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1	Simulation of low-voltage arc plasma during contact opening progress	PLASMA SCIENCE & TECHNOLOGY	2007,9(6): 649-652	吴 翊, 荣命哲, 孙志强, 王小华, 李 剑, 王建华	SCI: 256DC
2	Experimental study of the influence of gassing material on blow open force and arc motion	PLASMA SCIENCE & TECHNOLOGY	2007,9(6): 657-660	李兴文, 陈德桂, 刘洪武, 史宗谦, 王建华	SCI: 256DC
3	Study on SO ₂ removal efficiency by nanosecond rising edge pulse DBD under different environmental conditions	PLASMA SCIENCE & TECHNOLOGY	2007,9(6): 728-731	王小华, 苏 彪, 刘定新, 王军华, 荣命哲	SCI: 256DC
4	Analysis of the carbon nano-structures formation in liquid arcing	PLASMA SCIENCE & TECHNOLOGY	2007,9(6): 770-773	刑 岗, 贾申利, 刑 建, 史宗谦	SCI: 256DC
6	The production of carbon nano-materials by arc discharge under water or liquid nitrogen	NEW CARBON MATERIALS	2007,22(4): 337-341	刑 岗, 贾申利, 史宗谦	SCI: 246YJ
7	A novel crowbar impulse current circuit for testing the switch-type SPD	PLASMA SCIENCE & TECHNOLOGY	2008,10(2): 221-226	姚学玲, 陈景亮, 孙 伟	SCI: 290JX EI: 081811226353
8	Flashover characteristic of Ti sub-group metal oxide thin films on epoxy substrate under nanosecond pulse in vacuum	JOURNAL OF INORGANIC MATERIALS	2008,23(5): 907-911	陈 玉, 成永红, 王增斌, 周稼斌, 阴 玮, 吴 锴	SCI: 355DY
9	Structural study of cubic pyrochlores based on quantum mechanical simulation	CERAMICS INTERNATIONAL	2008,34(4): 689-693	谢小军, 成永红, 汪 宏, Wang Q, 陈小林, 孙才新	SCI: 306ZQ EI: 081911238914
10	Modeling and simulation for effective permittivity of two-phase disordered composites	JOURNAL OF APPLIED PHYSICS	2008,103: 034111	成永红, 陈小林, 吴 锴, 吴胜男, 陈 玉, 孟永鹏	SCI: 263SZ EI: 080811114429
11	Thermal analysis of AC contactor using Thermal Network Finite Difference Analysis method	IEICE TRANSACTIONS ON ELECTRONICS	2008, E91C(8): 1286-1291	纽春萍, 陈德桂, 李兴文, 耿英三	SCI: 336WE
12	Experimental investigation on the motion of cathode spots in removing oxide film on metal surface by vacuum arc	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2008,41(17): 175209	史宗谦, 贾申利, 王立军, Yuan QJ, Song XC	SCI: 340YI EI: 084111635594
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13	cathode side on low current vacuum arc characteristics	PLASMA SCIENCE & TECHNOLOGY	2008,10(2): 193-197	王立军, 贾申利, 史宗谦	290JX EI: 081811226347
14	Influence of arc currents and axial magnetic fields strength on high current vacuum arc	EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS	2008,41(3): 243-249	王立军, 贾申利, 张玲, Yang D, 史宗谦	SCI: 287LQ EI: 081711214526
15	Current constriction of high-current vacuum arc in vacuum interrupters	JOURNAL OF APPLIED PHYSICS	2008,103(6): 063301	王立军, 贾申利, 张玲, Yang DG, 史宗谦, Gentils F, Jusselein B	SCI: 281ZH EI: 081511191712
16	Study on the dielectric property of Ag/ZnO composition	RARE METAL MATERIALS AND ENGINEERING	2008,37(8): 1342-1347	尹桂来, 李建英, 成鹏飞, 李盛涛	SCI: 347PW EI: 083911606423
17	Characterization of intrinsic donor defects in ZnO ceramics by dielectric spectroscopy	APPLIED PHYSICS LETTERS	2008,93(1): 012902	成鹏飞, 李盛涛, 张乐, 李建英	SCI: 333WP EI: 083011392988
18	Dynamics model for electrical tree propagation in cross-linked polyethylene cable insulation under high frequency voltage	ACTA PHYSICA SINICA	2008,57(6): 3828-3833	谢安生, 李盛涛, 郑晓泉	SCI: 315JL EI: 082811368827
19	An integrated calculation method to predict arc behavior	IEICE TRANSACTIONS ON ELECTRONICS	2008, E91C(8): 1228-1229	李兴文, 陈德桂	SCI: 336WE
20	Effect of back-volume of arc-quenching chamber on arc behavior	IEICE TRANSACTIONS ON ELECTRONICS	2008, E91C(8): 1261-1267	戴瑞成, 陈德桂, 李兴文, 纽春萍, 童伟雄, 向洪岗	SCI: 336WE
