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2	Studies of surface functional modification of nanosized alpha-alumina	李洪岩 Yan Y 刘斌 陈维 陈寿田	POWDER TECHNOLOGY	178 (3): 203-207 SEP 25 2007	SCI; 214XZ EI; 073410775430
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4	Analysis of insertion loss and impedance compatibility of hybrid EMI filter based on equivalent circuit model	陈文杰 杨旭 王兆安	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	54 (4): 2057-2064 AUG 2007	SCI; 198FG EI; 073410775588
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6	Numerical analyses of electrical contact characteristics of YBCO bulk with silver deposition	李剑 荣命哲 吴翊 孙志强	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	17 (3): 3830-3835 SEP 2007	SCI; 207VM EI; 073710812812
7	Three-dimensional numerical analysis with P-I radiation model in low voltage switching arc	孙志强 荣命哲 吴翊 李剑 Yang F	IEICE TRANSACTIONS ON ELECTRONICS E90C	(7): 1348-1355 JUL 2007	SCI; 1871A
8	Numerical analyses of electrical contact characteristics of YBCO bulk	荣命哲 李剑 吴翊 孙志强	IEICE TRANSACTIONS ON ELECTRONICS E90C	(7): 1429-1434 JUL 2007	SCI; 1871A
9	Analysis and research on electro-dynamic repulsion force acting on the parallel	刘颖异 陈德桂 李兴文	IEICE TRANSACTIONS ON	E90C (7): 1466-1471 JUL 2007	SCI; 1871A

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10	Simulation of the thermal process of anode in drawn vacuum arc	史宗谦 贾申利 Dong H 王立军	IEEE TRANSACTIONS ON PLASMA SCIENCE	35 (4): 920-924 Part 2 Sp. Iss. SI, AUG 2007	SCI; 199MZ EI; 073610796861
11	Study on the influence of supply-voltage fluctuation on shunt active power filter	Wu LH Zhuo F Zhang PB Li HY 王兆安	IEEE TRANSACTIONS ON POWER DELIVERY	22 (3): 1743- 1749 JUL 2007	SCI; 183XO
12	Study of the influence of arc ignition position on, arc motion in-low-voltage circuit breaker	李兴文 陈德桂 戴 瑞成 耿英三	IEEE TRANSACTIONS ON PLASMA SCIENCE	35 (2): 491-497 Part 3, APR 2007	SCI; 160BH EI; 071710572448
13	Effects of discharge area and surface conductivity on partial discharge behavior in voids under square voltages	吴 锴 Okamoto T Suzuoki Y	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	14 (2): 461-470 APR 2007	SCI; 155SR EI; 071610555909
14	Effects of heating, tensile, and high pressure treatments on aggregate structure of a low density polyethylene	Xie Y 于德梅 Wan W Guo X Li S	POLYMER- PLASTICS TECHNOLOGY AND ENGINEERING	46 (4): 377-383 2007	SCI; 154KF EI; 071410527858
15	Soft core behavior in ZnO-Bi2O3-based varistors containing oxides of Ce and Gd	成鹏飞 李盛涛 Alim MA	PHYSICA STATUS SOLIDI A- APPLICATIONS AND MATERIALS SCIENCE	204 (3): 887-899 MAR 2007	SCI; 152PY
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17	Simulation on the time dependence of breakdown strength in insulating polymers	吴 锴 成永红	JOURNAL OF APPLIED PHYSICS	101 (6): Art. No. 064113 MAR 15 2007	SCI; 151VA EI; 071410533010
18	Analysis and design of class E power amplifier with nonlinear parasitic capacitance at any duty ratio	Zhang H马西奎 Wong SC Tse CK	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	49 (4): 920-923 APR 2007	SCI; 146WD EI; 071510543043
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25	The influence of gap distance on the random walk of cathode spot in vacuum arc	史宗谦 Xiao, Jia 贾申利 Liu, Zhigang 王立军	Journal of Physics D: Applied Physics	2007 40 (19) : 5924-5928	SCI; 226QQ EI; 074010841081
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30	Interval Percolation and Ceramic-Metal Composite	成永红 吴锴 陈小林 陈玉 孟永鹏	Appl. Phys. Lett.	Vol. 912007	SCI
31	Study of the effect of gassing material on arc behavior in low voltage circuit breaker	李兴文 陈德桂	IEICE TRANSACTIONS ON ELECTRONICS	E90C (7): 1460-1465 JUL 2007	SCI; 1871A
32	Flashover development process across silicon and surface microcosmic phenomena induced by pulsed voltage in air	Zhao, Wen-Bin 张冠军 Dong, Ming Yan, Zhang	Journal of Physics D: Applied Physics	40 (23): 7419-7422	SCI EI; 074810948605
33	Influence of transverse magnetic field on the formation of carbon nano-materials by arc discharge in liquid	Xing, Gang 贾申利 史宗谦	Carbon	45 (13): 2584-2588	SCI EI; 074310883799
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