2018-12
10	A miniaturized 2.45 GHz ECR ion	CHINESE PHYSICS	SCI 收录	Wen, Jia-Mei; Peng,	27(5),55204	2018-5

	source at Peking University*	B		Shi-Xiang; Ren, Hai-Tao; Zhang, Tao; Zhang, Jing-Feng; Wu, Wen-Bin; Sun, Jiang; Guo, Zhi-Yu; Chen, Jia-Er		
11	Continuum effect in resonance spectra of neutron-rich oxygen isotopes	CHINESE PHYSICS C	SCI 收录	Dai, Si-Jie; Xu, Fu-Rong; Li, Jian-Guo; Hu, Bai-Shan; Sun, Zhong-Hao	42(11),114106	2018-11
12	Investigation of the near-threshold cluster resonance in C-14	CHINESE PHYSICS C	SCI 收录	Zang, Hong-Liang; Ye, Yan-Lin; Li, Zhi-Huan; Wang, Jian-Song; Lou, Jian-Ling; Li, Qi-Te; Ge, YU-Cheng; Yang, Xiao-Fei; Li, Jing; Jiang, Wei; Feng, Jun; Liu, Qiang; Yang, Biao; Chen, Zhi-Qiang; Liu, Yang; Wu, Hong-Yi; Niu, Chen-Yang; Li, Chen-Guang; Wang, Chun-Guang; Wang, Xiang; Liu, Wei; Gao, Jian; Yu, Han-Zhou; Ma, Jun-Bin; Ma, Peng; Bai, Zhen; Yang, Yan-Yun; Jin, Shi-Lun; Lu, Fei	42(7),74003	2018-7
13	Global analysis of Skyrme forces	CHINESE PHYSICS	SCI 收录	Zuo, Zhi-Wei; Pei,	42(6),64106	2018-6

	with higher-order density dependencies	C		Jun-Chen; Xiong, Xue-Yu; Zhu, Yi		
14	Measurement of $H \rightarrow \mu^+\mu^-$ production in association with a Z boson at the CEPC	CHINESE PHYSICS C	SCI 收录	Cui, Zhen-Wei; Li, Qiang; Li, Gang; Ruan, Man-Qi; Wang, Lei; Yang, Da-Neng	42(5),53001	2018-5
15	Testing the electroweak phase transition in scalar extension models at lepton colliders	CHINESE PHYSICS C	SCI 收录	Cao, Qing-Hong; Huang, Fa-Peng; Xie, Ke-Pan; Zhang, Xinmin	42(2),23103	2018-2
16	Leading order relativistic chiral nucleon-nucleon interaction	CHINESE PHYSICS C	SCI 收录	Ren, Xiu-Lei; Li, Kai-Wen; Geng, Li-Sheng; Long, Bingwei; Ring, Peter; Meng, Jie	42(1),14103	2018-1
17	Generating Proton Beams Exceeding 10 MeV Using High Contrast 60TW Laser	CHINESE PHYSICS LETTERS	SCI 收录	Geng, Yi-Xing; Qing-Liao; Shou, Yin-Ren; Zhu, Jun-Gao; Xu, Xiao-Han; Wu, Min-Jian; Wang, Peng-Jie; Li, Dong-Yu; Tong-Yang; Hu, Rong-Hao; Wang, Da-Hui; Zhao, Yan-Ying; Ma, Wen Jun; Lu, Hai-Yang; Yuan, Zhong-Xi; Chen-Lin; Yan, Xue-Qing	35(9),92901	2018-9
18	A New Measurement of Be-11(p,d) Transfer Reaction	CHINESE PHYSICS LETTERS	SCI 收录	Jiang, Ying; Lou, Jian-Ling; Ye, Yan-Lin; Pang,	35(8),82501	2018-8

				Dan-Yang; Chen, Jie; Li, Zhi-Huan; Ge, Yu-Cheng; Li, Jing; Sun, Wei Jiang-Ye-Lei; Zang, Hong-Liang; Zhang, Yun; Liu, Wei; Li, Gen; Aoi, N.; Ideguchi, E.; Ong, H. J.; Lee, J.; Wu, Jin; Liu, Hong-Na; Wen, Chao; Ayyad, Y.; Hatanaka, K.; Tran, D. T.; Yamamoto, T.; Tanaka, M.; Suzuki, T.; Nguyen, T. T.		
19	Successful Nitrogen Doping of 1.3 GHz Single Cell Superconducting Radio-Frequency Cavities	CHINESE PHYSICS LETTERS	SCI 收录	Chen, Shu; Hao, Jian-Kui; Lin, Lin; Zhu, Feng; Feng, Li-Wen; Wang, Fang; Xie, Hua-Mu; Guo, Xin; Chen, Meng; Quan, Sheng-Wen; Liu, Ke-Xin	35(3),37401	2018-3
20	Lorentz violation from gamma-ray burst neutrinos	COMMUNICATIONS PHYSICS	SCI 收录	Huang, Yanqi; Ma, Bo-Qiang	1,62	2018-10
21	Possible hadronic molecules composed of the doubly charmed baryon and nucleon	EUROPEAN PHYSICAL JOURNAL A	SCI 收录	Meng, Lu; Li, Ning; Zhu, Shi-Lin	54(9),143	2018-9
22	Light speed variation from gamma ray bursts: criteria for low energy photons	EUROPEAN PHYSICAL JOURNAL C	SCI 收录	Liu, Yue; Ma, Bo-Qiang	78(10),825	2018-10
23	A new decay mode of higher	EUROPEAN	SCI 收录	Xiao, Li-Ye; Weng,	78(7),605	2018-7

