2008 SCIE

1. Title: Elastic-plastic finite element analysis of the effect of compressive loading on crack tip parameters and its impact on fatigue crack propagation rate
   Authors: Zhang J, He XD, Suo B, et al.
   Journal: ENGINEERING FRACTURE MECHANICS
   Volume: 75
   Issue: 18
   Pages: 5217-5228
   Year: DEC 2008
   Cited: 0

2. Title: Effect of hafnium addition on solidification structure of cast Ti-46Al alloys
   Authors: Su YQ, Zhang L, Guo JJ, et al.
   Journal: CHINA FOUNDRY
   Volume: 5
   Issue: 4
   Pages: 229-233
   Year: NOV 2008
   Cited: 0

3. Title: 2,6-Bis[1-(2,6-diethylphenylimino)ethyl]-pyridine
   Authors: Yang YL, Fan RQ, Li WH
   Journal: ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE
   Volume: 64
   Issue: Part 12
   Pages: O2368-U2628
   Year: DEC 2008
   Cited: 0

4. Title: Certain martingale methods of parameter estimation in dynamic system
   Authors: Kong FL, Wang GZ, Ping Y
   Conference: 5th Workshop of the International-Institute-for-General-Systems-Studies, JUN, 2007 Wuhan, PEOPLES R CHINA
   Journal: KYBERNETES
   Volume: 37
   Issue: 9-10
   Pages: 1409-1416
   Year: 2008
   Cited: 0

5. Title: Theoretical Investigation of One- and Two-Photon Absorption Properties of Platinum Acetylide Chromophores
   Authors: Yang ZD, Feng JK, Ren AM
   Journal: INORGANIC CHEMISTRY
   Volume: 47
   Issue: 23
   Pages: 10841-10850
   Year: DEC 1 2008
   Cited: 0

6. Title: The rapid prediction of the modification level of Al-Si alloys by surface tension
   Authors: Shi DQ, Li DY, Gao GL
   Journal: JOM
   Volume: 60
   Issue: 11
   Pages: 25-28
   Year: NOV 2008
   Cited: 0

7. Title: Numerical simulation and analysis of electrically actuated microbeam-based MEMS capacitive switch
   Journal: MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS- INFORMATION STORAGE AND PROCESSING SYSTEMS
   Volume: 15
   Year: 2008
   Cited: 0
8. Title: New device for fast measuring surface tension, density and viscosity of liquids
   Authors: Shi DQ, Gao GL, Li DY, et al.
   Journal: FLUID PHASE EQUILIBRIA
   Volume: 273
   Issue: 1-2
   Pages: 87-91
   Year: NOV 25 2008
   Citations: 0

9. Title: Properties of terahertz wave generated by the metallic carbon nanotube antenna
   Authors: Wang Y, Wu Q
   Journal: CHINESE OPTICS LETTERS
   Volume: 6
   Issue: 10
   Pages: 770-772
   Year: OCT 10 2008
   Citations: 0

10. Title: Effect of surface modified hydroxyapatite on the tensile property improvement of HA/PLA composite
    Authors: Li J, Lu XL, Zheng YF
    Journal: APPLIED SURFACE SCIENCE
    Volume: 255
    Issue: 2
    Pages: 494-497
    Year: NOV 15 2008
    Citations: 0

11. Title: Germplasm of breeding Pseudosciaena crocea as revealed by microsatellite markers
    Authors: Chang YM, Ding L, Li MY, et al.
    Journal: ACTA OCEANOLOGICA SINICA
    Volume: 27
    Issue: 4
    Pages: 156-164
    Year: 2008
    Citations: 0

12. Title: Relation between Surface Tension and Graphite Shape in Cast Iron
    Authors: Shi D, Li D, Gao G, et al.
    Journal: MATERIALS TRANSACTIONS
    Volume: 49
    Issue: 9
    Pages: 2163-2165
    Year: SEP 2008
    Citations: 0

13. Title: An improved method for measuring surface tension of liquid metals and alloys
    Authors: Li D, Shi D, Gao G, et al.
    Journal: KOVOVE MATERIALY-METALLIC MATERIALS
    Volume: 46
    Issue: 4
    Pages: 239-242
    Year: 2008
    Citations: 0

14. Title: Method of enhancing second-harmonic generation of antiferromagnetic film
    Authors: Zhou S, Wang XZ
15. Sulfidation and Regeneration of Nano-Fe-ZnO Desulfurizer at Ambient Temperature
   Li F, Shao CH, Yan B, et al.