21	A new method to evaluate the short-time withstand current for air circuit breaker	IEICE TRANSACTIONS ON ELECTRONICS	2008, E91C(8): 1292-1298	向洪岗, 陈德桂, 李兴文, 童伟雄	SCI: 336WE
22	Electrode evaporation effects on air arc behavior	PLASMA SCIENCE & TECHNOLOGY	2008,10(3): 323-327	李兴文, 陈德桂, Li R, 吴翊, 纽春萍	SCI: 319YM EI: 083111411380
23	HOPF BIFURCATION AS AN INTERMEDIATE-SCALE INSTABILITY IN SINGLE-STAGE POWER-FACTOR-CORRECTION POWER SUPPLIES: ANALYSIS, SIMULATIONS AND EXPERIMENTAL VERIFICATION	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS	2008,18(7): 2095-2109	戴栋, Tse CK, 张波, 马西奎	SCI: 358OQ EI: 083911598684
24	Effects of the input filter on the stability of a voltage-mode controlled buck converter	INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	2008,36(3): 367-373	李明, 戴栋, 马西奎	SCI: 307KI EI: 082411309663
25	A class of nonlinear phenomena resulting from saturation	ACTA PHYSICA SINICA	2008,57(2): 720-725	邹建龙, 马西奎	SCI: 266JS EI: 081211162310
26	Introduction of 6-band P-I radiation model for numerical analysis of three-dimensional air arc plasma	ACTA PHYSICA SINICA	2008,57(9): 5761-5767	吴翊, 荣命哲, 杨飞, 王小华, 马强, 王伟宗	SCI: 347VZ EI: 084211645296
27	Simulation and experimental study of arc column expansion after ignition in low-voltage circuit breakers	PLASMA SCIENCE & TECHNOLOGY	2008,10(4): 438-445	马强, 荣命哲, 吴翊, 徐铁军, 孙志强	SCI: 340QC
28	Numerical modeling of arc splitting process with ferromagnetic plate	IEEE TRANSACTIONS ON PLASMA SCIENCE	2008,36(4): 1072-1073	孙志强, 荣命哲, 杨飞, 吴翊, 马强, 王小华	SCI: 340AK EI: 083611499485
29	Numerical modeling of arc root transfer during contact opening in a low-voltage air circuit breaker	IEEE TRANSACTIONS ON PLASMA SCIENCE	2008,36(4): 1074-1075	吴翊, 荣命哲, 杨飞, Murphy AB, 马强, 孙志强, 王小华	SCI: 340AK EI: 083611499486
30	Optimization of space between nearby needles on multineedle to plane barrier discharge	IEEE TRANSACTIONS ON PLASMA SCIENCE	2008,36(4): 1350-1351	王小华, 荣命哲, 刘定新, 苏彪, 王东, 吴翊	SCI: 340AK EI: 083611499623

31	Research on effect of ferromagnetic material on the critical current of Bi-2223 tape	IEICE TRANSACTIONS ON ELECTRONICS	2008,E91C(8): 1222-1227	吴 翊, 荣命哲, 李 剑, 王小华	SCI: 336WE
32	Simulation and experimental study of arc motion in a low-voltage circuit breaker considering wall ablation	IEICE TRANSACTIONS ON ELECTRONICS	2008, E91C(8): 1240-1248	马 强, 荣命哲, .Murphy AB, 吴 翊, 徐铁军, 杨 飞	SCI: 336WE
33	Research on mechanical fault prediction algorithm for circuit breaker based on sliding time window and ANN	IEICE TRANSACTIONS ON ELECTRONICS	2008, E91C(8): 1299-1305	王小华, 荣命哲, Qiu J, 刘定新, 苏 彪, 吴 翊	SCI: 336WE
34	Influence of copper vapor on low-voltage circuit breaker arcs during stationary and moving states	PLASMA SCIENCE & TECHNOLOGY	2008,10(3): 313-318	马 强, 荣命哲, 吴 翊, 徐铁军, 孙志强	SCI: 319YM EI: 083111411378
35	Comparison of vacuum arc behaviors between axial-magnetic-field contacts	IEEE TRANSACTIONS ON PLASMA SCIENCE	2008,36(1): 200-207	刘志远, 陈少勇, Zheng YS, 荣命哲, 王季梅	SCI: 263NZ EI: 081211150973
36	Effect of filler size distribution on the mechanical and physical properties of alumina-filled silicone rubber	POLYMER ENGINEERING AND SCIENCE	2008,48(7): 1381-1388	周文英, 于德梅, Wang CF, An QL, Qi SH	SCI: 321KZ EI: 083111409411
37	Plasma distribution characteristics of 37-kHz AC dielectric barrier discharge in atmospheric air	IEEE TRANSACTIONS ON PLASMA SCIENCE	2008,36(4): 1346-1347	Yang GQ, 张冠军, 马跃, Zhang WY	SCI: 340AK EI: 083611499621
38	DBD plasma jet in atmospheric pressure argon	IEEE TRANSACTIONS ON PLASMA SCIENCE	2008,36(4): 1352-1353	许桂敏, 马 跃, 张冠军	SCI: 340AK EI: 083611499624
39	Chemical mechanisms of bacterial inactivation using dielectric barrier discharge plasma in atmospheric air	IEEE TRANSACTIONS ON PLASMA SCIENCE	2008,36(4): 1615-1620	马 跃, 张冠军, 石兴民, 许桂敏, 杨 芸	SCI: 340AM EI: 083611499660
