

### 2011年论文统计表(力材)

序号	论文名称	作者	发表刊物/会议名称
1	The Influences of Constitutive Models on the Collapses of OFHC Copper Cylindrical Shells under Impact Compression	吴善幸; 陈大年; 马东方; 张铎; 王焕然; 金扬辉;	Advanced Materials Research, 179-180 (2011) 691-696
2	Dynamic compressive constitutive relation and shearing instability of metallic neodymium	Wang Huanran, Cai Canyuan, Chen Danian, Ma Dongfang, Hou Yanjun, Wu Shanxing	Materials Science and Engineering A 528 (2011)22-23: 6838 - 6843
3	A dynamic investigation of observable void growth and coalescence in pure copper sheets in pure copper sheets,	Ma Dongfang, Chen Danian, Wu Shanxing, Wang Huanran, Cai Canyuan,	J. Appl. Phys. 110(2011)9: 094905.
4	A Novel Impact Tension testing for OFHC Copper Bars under Local Strain	马东方, 侯延军, 陈大年, 吴善幸, 王焕然,	Chinese Physics Letters,28(1): 016201
5	A visualized investigation of void growth and coalescence in pure copper sheets under impact tension	马东方, 邓高涛, 陈大年, 吴善幸, 王焕然,	Advanced Materials Research,317-31
6	An interrupted tensile testing at high strain rates for pure copper bars	马东方, 陈大年, 吴善幸, 王焕然, 侯延军, 蔡灿元,	Journal of applied physics,108
7	Hopkinson拉杆试验的优化与高导无氧铜拉伸本构关系的确定	贾存威, 侯延军, 陈大年, 马东方, 吴善幸, 王焕然,	固体力学学报,32 (1) : 57-63

8	高导无氧铜杆的冲击拉伸断裂系列实验以及基于样本体积单元的分析	马东方, 侯延军, 陈大年, 吴善幸, 王焕然, 贾存威,	爆炸与冲击, 31(2011)4:385-391
9	平面冲击波试验弹托边侧效应研究	侯延军, 蔡灿元, 陈大年, 马东方, 王焕然, 吴善幸,	宁波大学学报. 理工版, 24(1)
10	Distortional buckling of cold-formed steel sections subjected to uniformly distributed transverse loading	陈建康, Li LongYuan,	International Journal of Structure Stability and Dynamics, 10 (5) :1017-1030
11	Effect of damage evolution on Poisson's ratio of concrete under sulfate attack	Hui Song, 陈建康,	Acta Mechanica Sinica, 24 (3) :209-215
12	Effect of Erosion Damage on Diffusion of Sulfate Ions in Concrete	Sun Chao, 陈建康,	Advanced Materials Research, 243-249
13	表面波飞机结冰传感器的研究	吴荣兴, 胡海柯	压电与声光, 33 (5) : 679-682 (转686)
14	混凝土材料损伤耦合的非线性粘弹性本构关系	陈建康, 宋慧,	应用力学学报, /28 (4) :407-441
15	Surface Energy Effect on Damage Evolution in a Viscoelastic Nanocomposite	Chen JK, Wang WC, Huang ZP	International Journal of Damage Mechanics Volume 19, Issue 8, November 2010, Pages 949-970
16	Experimental study on dynamic damage evolution of concrete under multi-axial stresses	陈江瑛, 张忠	Engineering Failure Analysis, 18 (2011) 1784 - 1790
17	混凝土材料的平板撞击实验与数值模拟研究	张忠孝, 董海威, 陈江瑛, 朱珏,	宁波大学学报 (理工版), 24(3)
18	冲击载荷下薄壁组合矩形梁响应特性研究	郝伟伟, 董新龙, 苑红莲, 周刚毅,	宁波大学学报. 理工版, 24 (3)
19	Improved Sensing Block Method and Its Application in Measurement of Dynamic Load	苑红莲; 董新龙; 杨杰	Applied Mechanics and Materials, 37-38()
20	Analysis of a monolithic quartz plate thickness-twist mode acoustic wave filter	尹歆, 杜建科, 王骥, 杨嘉实,	proceedings of the 2010 symposium on piezoelectricity, acoustic waves and device applications
21	Love wave propagation in a piezoelectric material structure with a mass layer	颜良法, 杜建科, 王骥,	Proceedings of the 2010 symposium on piezoelectricity, acoustic waves and device applications
22	shear-horizontal waves in a rotated Y-cut quartz plate with an imperfectly bonded mass layer	陈洋洋, 杜建科, 王骥, 杨嘉实,	IEEE transactions on ultrasonics, ferroelectrics, and frequency control, 58(3)

