

### 2010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	理论临界冲击拉伸速度研究	陈大年, 王焕然, 胡金伟	工程力学, 27 (2010) 8:48-53 (转71)
2	冲击载荷下延性材料的动态本构关系与动态断裂	陈大年, 吴善幸, 王焕然, 马东方, 贾存威	兵工学报, 31 (2010) 6:725-734
3	脆性固体中内聚断裂点阵列的扩张行为及间隔影响	周风华, 王礼立	力学学报, 42(2010)4:691-701
4	冲击波作用下铝的准弹性卸载行为	俞宇颖, 谭华, 陈大年, 戴诚达, 胡建波, 王焕然	力学学报, 42(2010)3:432-438
5	两种一维粘弹性应力波传播分析方法	周风华 陈亮 王礼立	工程力学, 27 (2010) 7:45-51 (转61)
6	Impact Behavior of Concretes Taking Account of Strain-Rate Effect, Stress-State Effect and Damage Evolution	王礼立, 施绍裘, 王永刚, 王永忠	Materials Science Forum, v. 638-642 (2010), 1071-1076.
7	圆柱壳体冲击平板靶的实验与数值研究	吴善幸; 陈大年; 张铎; 马东方; 金扬辉; 王焕然;	工程力学, 27 (2010) 3: 10-14
8	平板撞击下C30混凝土中冲击波的传播特性	王永刚; 王礼立;	爆炸与冲击, 30 (2010) 2: 119-124
9	Energy transform in a brittle fragmentation process and the estimation of fragment size,	周风华, 王礼立	Strength, Fracture and Complexity, 6 (2010)1-2: 3-16
10	脆性固体碎裂过程中的最快卸载特性	周风华, 郭丽娜, 王礼立,	固体力学学报, 31 (2010) 3: 286-295。
11	冲击动力学研究中实测波信息的解读分析	王礼立, 朱珏, 赖华伟,	高压物理学报, 24 (2010) 4: 279-285.
12	Critical particle size for interfacial debonding in polymer/nanoparticle composites	陈建康, 王公涛, 于中振, 黄筑平, Yiu-Wing Mai	Composites Science and Technology, 70 (2010), 861-872.
13	Effects of Electrode Inertia and Stiffness on Vibration of Piezoelectric Plate with Dissipation	Xin Yin, 杜建科, Ji Wang	2010 IEEE International Frequency Control Symposium, June 1-4, USA. 397-400.

14	Finite Element Analysis of Nonlinear Thickness-shear Vibrations of AT-cut Quartz Crystal Plates	Ji Wang, Leping Chen, Jianke Du, Yuantai Hu, Guoqing Li	2010 IEEE International Frequency Control Symposium, June 1-4, USA. 392-396.
15	Love Wave Propagating in a magneto-electro-elastic Material Structure Loaded with Viscous Liquid	Jianke Du, Xiaoyu Cheng, Ji Wang	2010 IEEE International Frequency Control Symposium, June 1-4, USA. 224-227.
16	Performance Evaluation on Time and Frequency Transfer of Transponder Satellite Positioning System	Fang CHENG, Xiaochun LU and Tao HAN, Ji WANG	2010 IEEE International Frequency Control Symposium, June 1-4, USA. 462-464.
17	The Fifth-order Overtone Vibrations of Crystal Plates with Corrected Higher-order Mindlin Plate Equations	Ji Wang, Lijun Yang, Jianke Du, Dejin Huang	2010 IEEE International Frequency Control Symposium, June 1-4, USA. 596-601.
20	The Calculation of Quality Factor of Film Bulk Acoustic Resonators with the Consideration of Viscosity	Ji Wang, Jiansong Liu, Jianke Du, and Dejin Huang	The Joint Conference of the 2009 Symposium on Piezoelectricity, Acoustic Waves and Device Applications and China Symposium on Frequency Control Technology, Dec.17-20, Wuhan, China, 2009. 370-375.
21	The Dispersion Relations and Vibration Modes of Infinite Quartz Crystal Plates at Higher Frequencies	Ji Wang, Lijun Yang, and Jianke Du	The Joint Conference of the 2009 Symposium on Piezoelectricity, Acoustic Waves and Device Applications and China Symposium on Frequency Control Technology, Dec.17-20, Wuhan, China, 2009. 494-499.
22	The Nonlinear Thickness-Shear Vibrations of An Infinite and Isotropic Elastic Plate	Ji Wang, Rongxing Wu, and Jianke Du	The Joint Conference of the 2009 Symposium on Piezoelectricity, Acoustic Waves and Device Applications and China Symposium on Frequency Control Technology, Dec.17-20, Wuhan, China, 2009. 365-369.
23	The Finite Element Analysis of Thickness-Shear Vibrations of Quartz Crystal Plates with Ansys	Ji Wang, Shi Jun, and Jianke Du	The Joint Conference of the 2009 Symposium on Piezoelectricity, Acoustic Waves and Device Applications and China Symposium on Frequency Control Technology, Dec.17-20, Wuhan, China, 2009. 545-548.
24	The Finite Element Simulation of Dielectric Properties of Blood	Shi Jun, Qing Ma, Ji Wang,	The Joint Conference of the 2009 Symposium on Piezoelectricity, Acoustic Waves and Device Applications and China Symposium on Frequency Control Technology, Dec.17-20, Wuhan, China, 2009. 595-598.
25	THE NONLINEAR THICKNESS-SHEAR VIBRATIONS OF QUARTZ CRYSTAL PLATES	Ji Wang, Rongxing Wu, and Jianke Du	the 17th International Congress on Sound and Vibration, July 18- 22, Cario, 2010.