40	Analysis and optimization for a contactor with feedback controlled magnet system	IEICE TRANSACTIONS ON ELECTRONICS	2008, E91C (8): 1273-1279	刘颖异, 陈德桂, 纽春萍, Ji L, 童伟雄	SCI: 336WE
41	Analysis and optimization for the operating mechanism of air circuit breaker	IEICE TRANSACTIONS ON ELECTRONICS	2008, E91C (8): 1280-1285	陈德桂, Ji L, Wang YF, 刘颖异	SCI: 336WE
42	Robust optimization in HTS cable based on design for six sigma	IEEE TRANSACTIONS ON MAGNETICS	2008,44(6): 978-981	Liu XY, Wang SH, Qiu H, Zhu JG, Guo YG, Lin ZW	SCI: 333WD EI: 082211282375
43	Fast-scale border collision bifurcation in SEPIC power factor pre-regulators	CHINESE PHYSICS B	2008,17(7): 2394-2404	刘 芳, 马西奎	SCI: 329BX EI: 083511483060
44	Experimental investigation of vacuum arc characteristic under axial magnetic field	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2008,41(8): 085209	修士新, Yong C, Rui Z	SCI: 279BH
45	Dielectric properties and crystalline morphology of low density polyethylene blended with metallocene catalyzed polyethylene	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	2008,15(2): 319-326	王 霞, He HQ, 屠德民, 雷 超, Du QG	SCI: 280DZ EI: 081711217958
46	Effects of dipole polarization of water molecules on ice formation under an electrostatic field	CRYOBIOLOGY	2008,56(1): 93-99	Sun W, Xu XB, Zhang H, 徐传骧	SCI: 265JT
47	Thermal properties of heat conductive silicone rubber filled with hybrid fillers	JOURNAL OF COMPOSITE MATERIALS	2008,42(2): 173-187	周文英, Wang CF, An QL, Ou HY	SCI: 264TX Ei: 080311020644
48	Vacuum-arc behaviors of a coil-type axial-magnetic-field contact at contact gap of 60 mm	IEEE TRANSACTIONS ON PLASMA SCIENCE	2008,36(1): 208-214	修士新, 刘志远, 王季梅	SCI: 263NZ EI: 081211150974
49	Insulation performance and microstructure in modified	JOURNAL OF APPLIED	2008,107(1):	王 霞, 屠德民, 雷 超,	SCI: 229RP

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50	Corrosion behavior and creepage discharge character for machinable AlN/h-BN ceramic composites	JOURNAL OF CERAMIC PROCESSING RESEARCH	2008,9(5): 526-529	金海云, 贺博, 高乃奎, 彭宗仁, Gao JQ	SCI: 376UB
51	Effect of Surface Shallow Traps on Flashover Characteristics across Machinable Ceramic in Vacuum	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	2008,15(5): 1464-1470	于开坤, 张冠军, Liu GQ, 马新沛, Li GX	SCI: 359FV EI: 084511679462
52	Optical investigation of surface flashover plasma across silicon stimulated by pulsed high voltage in vacuum based on ICCD	IEEE TRANSACTIONS ON PLASMA SCIENCE	2008,36(4): 880-881	赵文彬, 张冠军, 董明, 严璋	SCI: 340AK EI: 083611499391
53	Modeling of a 6/4 switched reluctance motor using adaptive neural fuzzy inference system	IEEE TRANSACTIONS ON MAGNETICS	2008,44(7): 1796-1804	Ding W, 梁德亮	SCI: 320MC
54	Slow-Scale and Fast-Scale Instabilities in Voltage-Mode Controlled Full-Bridge Inverter	Circuits, Systems, and Signal Processing	2008,27(6): 811-831	李明, 戴栋, 马西奎	SCI: 379NC
55	Digital detection, grouping and classification of partial discharge signals at DC voltage	IEEE Transactions on Dielectrics and Electrical Insulation	2008, 15(6): 1663-1674	Si Wenrong, LI Junhao, Yuan Peng, 李彦明	SCI: 378GI
56	Characteristics of streamer discharge development between the dielectric-coated sphere-plane electrodes in water	JOURNAL OF APPLIED PHYSICS	2008, 104: 113302	Taiyun Zhu, 杨兰均, Zhijie Jia, 张乔根	SCI: 393HI
57	Chaotic characteristics of corona discharges in atmospheric air	JOURNAL OF APPLIED PHYSICS	2008,104: 103309	Xiangyu Tan, 张乔根, Xiuhuan Wang, Fu Sun, Wei Zha, Zhijie Jia	SCI: 396QI

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