	charmonium	PHYSICAL JOURNAL C		Xin-Zhen; Lu, Qi-Fang; Zhong, Xian-Hui; Zhu, Shi-Lin		
24	New insights on low energy pi N scattering amplitudes	EUROPEAN PHYSICAL JOURNAL C	SCI 收录	Wang, Yu-Fei; Yao, De-Liang; Zheng, Han-Qing	78(7),543	2018-7
25	The Z(c)(3900) peak does not come from the "triangle singularity"	EUROPEAN PHYSICAL JOURNAL C	SCI 收录	Gong, Qin-Rong; Pang, Jing-Long; Wang, Yu-Fei; Zheng, Han-Qing	78(4),276	2018-3
26	Goldstone modes in renormalizable supersymmetric SO(10) model	EUROPEAN PHYSICAL JOURNAL C	SCI 收录	Bai, Xian-Zheng; Zhang, Da-Xin	78(3),228	2018-3
27	Mechanisms for the free volume tuning the mechanical properties of metallic glass through ion irradiation	INTERMETALLICS	SCI 收录	Qiu, Y. H.; Xu, C.; Fu, E. G.; Wang, P. P.; Du, J. L.; Hu, Z. Y.; Yan, X. Q.; Cao, X. Z.; Wang, Y. G.; Shao, L.	101,173-178	2018-10
28	Origin of fermion generations from extended noncommutative geometry	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	SCI 收录	Yu, Hefu; Ma, Bo-Qiang	33(29),1850168	2018-10
29	Beam dynamics pre-design with KONUS principle for the DTL of SPPC p-Linac	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	SCI 收录	Liu, Jing; Li, Haipeng; Lu, Yuanrong; Su, Jianchang; Liu, Xiaolong; Fu, Qi	33(11),1850062	2018-4
30	Beam dynamics pre-study for the RFQ of SPPC p-Linac	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	SCI 收录	Liu, Jing; Lu, Yuanrong; Li, Haipeng; Su, Jianchang; Liu, Xiaolong	33(4),1850029	2018-2
31	Beam dynamics design for a	INTERNATIONAL	SCI 收录	Li, Haipeng; Gan,	27(4),1850031	2018-4

	compact accelerator-driven neutron source	JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS		Pingping; Fu, Qi; Tan, Qiuyun; Lu, Yuanrong; Wang, Zhi; Zhu, Kun; Easton, Matt		
32	Bilayer nanoporous copper films with various morphology features synthesized by one-step dealloying	JOURNAL OF ALLOYS AND COMPOUNDS	SCI 收录	Hu, Z. Y.; Wang, P. P.; Fu, E. G.; Wang, X. J.; Yan, X. Q.; Xu, P.; Wu, Z. M.; Zhao, Y. B.; Liang, Y. X.	754,26-31	2018-7
33	Mechanical properties of 6H-SiC irradiated by neutron and MeV heavy ions: A nanoindentation and finite element method study	JOURNAL OF APPLIED PHYSICS	SCI 收录	Chen, Xiaofei; Zhou, Wei; Zhang, Xuxin; Feng, Qijie; Zheng, Jian; Liu, Xiankun; Tang, Bin; Li, Jiangbo; Xue, Jianming; Peng, Shuming	123(2),25104	2018-1
34	Regularity of high energy photon events from gamma ray bursts	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	SCI 收录	Xu, Haowei; Ma, Bo-Qiang	1,50	2018-1
35	J/ polarization in the CGC plus NRQCD approach	JOURNAL OF HIGH ENERGY PHYSICS	SCI 收录	Ma, YQ; Stebel, T; Venugopalan, R	12,057	2018-12
36	Einstein-Gauss-Bonnet black rings at large D	JOURNAL OF HIGH ENERGY PHYSICS	SCI 收录	Chen, Bin; Li, Peng-Cheng; Zhang, Cheng-Yong	7,67	2018-7
37	Holographic subregion complexity under a thermal quench	JOURNAL OF HIGH ENERGY PHYSICS	SCI 收录	Chen, Bin; Li, Wen-Ming; Yang, Run-Qiu; Zhang, Cheng-Yong; Zhang, Shao-Jun	7,34	2018-7
38	The next-to-next-to-leading order soft function for top quark pair	JOURNAL OF HIGH ENERGY PHYSICS	SCI 收录	Wang, Guoxing; Xu, Xiaofeng; Yang, Li	6,13	2018-6