16. Spectrum evolutions of spontaneous and pump-depleted stimulated Brillouin scatterings in liquid media
   Gao W, Lu ZW, He WM, et al.
   CHINESE PHYSICS B : 17 : 10 : 3765-3770 : OCT 2008

   Lee WC, Jang SH, Gui TL, et al.
   5th Skeletal Complications of Malignancy, OCT 25-27, 2007 Philadelphia, PA

18. Fracture morphology and mechanism of IMC in Low-Ag SAC Solder/UBM (Ni(P)-Au) for WL CSP
   Sun F, Hochstenbach P, Van Driel WD, et al.
   19th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis, SEP 29-OCT 02, 2008 Maastricht, NETHERLANDS

19. Relation between surface tension and microstructural modification in Al-Si alloys
   Shi DQ, Li DY, Gao GL

20. Effect of extrusion ratio on microstructure and mechanical properties of Mg-Nd-Zn-Zr alloys prepared by a solid recycling process
   Wen L, Ji ZS, Li XL
   MATERIALS CHARACTERIZATION : 59 : 11 : 1655-1660 :
21. Mutual alignment errors due to localized distortion in free-space laser communication links (vol 281, pg 4180, 2008)
   Yang YQ, Tan LY, Ma J
   OPTICS COMMUNICATIONS 281 21 5497-5497 NOV 1 2008
   0

22. End-substitution effect on the geometry and electronic structure of oligoheterocyclics
   THEORETICAL CHEMISTRY ACCOUNTS 121 3-4 109-122 OCT 2008
   0

23. Development of a wireless stress/strain measurement system integrated with pressure-sensitive nickel powder-filled cement-based sensors
   Han BG, Yu Y, Han BZ, et al.
   SENSORS AND ACTUATORS A-PHYSICAL 147 2 536-543 OCT 3 2008
   0

24. Proposal of high quality walk-off compensated sum frequency generation of ultra-short pulses
   Huang JJ, Chang YQ, Shen T, et al.
   OPTICS COMMUNICATIONS 281 20 5244-5248 OCT 15 2008
   0

25. IR transmittance of large-sized free-standing transparent diamond films prepared by MWPCVD
   Li B, Han B, Lu XY, et al.
   NEW CARBON MATERIALS 23 3 245-249 SEP 2008
   0

   ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE 64 M1338-U3120 PART 10 OCT 2008
27. Investigation of structures and properties of cyclic peptide nanotubes by experiment and molecular dynamics
Source: JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN
Volume: 22
Issue: 11
Pages: 773-781
Published: NOV 2008

28. Two-parameter quantum groups of exceptional type E-series and convex PBW-type basis
By Bai X T, Hu N H
Source: ALGEBRA COLLOQUIUM
Volume: 15
Issue: 4
Pages: 619-636
Published: DEC 2008

29. Pointing and tracking errors due to localized deformation in inter-satellite laser communication links
By Tan L Y, Yang Y Q, Ma J, et al.
Source: OPTICS EXPRESS
Volume: 16
Issue: 17
Pages: 13372-13380
Published: AUG 18 2008

30. Effect of Fe on martensitic transformation of NbRu high-temperature shape memory alloys: Experimental and theoretical study
By Tan C L, Tian X H, Cai W
Source: CHINESE PHYSICS LETTERS
Volume: 25
Issue: 9
Pages: 3372-3374
Published: SEP 2008

31. Mutual alignment errors due to localized distortion in free-space laser communication links
By Yang Y Q, Tan L Y, Ma J
Source: OPTICS COMMUNICATIONS
Volume: 281
Issue: 17
Pages: 4180-4187
Published: SEP 1 2008

32. Analysis of the steady director of nematic polymers in Hele-Shaw flow
By Sun J Y
Source: MOLECULAR CRYSTALS AND LIQUID CRYSTALS
Volume: 487
Issue: 23-30
Published: 2008

33. Nonlinear response of uniaxial ferromagnets and applications to surface magnetostatic waves
34. Title: Aggregation behavior of homo-PS/PS-b-P2VP blends at the air/water interface  
   Authors: Wen GY, Chung B, Chang T  
   Journal: MACROMOLECULAR RAPID COMMUNICATIONS  
   Volume: 29, Issue: 14, Pages: 1248-1253  
   Date: JUL 2008  
   Cites: 0

35. Title: Research on sintering stability of cubic silicon nitride synthesized by shock-wave  
   Authors: Yao H, Xu QY, Qi X, et al.  
   Journal: JOURNAL OF INORGANIC MATERIALS  
   Volume: 23, Issue: 4, Pages: 819-823  
   Date: JUL 2008  
   Cites: 0

36. Title: Electroless nickel-phosphorus plating on SiCp/Al composite from acid bath with nickel activation  
   Authors: Li LB, An MZ  
   Journal: JOURNAL OF ALLOYS AND COMPOUNDS  
   Volume: 461, Issue: 1-2, Pages: 85-91  
   Date: AUG 11 2008  
   Cites: 0