23	Thickness-shear vibration of a quartz plate connected to piezoelectric plates and electric field sensing	周云英,陈伟球,杨嘉实,杜建科,	ultrasonics,51
24	Rayleigh Wave Propagating in Layered Magneroelectro-elastic Material Structures	杜建科, 陈孝玉, 王骥, Yook-Kong Yong	Proceedings of 2010 IEEE International Ultrasonics Symposium
25	Analytical solution for functionally graded piezoelectric cantilever beam subjected to thermal and transverse loading	黄德进, 王骥,	2010全国压电和声波理论及器件技术研讨会
26	Vibration analysis of layered film bulk acoustic resonators	黄德进, 王骥,	2010全国压电和声波理论及器件技术研讨会
27	Optimization Design of Powder Molding Pressing Frame Based on Precision Effect	刘军, 董新龙, 周刚毅	Applied Mechanics and Materials,37-38()
28	An integrated program of vibrations of quartz crystal plates with Mindlin	王骥, 陈玉梅, 阳丽君,	Proceedings of the 2010 Symposium on
29	Analytical Solutions of Nonlinear Vibrations of Thickness-shear and Flexural Modes of Quartz Plates	王骥, 吴荣兴, 杜建科, 严蔚, 黄德进,	5th Joint Conference of the 65th IEEE International Frequency Control Symposium, IFCS 2011 and 25th European Frequency and Time Forum, EFTF 2011
30	Resonant Frequency Function of Thickness-Shear Vibrations of Rectangular Crystal Plates	王骥, 阳丽君, 潘俏俏, 赵岷江, 杜建科,	IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control
31	Surface acoustic waves in an Infinite plate covered by a viscoelastic layer	吴荣兴, 王骥, 杜建科,	Proceedings of the 2010 Symposium on Piezoelectricity, Acoustic Waves, and Device Applications, Ultrasonics
32	The calculation of electrical parameters of AT-cut quartz crystal resonators with the consideration of material viscosity	王骥, 赵文华, 杜建科, 胡元太,	Volume 51, Issue 1, January 2011, Pages 65-70
33	基于ANSYS的石英晶体器厚度剪切振动的有限元分析	王骥, 史俊, 杜建科,	Proceedings of the 2010 Symposium on Piezoelectricity, Acoustic Waves, and Device Applications,
34	具有不对称电极的石英晶体板振动效应研究	夏智深, 陈玉梅, 王骥, 杜建科,	声学学报技术
35	考虑压电效应的石英晶体谐振器设计程序	陈玉梅, 王骥, 阳丽君, 杜建科,	电子元件与材料, 30 (11) : 51-57
36	Design of Quartz Crystal Resonators with an Analytical Procedure Based on the Mindlin Plate Theory	王骥, 潘俏俏, 阳丽君, 赵岷江	Proceedings of 2010 IEEE International Ultrasonics Symposium
37	The Calculation of Electrical Parameters of Overtone Thickness-shear Quartz Crystal Resonators with the Higher-order Mindlin Plate Equations	王骥, 阳丽君, 杜建科, 黄德进	Proceedings of 2010 IEEE International Ultrasonics Symposium

38	Influence of Shock Pre-Compression Stress and Tensile Strain Rate on the Spall Behaviour of Mild Steel	王永刚	Strain
39	The combined effect of grain size and strain rate on the mechanical behavior in ultra-high purity aluminum	王永刚, 王春雷, 刘宏伟,	Advanced Materials Research
40	结构特征参数和应变速率对泡沫铝压缩力学性能的影响	王永刚, 王春雷,	兵工学报, 32 (1) :106-111
41	冲击加载参数对纯铝中微孔洞长大动力学行为的影响	王春雷; 王永刚;	宁波大学学报(理工版),
42	弹性基础上封闭型梁的等效刚度	李桂花, 杨黎明, 余希同, 周风华,	宁波大学学报. 理工版
43	地下工程抗爆防震塌设计动力学机理论	杨黎明, 周风华, 董新龙, 王礼立,	中国工程科学, 13 (3) : 29-36
44	Electro-conductive property of polymeric composite under impact loading using a modified SHPB	雷金涛, 张明华, 陈建康,	Advanced Materials Research
45	工程力学专业工程材料实验教学研究	张明华, 董新龙, 陈江瑛, 陈建康, 杜建科,	西南交通大学学报(社会科学版)
46	Elastic behavior of ring-on-foundation	周风华, 余同希, 杨黎明,	International Journal of Mechanical Science
47	韧性金属圆环高速膨胀碎裂过程的有限元模拟	陈磊, 周风华, 汤铁刚,	力学学报, 43 (5) :861-870
48	采用Laplace变换分析桩基应力波传播问题	王健; 周风华;	岩土力学, 32(2011)1:179-185+243
49	Development of Electromagnetic Composite Ring Expansion as a Fragile Material Test Technique	周刚毅, 刘军, 董新龙, 周风华	Applied Mechanics and Materials
50	The Current Density and Energy Input in Electrothermal Explosion of Metallic Powders	周刚毅, 董新龙, 刘军	Applied Mechanics and Materials
51	The spalling strength of ultra-fiber reinforced cement mortar	朱珏, 孙超, 陈钱, 陈江瑛,	Engineering Failure Analysis
52	用改进的基于质点速度测量的拉格朗日分析方法研究尼龙动态力学特性	赖华伟; 王礼立;	实验力学, 26 (2011) 2:221-227
53	桥墩柔性防撞装置的静力学模型研究	杨峰; 杨黎明;	固体力学学报, 32 (S) : 399-405
54	脆性材料水泥砂浆多轴应力下的动态响应分析	李英华; 杨黎明; 汤立群; 刘逸平; 魏志强;	振动与冲击, 30 (10) :216-220
55	高压高应变率条件下导电高聚物压阻效应实验研究	雷金涛, 马博, 张明华, 陈建康	兵工学报, 2011, 32 (2) : 205-213



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