	production			Lin; Zhu, Hua Xing		
39	Holographic mutual information of two disjoint spheres	JOURNAL OF HIGH ENERGY PHYSICS	SCI 收录	Chen, Bin; Fan, Zhong-Ying; Li, Wen-Ming; Zhang, Cheng-Yong	4,113	2018-4
40	Probing the dark sector through mono-Z boson leptonic decays	JOURNAL OF HIGH ENERGY PHYSICS	SCI 收录	Yang, Daneng; Li, Qiang	2,90	2018-2
41	CW RFQ design and investigation for multi-charge-state acceleration of radioactive beams from BISOL	JOURNAL OF INSTRUMENTATION	SCI 收录	Gan, P. P.; Li, H. P.; Wang, Z.; Zhu, K.; Fu, Q.; Tan, Q. Y.; Peng, Z. H.; Lu, Y. R.	13,T08002	2018-8
42	Theoretical study on the laser-driven ion-beam trace probe in toroidal devices with large poloidal magnetic field	JOURNAL OF INSTRUMENTATION	SCI 收录	Yang, X.; Xiao, C.; Chen, Y.; Xu, T.; Yu, Y.; Xu, M.; Wang, L.; Wang, X.; Lin, C.	13,C03034	2018-3
43	Facial and meridional isomers of holmium-nitrate N-tert-butylacetamide complexes	JOURNAL OF MOLECULAR STRUCTURE	SCI 收录	Chang, Ye-Di; Xue, Jun-Hui; Kang, Xiao-Yan; Yang, Li-Min; Li, Wei-Hong; Xu, Yi-Zhuang; Zhao, Guo-Zhong; Zhang, Gao-Hui; Liu, Ke-Xin; Chen, Jia-Er; Wu, Jin-Guang	1161,138-144	2018-6
44	He behavior in Ni and Ni-based equiatomic solid solution alloy	JOURNAL OF NUCLEAR MATERIALS	SCI 收录	Yan, Zhanfeng; Liu, Shaoshuai; Xia, Songqin; Zhang, Yong; Wang, Yugang; Yang, Tengfei	505,200-206	2018-7
45	H -> e(+)e(-) at the CEPC: initial state radiation effect with MadGraph	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	SCI 收录	Chen, Cheng; Cui, Zhenwei; Li, Gang; Li, Qiang; Ruan, Manqi; Wang, Lei; Yan,	45(1),15004	2018-1

				Qi-shu		
46	Comparisons of soil pretreatment methods for SF-ICP-MS determination of ultra-trace level plutonium in water soluble and exchangeable fractions	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	SCI 收录	Ni, Youyi; Zheng, Jian; Guo, Qiuju; Wang, Hai; Tagami, Keiko; Uchida, Shigeo	315(3),643-651	2018-3
47	Ion Irradiation-Enhanced Raman Scattering on Nanoporous Copper	LANGMUIR	SCI 收录	Hu, Zhaoyi; Wang, Jing; Li, Rui; Xu, Chuan; Liu, Xiongjun; Wang, Yugang; Fu, Engang; Lu, Zhaoping	34(43),13041-13046	2018-10
48	Deformation mechanisms of Al0.1CoCrFeNi high entropy alloy at ambient and cryogenic temperatures	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	SCI 收录	Xia, Songqin; Zhang, Yong	733,408-413	2018-8
49	A novel approach to extracting hardness of copper/niobium (Cu/Nb) multilayer films by removing the substrate effect	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	SCI 收录	Qiu, Y. H.; Bai, Q.; Fu, E. G.; Wang, P. P.; Du, J. L.; Chen, X. F.; Xue, J. M.; Wang, Y. G.; Wang, X. J.	724,60-68	2018-5
50	Effect of Ball Milling Parameters on the Refinement of Tungsten Powder	METALS	SCI 收录	Wu, Zaoming; Liang, Yanxia; Fu, Engang; Du, Jinlong; Wang, Peipei; Fan, Yong; Zhao, Yunbiao	8(4),281	2018-4
51	A coupled effect of dehydration	NANOSCALE	SCI 收录	Wang, Mao; Shen,	10(39),18821-18828	2018-10

	and electrostatic interactions on selective ion transport through charged nanochannels			Wenhao; Ding, Siyuan; Wang, Xue; Wang, Zhong; Wang, Yugang; Liu, Feng		
52	High electrocatalytic performance inspired by crystalline/amorphous interface in PtPb nanoplate	NANOSCALE	SCI 收录	Liang, Yanxia; Sun, Yingjun; Wang, Xinyu; Fu, Engang; Zhang, Jian; Du, Jinlong; Wen, Xiaodong; Guo, Shaojun	10(24),11357-11364	2018-6
53	Radiation tolerance of La-doped nanocrystalline steel under heavy-ion irradiation at different temperatures	NANOTECHNOLOGY	SCI 收录	Fang, Yuan; Ge, Wei; Yang, Tengfei; Du, Congcong; Wang, Chenxu; Liu, Shaoshuai; Lu, Youping; Yan, Zhanfeng; Liu, Haocheng; Liu, Feng; Yang, Gen; Shen, Tongde; Wang, Yugang	29(49),494001	2018-12
54	Ultrafast ion sieving using nanoporous polymeric membranes	NATURE COMMUNICATIONS	SCI 收录	Wang, Pengfei; Wang, Mao; Liu, Feng; Ding, Siyuan; Wang, Xue; Du, Guanghua; Liu, Jie; Apel, Pavel; Kluth, Patrick; Trautmann, Christina; Wang, Yugang	9,569	2018-2
55	The baryon loading effect on relativistic astrophysical jet transport in the interstellar	NEW JOURNAL OF PHYSICS	SCI 收录	Yao, W. P.; Qiao, B.; Xu, Z.; Zhang, H.; Zhao, Z. H.; Chang,	20,53060	2018-5

