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## 2003年在国内外正式刊物上发表的论文题录

序号	题目	作者	刊名或书名	年	卷	期
1	Instability and Transport Driven by Electron Temperature Gradient Close to Critical	董家齐等	Nuclear Fusion	2003	43	10
2	Predictive Study of High Performance Scenarios in HL-2A	高庆弟等	Nuclear Fusion	2003	43	9
3	Effects of Current Density on Ion-Temperature-Gradient Mode	王爱科等	Nuclear Fusion	2003	43	6
4	Transmutation of Transuranic Actinides in a Spherical Torus Tokamak Fusion Reactor	冯开明等	Nuclear Fusion	2003	43	1
5	Subsonic Ion Flow at the Presheath Entrance in Tokamak Divertors	高庆弟	Phys. Plasma	2003	10	5
6	Double Tearing Mode in Plasma with Anomalous Electron Viscosity	董家齐等	Phys. Plasma	2003	10	8
7	Synergistic Mitigation of the RT Instability in Z-Pinch Implosion by SAF and FLR Effects	邱孝明等	Phys. Plasma	2003	10	7
8	Erosion and Erosion of Tungsten and Carbon-Based Materials Irradiated by a High Energy Electron Beam	刘翔等	J. Nucl. Mater.	2003	313-316	
9	Study of the Effects of Liquid Lithium Curtain as First Wall on Plasma	邓柏权等	J. Nucl. Mater.	2003	313-316	
10	Activation Calculation for a Fusion Experimental Breeder FEB-E	冯开明	World Sci.	2003	21	7
11	HL-2A Control System and its Discharge Management	宋显明等	Fusion Eng. Des.	2003	66-68	7
12	Construction of the HL-2A Tokamak	刘德权等	Fusion Eng. Des.	2003	66-68	7
13	Pellet and Molecular Beam Injection Fuelling on the HL-1M Tokamak	肖正贵等	Fusion Sci. Techn.	2003	43	1
14	Interaction of Electromagnetic Waves with a Magnetized Nonuniform Plasma Slab	唐德礼等	IEEE Trans. Plasma Sci.	2003	31	3
15	Influence of Magnetic Field on Magnetized Hydrogen Plasmas in Plasma Immersion Ion Implantation	唐德礼等	Nucl. Instru. Methods in Phys. Res. B	2003	206	3
16	Analytic Description of Tokamak Equilibrium Sustained by High Fraction Bootstrap Current	石秉仁	Chin. Phys.	2003	12	6
17	Fokker-Planck Study of Tokamak Electron Cyclotron Resonance Heating	石秉仁等	Chin. Phys.	2003	12	11
18	Self-Organized Criticality Processes in HL-1M Tokamak Plasma	黄渊等	Chin. Phys. Lett.	2003	20	1
19	Plasma Emission Tomographic Reconstruction in the Large Helical Device	刘仪	Review Sci. Instru.	2003	74	4
20	Particle Confinement Improvement with Current Ramp in the HL-1M Tokamak	严龙文等	Chin. Phys. Lett.	2003	20	1
21	Neutral Beam Injection Experiments in the HL-1M Tokamak	严龙文等	Chin. Phys. Lett.	2003	20	10
22	Electron Heat Transport in the HL-1M Tokamak ECRH	符宏军等	Chin. Phys. Lett.	2003	20	11

	Plasma					
23	GA Emmert Additional Beta use to Fast Fusion Products in D- 3 He Fusion Plasma	邓柏权等	Chin. Phys. Lett.	2003	20	4
24	New Description Model of Sputtering on Material Surface	邓柏权等	Chin. Phys. Lett.	2003	20	7
25	Flow Shear Stabilization of Ion temperature Gradient Modes in an Internal Transport Barrier	董家齐等	Plasma Sci. Techn.	2003	5	2
26	Measurement of Density Profile with Step-Swept Microwave Reflectometry	潘宇东等	Plasma Sci. Techn	2003	5	2
27	Bootstrap Current in Spherical Tokamak	王中天等	Plasma Sci. Techn	2003	5	3

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