26	Static analysis of anisotropic functionally graded magneto-electro-elastic beams subjected to arbitrary loading	黄德进, 丁皓江, 陈伟球	European Journal of Mechanics, A/Solids, Volume 29, Issue 3, Pages 356-369
27	一砖结构烟囱拆爆失败原因分析及排险处理	赵坤	工程爆破, 16 (2) : 63-65 (转69)
28	爆破拆除不同结构钢筋混凝土基础	赵坤, 蒋昭镛	爆破器材, 39 (2) 38-40
29	册子岛航道AB段水下炸礁及爆破安全监理	赵坤	爆破, 27 (2) : 74-76 (转80)
30	强冲击载荷下含杂质的纯铝中微孔洞长大的动力学行为	王永刚, 刘宏伟	高压物理学报, 24 (4) : 248-254
31	Experimental investigation of precursor decay in shock-compressed mild steel by the VISAR interferometry technique	王永刚, H. L. He, L. L. Wang	strain, Volume 46, Issue 3, June 2010, Pages 298-301
32	SH-SAW propagation in layered functionally graded piezoelectric material structures loaded with viscous liquid	杜建科, xian, kai; yong, yook-kong	ACTA MECHANICA, 212(4):271-287
33	SHPB实验中粘弹性试件内部应力波的传播	周风华, 陈亮	固体力学学报, 31 (2) : 149-156
34	Studies on Rate-Dependent Macro-Damage Evolution of Materials at High Strain Rates	王礼立, 周风华, 孙紫建, 王永忠, 施绍裘	International Journal of Damage Mechanics Volume 19, Issue 7, September 2010, Pages 805-820
35	谱方法求解非惯性系中二维不可压缩渠道流	罗雄平	宁波大学学报. 理工版, 23(4)
36	A unified solution for an anisotropic functionally graded piezoelectric beam subject to sinusoidal transverse loads	黄德进, 丁皓江, 陈伟球	Journal of Intelligent Material Systems and Structures, 20(12):1401-1414
37	矩形石英晶体板厚度剪切振动的频率函数研究	王骥, 阳丽君, 潘俏俏, 赵岷江, 杜建科	, 《声学技术》, 29卷4期, pp.427-430, 2010.
38	An Integrated Analysis of Vibrations of Quartz Crystal Plates with the Mindlin Plate Theory for Resonator Design and Optimization	王骥, Min-Chiang Chao*, Lijun Yang, Qiaoqiao Pan*, Yumei Chen, Jianke Du	First Joint China-Japan International Workshop on Acoustic Wave Devices November 4-5, 2010 • Institute of Acoustics, CAS, Beijing, CHINA
39	Rayleigh Wave Propagating in Layered Magneto-electro-elastic Material Structures	杜建科, Xiaoyu Cheng1, Ji Wang1, Yook-Kong Yong2	Proceedings of 2010 IEEE International Ultrasonics Symposium, Oct 11-14, San Diego, California, USA.




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