	medium			H. X.; Zhou, C. T.; Zhu, S. P.; He, X. T.		
56	Ideal MHD stability and characteristics of edge localized modes on CFETR	NUCLEAR FUSION	SCI 收录	Li, Ze-Yu; Chan, V. S.; Zhu, Yi-Ren; Jian, Xiang; Chen, Jia-Le; Cheng, Shi-Kui; Zhu, Ping; Xu, Xue-Qiao; Xia, Tian-Yang; Li, Guo-Qiang; Lao, L. L.; Snyder, P. B.; Wang, Xiao-Gang	58(1),16018	2018-1
57	Beam dynamics design and irradiation experiment of beam loss for a CW 100-mA proton RFQ	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	SCI 收录	Fu, Qi; Jia, Fangjian; Gan, Pingping; Zhu, Kun; Wang, Zhi; Easton, Matthew Joseph; Lu, Yuanrong; He, Yuan; Wang, Zhijun	905,1-11	2018-10
58	Investigation of the thickness non-uniformity of the very thin silicon-strip detectors	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	SCI 收录	Liu, Qiang; Ye, Yanlin; Li, Zhihuan; Lin, Chengjian; Jia, Huiming; Ge, Yucheng; Li, Qite; Lou, Jianling; Yang, Xiaofei; Yang, Biao; Feng, Jun; Zang, Hongliang; Chen, Zhiqiang; Liu, Yang; Liu, Wei; Chen,	897,100-105	2018-7

				Sidong; Yu, Hanzhou; Li, Jingjing; Zhang, Yun; Yang, Feng; Yang, Lei; Ma, Nanru; Sun, Lijie; Wang, Dongxi		
59	Neutron field measurement at the Experimental Advanced Superconducting Tokamak using a Bonner sphere spectrometer	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	SCI 收录	Hu, Zhimeng; Zhong, Guoqiang; Ge, Lijian; Du, Tengfei; Peng, Xingyu; Chen, Zhongjing; Xie, Xufei; Yuan, Xi; Zhang, Yimo; Sun, Jiaqi; Fan, Tieshuan; Zhou, Ruijie; Xiao, Min; Li, Kai; Hu, Liquan; Chen, Jun; Zhang, Hui; Gorini, Giuseppe; Nocente, Massimo; Tardocchi, Marco; Li, Xiangqing; Chen, Jinxiang; Zhang, Guohui	895,100-106	2018-7
60	Simulation of the neutron response matrix of an EJ309 liquid scintillator	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED	SCI 收录	Bai, Huaiyong; Wang, Zhimin; Zhang, Luyu; Jiang, Haoyu; Lu, Yi; Chen, Jinxiang; Zhang, Guohui	886,109-118	2018-4

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61	2.5 MeV CW 4-vane RFQ accelerator design for BNCT applications	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	SCI 收录	Zhu, Xiaowen; Wang, Hu; Lu, Yuanrong; Wang, Zhi; Zhu, Kun; Zou, Yubin; Guo, Zhiyu	883,57-74	2018-3
62	Monitoring C-14 contamination in Chinese research vessels with swipe tests	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	SCI 收录	Gao, P; Qian, N; Zhou, LP; Liu, KX; Xu, XM	437,110-115	2018-12
63	Goldstone modes and Clebsch-Gordan coefficients	NUCLEAR PHYSICS B	SCI 收录	Bai, Xian-Zheng; Yang, Deshan; Zhang, Da-Xin	937,214-225	2018-12
64	Nuclear clustering in light neutron-rich nuclei	NUCLEAR SCIENCE AND TECHNIQUES	SCI 收录	Liu, Yang; Ye, Yan-Lin	29(12),184	2018-12
65	Detailed study of RF properties of cold models for CW window-type RFQ	NUCLEAR SCIENCE AND TECHNIQUES	SCI 收录	Fu, Qi; Zhu, Kun; Lu, Yuan-Rong; Wang, Zhi; Gao, Shu-Li; Jia, Fang-Jian; He, Yuan	29(11),157	2018-11
66	Performance of a small AT-TPC prototype	NUCLEAR SCIENCE AND TECHNIQUES	SCI 收录	Xu, Jin-Yan; Li, Qi-Te; Ye, Yan-Lin; Gao, Jian; Han, Jia-Xing;	29(7),97	2018-7

				Bai, Shi-Wei; Ng, Ka-Hou		
67	Analytical model and simulation of the Schottky effect on a cryo-cooled bialkali photocathode	NUCLEAR SCIENCE AND TECHNIQUES	SCI 收录	Xie, Hua-Mu; Wang, Er-Dong; Liu, Ke-Xin	29(5),71	2018-5
68	Two-dimensional collective Hamiltonian for chiral and wobbling modes. II. Electromagnetic transitions	PHYSICAL REVIEW C	SCI 收录	Wu, X. H.; Chen, Q. B.; Zhao, P. W.; Zhang, S. Q.; Meng, J.	98(6),64302	2018-12
69	Spectra and flow of light nuclei in relativistic heavy ion collisions at energies available at the BNL Relativistic Heavy Ion Collider and at the CERN Large Hadron Collider	PHYSICAL REVIEW C	SCI 收录	Zhao, Wenbin; Zhu, Lilin; Zheng, Hua; Ko, Che Ming; Song, Huichao	98(5),54905	2018-11
70	Relativistic Brueckner-Hartree-Fock theory in nuclear matter without the average momentum approximation	PHYSICAL REVIEW C	SCI 收录	Tong, Hui; Ren, Xiu-Lei; Ring, Peter; Shen, Shi-Hang; Wang, Si-Bo; Meng, Jie	98(5),54302	2018-11
71	Gogny-force-derived effective shell-model Hamiltonian	PHYSICAL REVIEW C	SCI 收录	Jiang, W. G.; Hu, B. S.; Sun, Z. H.; Xu, F. R.	98(4),44320	2018-10
72	Low-lying states in Be-12 using one-neutron transfer reaction	PHYSICAL REVIEW C	SCI 收录	Chen, J.; Lou, J. L.; Ye, Y. L.; Li, Z. H.; Pang, D. Y.; Yuan, C. X.; Ge, Y. C.; Li, Q. T.; Hua, H.; Jiang, D. X.; Yang, X. F.; Xu, F. R.; Pei, J. C.; Li, J.; Jiang, W.; Sun, Y. L.; Zang, H. L.; Zhang, Y.; Li, G.; Aoi, N.; Ideguchi,	98(1),14616	2018-7

