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2012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	Operation of HL-2A Tokamak	段旭如	IEEE Transactions on Plasma Science	2012	40	
2	Features of spontaneous and pellet-induced ELMs on the HL-2A tokamak	黄 渊	Nuclear Fusion	2012	52	11
3	ELM mitigation by supersonic molecular beam injection into the H-mode pedestal in the HL-2A tokamak	肖维文	Nuclear Fusion	2012	52	11
4	Study of the high fuelling efficiency features of supersonic molecular beam injection	余德良	Nuclear Fusion	2012	52	8
5	Studies on neutral beam ion confinement and excitation of beta-induced Alfvén acoustic eigenmodes in the HL-2A tokamak	刘 仪	Nuclear Fusion	2012	52	7
6	Analysis of Harmonic Current Suppression and Reactive Power Compensation on 125 MVA Motor Generator	王英翹	IEEE Transactions on Plasma Science	2012	40	
7	A Fully Digital Controller of High-Voltage Power Supply for ECRH System on HL-2A	姚列英	IEEE Transactions on Plasma Science	2012	40	3
8	Manifold Concept Design for ITER Gas Injection System	江 涛	IEEE Transactions on Plasma Science	2012	40	3
9	Activation and Shielding Analysis for HCSB TBM	栗再新	IEEE Transactions on Plasma Science	2012	40	3
10	R&D of Qualification Tests of the Key Components for ITER Magnet Supports at SWIP	侯炳林	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	2012	22	3
11	The Development of Fabrication Technologies for ITER Magnet Supports	李鹏远	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	2012	22	3
12	Gyrokinetics for high-frequency modes in tokamaks	王中天	Physics of Plasmas	2012	19	7
13	Ballooning theory of the second kind-two dimensional tokamak modes	谢 涛	Physics of Plasmas	2012	19	7
14	Kinetic effects of trapped energetic particles on stability of external kink modes with a resistive wall	郝广周	Physics of Plasmas	2012	19	3
15	Observation of the generation and evolution of long-lived runaway electron beams during major disruptions in the HuanLiuqi-2A tokamak	张轶泼	Physics of Plasmas	2012	19	3
16	Three-dimensional particle-in-cell	耿少飞	Physics of Plasmas	2012	19	4

	simulation of discharge characteristics in cylindrical anode layer hall plasma accelerator					
17	Three-dimensional numerical investigation of electron transport with rotating spoke in a cylindrical anode layer Hall plasma accelerator	唐德礼	Physics of Plasmas	2012	19	7
18	Measurements of the fast ion slowing-down times in the HL-2A tokamak and comparison to classical theory	张轶泼	Physics of Plasmas	2012	19	11
19	Optics of ion beams for the neutral beam injection system on HL-2A Tokamak	邹桂清	Review of Scientific Instruments	2012	83	7
20	The dependence of extracted current on discharge gas pressure in neutral beam ion sources on HL-2A tokamak	魏会领	Review of Scientific Instruments	2012	83	2
21	Multi-channel far-infrared HL-2A interferometer-polarimeter	周艳	Review of Scientific Instruments	2012	83	10
22	Absolute sensitivity calibration of vacuum and extreme ultraviolet spectrometer systems and Zeff measurement based on bremsstrahlung continuum in HL-2A tokamak	周航宇	Review of Scientific Instruments	2012	83	10
23	A new neutral particle analyzer diagnostic and its first commissioning on HL-2A	李伟	Review of Scientific Instruments	2012	83	10
24	Self-consistent diverted tokamak equilibria with nonzero edge current	石秉仁	Chinese Physics (B)	2012	21	4
25	Fabrication and characterization of Li4SiO4 pebbles by melt spraying method	冯勇进	Fusion Engineering & Design	2012	87	5-6

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