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73	Nuclear EMC effect through (Lambda)over-bar/Lambda production in semi-inclusive deep-inelastic scattering processes Chang	PHYSICAL REVIEW C	SCI 收录	Gong, Chang; Ma, Bo-Qiang	97(6),65207	2018-6
74	Magnetic rotations in Pb-198 and Pb-199 within covariant density functional theory with pairing correlations	PHYSICAL REVIEW C	SCI 收录	Wang, Y. K.	97(6),64321	2018-6
75	Relativistic Brueckner-Hartree-Fock theory for neutron drops	PHYSICAL REVIEW C	SCI 收录	Shen, Shihang; Liang, Haozhao; Meng, Jie; Ring, Peter; Zhang, Shuangquan	97(5),54312	2018-5
76	Chiral NNLOsat descriptions of nuclear multipole resonances within the random-phase approximation	PHYSICAL REVIEW C	SCI 收录	Wu, Q.; Hu, B. S.; Xu, F. R.; Ma, Y. Z.; Dai, S. J.; Sun, Z. H.; Jansen, G. R.	97(5),54306	2018-5
77	Investigating the large deformation of the 5/2(+) isomeric state in Zn-73: An indicator for triaxiality	PHYSICAL REVIEW C	SCI 收录	Yang, X. F.; Tsunoda, Y.; Babcock, C.; Billowes, J.; Bissell, M. L.; Blaum, K.; Cheal, B.; Flanagan, K. T.; Ruiz, R. F. Garcia; Gins, W.; Gorges, C.; Grob, L. K.; Heylen, H.;	97(4),44324	2018-4

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78	Three-level mixing model for nuclear chiral rotation: Role of the planar component	PHYSICAL REVIEW C	SCI 收录	Chen, Q. B.; Starosta, K.; Koike, T.	97(4),41303	2018-4
79	Spectroscopic study of the possibly triaxial transitional nucleus Ge-75	PHYSICAL REVIEW C	SCI 收录	Niu, C. Y.; Dai, A. C.; Xu, C.; Hua, H.; Zhang, S. Q.; Wang, S. Y.; Bark, R. A.; Meng, J.; Wang, C. G.; Wu, X. G.; Li, X. Q.; Li, Z. H.; Wyngaardt, S. M.; Zang, H. L.; Chen, Z. Q.; Wu, H. Y.; Xu, F. R.; Ye, Y. L.; Jiang, D. X.; Han, R.; Li, C. G.; Chen, X. C.; Liu, Q.; Feng, J.; Yang, B.; Li, Z. H.; Wang, S.; Sun, D. P.; Liu, C.; Li, Z. Q.; Zhang, N. B.; Guo, R. J.; Li, G. S.; He, C. Y.; Zheng, Y.; Li, C.	97(3),34322	2018-3

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80	psi(2S) versus J/psi suppression in proton-nucleus collisions from factorization violating soft color exchanges	PHYSICAL REVIEW C	SCI 收录	Ma, Yan-Qing; Venugopalan, Raju; Watanabe, Kazuhiro; Zhang, Hong-Fei	97(1),14909	2018-1
81	Noncritical fluctuations of (net) charges and (net) protons from the iEBE-VISHNU hybrid model	PHYSICAL REVIEW C	SCI 收录	Li, Jixing; Xu, Hao-jie; Song, Huichao	97(1),14902	2018-1
82	Magnetic moments of the spin-3/2 singly heavy baryons	PHYSICAL REVIEW D	SCI 收录	Meng, Lu; Wang, Guang-Juan; Leng, Chang-Zhi; Liu, Zhan-Wei; Zhu, Shi-Lin	98(9),94013	2018-11
83	Entanglement entropy in T(T)over-bar-deformed CFT	PHYSICAL REVIEW D	SCI 收录	Chen, Bin; Chen, Lin; Hao, Peng-xiang	98(8),86025	2018-10
84	Event engineering studies for heavy flavor production and	PHYSICAL REVIEW D	SCI 收录	Ma, Yan-Qing; Tribedy, Prithwish;	98(7),74025	2018-10

	hadronization in high multiplicity hadron-hadron and hadron-nucleus collisions			Venugopalan, Raju; Watanabe, Kazuhiro		
85	Extracting parton distribution functions from lattice QCD calculations	PHYSICAL REVIEW D	SCI 收录	Ma, Yan-Qing; Qiu, Jian-Wei	98(7),74021	2018-10
86	Transverse momentum resummation for t-channel single top quark production at the LHC	PHYSICAL REVIEW D	SCI 收录	Cao, Qing-Hong; Sun, Peng; Yan, Bin; Yuan, C-P; Yuan, Feng	98(5),54032	2018-9
87	Magnetic moments of the spin-1/2 singly charmed baryons in chiral perturbation theory	PHYSICAL REVIEW D	SCI 收录	Wang, Guang-Juan; Meng, Lu; Li, Hao-Song; Liu, Zhan-Wei; Zhu, Shi-Lin	98(5),54026	2018-9
88	Quark-antiquark asymmetry of helicity distributions in the nucleon sea	PHYSICAL REVIEW D	SCI 收录	Liu, Mengyun; Ma, Bo-Qiang	98(3),36024	2018-8
89	Possible interpretation of the newly observed Omega(2012) state	PHYSICAL REVIEW D	SCI 收录	Xiao, Li-Ye; Zhong, Xian-Hui	98(3),34004	2018-8
90	Searching for weak singlet charged scalar at the Large Hadron Collider	PHYSICAL REVIEW D	SCI 收录	Cao, Qing-Hong; Li, Gang; Xie, Ke-Pan; Zhang, Jue	97(11),115036	2018-6
91	Strong decays of the 1 Λ and 2 Λ and 2 Σ doubly charmed states	PHYSICAL REVIEW D	SCI 收录	Xiao, Li-Ye; Lu, Qi-Fang; Zhu, Shi-Lin	97(7),74005	2018-4
92	Temperature effect on shear and bulk viscosities of QCD matter	PHYSICAL REVIEW D	SCI 收录	Gao, Fei; Liu, Yu-xin	97(5),56011	2018-3
93	Masses of doubly heavy-quark baryons in an extended chromomagnetic model	PHYSICAL REVIEW D	SCI 收录	Weng, Xin-Zhen; Chen, Xiao-Lin; Deng, Wei-Zhen	97(5),54008	2018-3
94	Double parton scattering of weak	PHYSICAL REVIEW	SCI 收录	Cao, Qing-Hong; Liu,	97(3),35013	2018-2

	gauge boson productions at the 13 TeV and 100 TeV proton-proton colliders	D		Yandong; Xie, Ke-Pan; Yan, Bin		
95	Locating the Gribov horizon	PHYSICAL REVIEW D	SCI 收录	Gao, Fei; Qin, Si-Xue; Roberts, Craig D.; Rodriguez-Quintero, Jose	97(3),34010	2018-2
96	Greybody factors for a spherically symmetric Einstein-Gauss-Bonnet-de Sitter black hole	PHYSICAL REVIEW D	SCI 收录	Zhang, Cheng-Yong; Li, Peng-Cheng; Chen, Bin	97(4),44013	2018-2
97	Revisiting the equation of state of hybrid stars in the Dyson-Schwinger equation approach to QCD	PHYSICAL REVIEW D	SCI 收录	Bai, Zhan; Chen, Huan; Liu, Yu-xin	97(2),23018	2018-1
98	Novel Soft-Pion Theorem for Long-Range Nuclear Parity Violation	PHYSICAL REVIEW LETTERS	SCI 收录	Feng, Xu; Guo, Feng-Kun; Seng, Chien-Yeah	120(18),181801	2018-5
99	Exploring Partonic Structure of Hadrons Using ab initio Lattice QCD Calculations	PHYSICAL REVIEW LETTERS	SCI 收录	Ma, Yan-Qing; Qiu, Jian-Wei	120(2),22003	2018-1
100	Chiral geometry and rotational structure for Cs-130 in the projected shell model	PHYSICS LETTERS B	SCI 收录	Chen, F. Q.; Meng, J.; Zhang, S. Q.	785,211-216	2018-10
101	Pion-nucleon sigma term revisited in covariant baryon chiral perturbation theory	PHYSICS LETTERS B	SCI 收录	Ren, Xiu-Lei; Ling, Xi-Zhe; Geng, Li-Sheng	783,7-12	2018-8
102	A new measurement of the intruder configuration in Be-12	PHYSICS LETTERS B	SCI 收录	Chen, J.; Lou, J. L.; Ye, Y. L.; Li, Z. H.; Pang, D. Y.; Yuan, C. X.; Ge, Y. C.; Li, Q. T.; Hua, H.; Jiang, D. X.;	781,412-416	2018-6

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103	Spin symmetry in the Dirac sea derived from the bare nucleon-nucleon interaction	PHYSICS LETTERS B	SCI 收录	Shen, Shihang; Liang, Haozhao; Meng, Jie; Ring, Peter; Zhang, Shuangquan	781,227-231	2018-6
104	Hydrodynamic collectivity in proton-proton collisions at 13 TeV	PHYSICS LETTERS B	SCI 收录	Zhao, Wenbin; Zhou, You; Xu, Hao-jie; Deng, Weitian; Song, Huichao	780,495-500	2018-5
105	New class of two-loop neutrino mass models with distinguishable phenomenology	PHYSICS LETTERS B	SCI 收录	Cao, Qing-Hong; Chen, Shao-Long; Ma, Ernest; Yan, Bin; Zhang, Dong-Ming	779,430-435	2018-4
106	A systematic and efficient method to compute multi-loop master integrals	PHYSICS LETTERS B	SCI 收录	Liu, Xiao; Ma, Yan-Qing; Wang, Chen-Yu	779,353-357	2018-4
107	Effects of tensor forces in nuclear spin-orbit splittings from ab initio calculations	PHYSICS LETTERS B	SCI 收录	Shen, Shihang; Liang, Haozhao; Meng, Jie; Ring, Peter; Zhang, Shuangquan	778,344-348	2018-3
108	Radiative decays of the doubly charmed baryons in chiral	PHYSICS LETTERS B	SCI 收录	Li, Hao-Song; Meng, Lu; Liu, Zhan-Wei;	777,169-176	2018-2

	perturbation theory			Zhu, Shi-Lin		
109	Unitarity Analyses of π N Elastic Scattering Amplitudes	PHYSICS OF PARTICLES AND NUCLEI LETTERS	SCI 收录	Wang, Y. F.	15(4),434-437	2018-7
110	Linear analyses of peeling-ballooning modes in high beta pedestal plasmas	PHYSICS OF PLASMAS	SCI 收录	Sun, C. K.; Xu, X. Q.; Ma, C. H.; Li, B.	25(8),82106	2018-8
111	Kinetic ballooning mode under steep gradient: High order eigenstates and mode structure parity transition	PHYSICS OF PLASMAS	SCI 收录	Xie, Hua-Sheng; Lu, Zhi-Xin; Li, Bo	25(7),72106	2018-7
112	Enhanced laser proton acceleration by target ablation on a femtosecond laser system	PHYSICS OF PLASMAS	SCI 收录	Liao, Q.; Wu, M. J.; Gong, Z.; Geng, Y. X.; Xu, X. H.; Li, D. Y.; Shou, Y. R.; Zhu, J. G.; Li, C. C.; Yang, M.; Li, T. S.; Lu, H. Y.; Ma, W. J.; Zhao, Y. Y.; Lin, C.; Yan, X. Q.	25(6),63109	2018-6
113	Impact of bootstrap current and Landau-fluid closure on ELM crashes and transport	PHYSICS OF PLASMAS	SCI 收录	Chen, J. G.; Xu, X. Q.; Ma, C. H.; Lei, Y. A.	25(5),50701	2018-5
114	Intense single attosecond pulse generation from near-critical-density plasmas irradiated by a few-cycle laser pulse	PHYSICS OF PLASMAS	SCI 收录	Zhang, Y. X.; Qiao, B.; Xu, X. R.; Chang, H. X.; Yu, M. Y.; Zhong, C. L.; Zhou, C. T.; Zhu, S. P.; He, X. T.	25(2),23302	2018-2
115	The dynamics and Lorentz transformation of magnetic nulls	PHYSICS OF PLASMAS	SCI 收录	Yang, Shu-Di; Wang, Xiao-Gang	25(1),12903	2018-1
116	Description of nonideal Lorentz transformation for electromagnetic	PHYSICS OF PLASMAS	SCI 收录	Yang, Shu-Di; Wang, Xiao-Gang	25(1),12904	2018-1

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117	Shaping of ion energy spectrum due to ionization in ion acceleration driven by an ultra-short pulse laser	PLASMA PHYSICS AND CONTROLLED FUSION	SCI 收录	Yu, J. Q.; Ma, W. J.; Lin, C.; Yan, X. Q.	60(11),115007	2018-11
118	Neutron emission spectroscopy measurements with a compact liquid scintillation detector for NBI-heated plasma at EAST	PLASMA PHYSICS AND CONTROLLED FUSION	SCI 收录	Ge, L. J.; Hu, Z. M.; Zhang, Y. M.; Sun, J. Q.; Yuan, X.; Peng, X. Y.; Chen, Z. J.; Du, T. F.; Gorini, G.; Nocente, M.; Tardocchi, M.; Hu, L. Q.; Zhong, G. Q.; Lin, S. Y.; Wan, B. N.; Li, X. Q.; Zhang, G. H.; Chen, J. X.; Fan, T. S.	60(9),95004	2018-9
119	Coherent synchrotron emission in transmission with double foil target	PLASMA PHYSICS AND CONTROLLED FUSION	SCI 收录	Xu, X. R.; Qiao, B.; Chang, H. X.; Zhang, Y. X.; Zhang, H.; Zhong, C. L.; Zhou, C. T.; Zhu, S. P.; He, X. T.	60(4),45005	2018-4
120	Brilliant GeV gamma-ray flash from inverse Compton scattering in the QED regime	PLASMA PHYSICS AND CONTROLLED FUSION	SCI 收录	Gong, Z.; Hu, R. H.; Lu, H. Y.; Yu, J. Q.; Wang, D. H.; Fu, E. G.; Chen, C. E.; He, X. T.; Yan, X. Q.	60(4),44004	2018-4
121	Phase dynamics of edge transport bifurcation induced by external biasing	PLASMA PHYSICS AND CONTROLLED FUSION	SCI 收录	Li, B.; Wang, X. Y.; Xie, Z. J.; Li, P. F.; Gentle, K. W.	60(2),24001	2018-2
122	The ball to powder ratio (BPR) dependent morphology and microstructure of tungsten powder	POWDER TECHNOLOGY	SCI 收录	Wu, Z. M.; Liang, Y. X.; Fan, Y.; Wang, P. P.; Du, J. L.; Zhao, Y.	339,256-263	2018-11

	refined by ball milling			B.; Fu, E. G.		
123	The process and mechanisms for the transformation of coarse grain to nanoscale grain in tungsten by ball milling	POWDER TECHNOLOGY	SCI 收录	Wu, Z. M.; Liang, Y. X.; Fu, E. G.; Du, J. L.; Wang, P. P.	326,222-227	2018-2
124	Simulation study of the performance of new micropattern gaseous detectors	RADIATION DETECTION TECHNOLOGY AND METHODS	SCI 收录	He, Shaokun; Huang, Qianming; Qiao, Hao; Wang, Dayong; Ban, Yong	2(1),UNSP 21	2018-6
125	Velocity-space sensitivity of the compact neutron emission spectrometers at EAST	REVIEW OF SCIENTIFIC INSTRUMENTS	SCI 收录	Zhang, Y. M.; Ge, L. J.; Sun, J. Q.; Hu, Z. M.; Nocente, M.; Gorini, G.; Tardocchi, M.; Zhong, G. Q.; Hu, L. Q.; Li, X. Q.; Fan, T. S.	89(10),10I141	2018-10
126	A reconstruction method based on evolution of partial differential equation for the Laser-driven Ion-beam Trace Probe (LITP)	REVIEW OF SCIENTIFIC INSTRUMENTS	SCI 收录	Yang, X.; Xu, T.; Xiao, C.; Chen, Y.; Wang, T.; Lin, C.; Xu, M.; Yu, Y.; Wang, L.; Wang, X.	89(10),10I130	2018-10
127	Velocity-space sensitivity of time-of-flight neutron spectrometer at EAST in deuterium plasma	REVIEW OF SCIENTIFIC INSTRUMENTS	SCI 收录	Ge, L. J.; Hu, Z. M.; Zhang, Y. M.; Sun, J. Q.; Yuan, X.; Peng, X. Y.; Chen, Z. J.; Du, T. F.; Nocente, M.; Gorini, G.; Tardocchi, M.; Hu, L. Q.; Zhong, G. Q.; Wan, B. N.; Li, X. Q.; Fan, T. S.	89(10),10I143	2018-10
128	Design study of an YBCO-coated beam screen for the super proton-proton collider bending	REVIEW OF SCIENTIFIC INSTRUMENTS	SCI 收录	Gan, Pingping; Zhu, Kun; Fu, Qi; Li, Haipeng; Lu,	89(4),45114	2018-4

	magnets			Yuanrong; Easton, Matt; Liu, Yudong; Tang, Jingyu; Xu, Qingjin		
129	An alternative way to increase the power gain of resonant rings	REVIEW OF SCIENTIFIC INSTRUMENTS	SCI 收录	Zhuang, Dehao; Liu, Yunqi; Wang, Fang; Lin, Lin; Feng, Liwen; Quan, Shengwen; Liu, Kexin	89(3),34702	2018-3
130	Collision cascades interact with an edge dislocation in bcc Fe: a molecular dynamics study	RSC ADVANCES	SCI 收录	Wang, Hao; Tian, Ji-Ting; Zhou, Wei; Chen, Xiao-Fei; Bai, Bin; Xue, Jian-Ming	8(25),14017-14024	2018-1
131	Detwinning through migration of twin boundaries in nanotwinned Cu films under in situ ion irradiation	SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS	SCI 收录	Du, Jinlong; Wu, Zaoming; Fu, Engang; Liang, Yanxiang; Wang, Xingjun; Wang, Peipei; Yu, Kaiyuan; Ding, Xiangdong; Li, Meimei; Kirk, Marquis	19(1),212-220	2018-3
132	Analysis of total reaction cross sections for deuterons on 1p-shell-nuclei	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	SCI 收录	Chen, YiDi; Zhang, Yun; Lou, JianLing; Pang, DanYang; Ye, YanLin; Liu, Wei; Jiang, Ying; Li, Gen	61(11),112011	2018-11
133	Signal-background discrimination with convolutional neural networks in the PandaX-III experiment using MC simulation	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	SCI 收录	Qiao, Hao; Lu, ChunYu; Chen, Xun; Han, Ke; Ji, XiangDong; Wang, SiGuang	61(10),101007	2018-10
134	Plasma parameter diagnosis using hydrogen emission spectra	SCIENCE CHINA-PHYSICS	SCI 收录	Wu, WenBin; Ren, HaiTao; Peng,	61(4),45211	2018-4

	of a quartz-chamber 2.45 GHz ECRIS at Peking University	MECHANICS & ASTRONOMY		ShiXiang; Xu, Yuan; Wen, JiaMei; Zhang, Tao; Zhang, JingFeng; Zhang, AiLin; Sun, Jiang; Guo, ZhiYu; Chen, JiaEr		
135	Test particle simulation on the ion and electron zebra stripes and their time evolution in inner radiation belt	SCIENCE CHINA-TECHNOLOGICAL SCIENCES	SCI 收录	Wang, YongFu; Zong, QiuGang; Zhou, XuZhi	61(4),623-632	2018-4
136	Enhanced proton acceleration from an ultrathin target irradiated by laser pulses with plateau ASE	SCIENTIFIC REPORTS	SCI 收录	Wang, Dahui; Shou, Yinren; Wang, Pengjie; Liu, Jianbo; Li, Chengcai; Gong, Zheng; Hu, Ronghao; Ma, Wenjun; Yan, Xueqing	8,2536	2018-2
137	Effects of temperature on the irradiation responses of Al _{0.1} CoCrFeNi high entropy alloy	SCRIPTA MATERIALIA	SCI 收录	Yang, Tengfei; Xia, Songqin; Guo, Wei; Hu, Rong; Poplawsky, Jonathan D.; Sha, Gang; Fang, Yuan; Yan, Zhanfeng; Wang, Chenxu; Li, Congyi; Zhang, Yong; Zinkle, Steven J.; Wang, Yugang	144,31-35	2018-2
138	Defects and Interfaces on PtPb Nanoplates Boost Fuel Cell Electrocatalysis	SMALL	SCI 收录	Sun, Yingjun; Liang, Yanxia; Luo, Mingchuan; Lv, Fan; Qin, Yingnan; Wang, Lei; Xu, Chuan; Fu,	14(3),UNSP 1702259	2018-1

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