37. Title: Spiro-linked oligofluorenes and derivatives: Molecular design and theoretical study of one- and two-photon absorption properties  
   Authors: Yang ZD, Feng JK, Ren AM  
   Journal: CHEMICAL PHYSICS LETTERS  
   Volume: 461, Issue: 1-3, Pages: 9-15  
   Date: AUG 8 2008  
   Cites: 0

38. Title: The effect of ageing on the microstructure and mechanical properties of Ni53Mn23.5Ga18.5Ti5 ferromagnetic shape memory alloy  
   Authors: Dong GF, Tan CL, Gao ZY, et al.  
   Journal: SCRIPTA MATERIALIA  
   Volume: 59, Issue: 3, Pages: 268-271  
   Date: AUG 2008  
   Cites: 0

39. Title: Adhesion analysis of electroless Ni coating on SiCp/Al composite mirror substrate  
   Authors: Guo SW, Li LB, Zhang GY, et al.  
   Journal: RARE METAL MATERIALS AND ENGINEERING  
   Volume: 37, Issue: 6, Pages: 960-963  
   Date: JUN 2008  
   Cites: 0

40. Title: Local uniform rotundity and weak local uniform rotundity of Musielak-Orlicz sequence spaces endowed with the Orlicz norm
41. Basic theory of p-Amemiya norm in Orlicz spaces (1 \leq p \leq \infty): Extreme points and rotundity in Orlicz spaces endowed with these norms

42. Hot deformation behavior of a spray formed superalloy

43. Fundamental studies on in-process controlling angular distortion in asymmetrical double-sided double arc welding

44. Modification of Mg2Si morphology in Mg-Si alloys with Bi

45. Bipolar high-repetition-rate high-voltage nanosecond pulser

46. Elastic property and electronic structure of TiNiPt high-temperature shape memory alloys
47. Title: Formation process of AZ31B semi-solid microstructures through strain-induced melt activation method
   Authors: Ji ZS, Hu ML, Sugiyama S, et al.
   Citation: 1

48. Title: Numerical and experimental investigations of semi-solid AZ91D magnesium alloy in thixoforming process
   Authors: Sheng JZ, Hua YH, Ping ZX, et al.
   Citation: 0

49. Title: Diagnostic numerical simulation of large hydro-generator with insulation aging
   Authors: Li WL, Ding SY, Zhou F
   Citation: 0

50. Title: On the compactly locally uniformly rotund points of Orlicz spaces
    Authors: Chen LL, Cui Y
    Citation: 0

51. Title: Synthesis and characterisation of nano-alumina hybrid polyimide films
    Authors: Zhou HR, Liu XG, Zhao DM, et al.
    Citation: 0

52. Title: Hot deformation of spray formed nickel-base superalloy using processing maps
    Authors: Kang FW, Zhang GQ, Li Z, et al.
    Citation: 0

53. Title: Effects of loading paths on hydrodynamic deep drawing with independent radial hydraulic pressure of aluminum alloy based on numerical simulation
    Authors: Liu XJ, Xu YC, Yuan SJ
    Citation: 0
54.  
**Title**: Dynamic voltage-current characteristics for a water jet plasma arc
**Authors**: Yang JX, Lan S, Xu ZM
**Source**: APPLIED PHYSICS LETTERS
**Volume**: 92
**Issue**: 18
**Pages**: 181502
**Year**: MAY 2008
**Citations**: 0

55.  
**Title**: Characterization of inorganic nano-alumina composite film of polyimide
**Authors**: Zhou HR, Zhao DM, Liu XG, et al.
**Source**: SPECTROSCOPY AND SPECTRAL ANALYSIS
**Volume**: 28
**Issue**: 3
**Pages**: 707-710
**Year**: MAR 2008
**Citations**: 0

56.  
**Title**: TG-FTIR study on thermal degradation of polyethylene/graphite intercalation compounds
**Authors**: Han ZD, Pan HT, Dong LM, et al.
**Source**: CHINESE JOURNAL OF INORGANIC CHEMISTRY
**Volume**: 24
**Issue**: 5
**Pages**: 755-759
**Year**: MAY 10 2008
**Citations**: 0

57.  
**Title**: Dielectric and conduction properties of polyimide/silica nano-hybrid films
**Authors**: Zhang MY, Zeng SJ, Fan Y, et al.
**Source**: POLYMER COMPOSITES
**Volume**: 29
**Issue**: 6
**Pages**: 617-622
**Year**: JUN 2008
**Citations**: 0

58.  
**Title**: Direct high resolution in situ SEM observations of small fatigue crack opening profiles in the ultra-fine grain aluminium alloy
**Authors**: Zhang JZ, He XD, Tang H, et al.
**Source**: MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING
**Volume**: 485
**Issue**: 1-2
**Pages**: 115-118
**Year**: JUN 25 2008
**Citations**: 1

59.  
**Title**: Multi-component sorption of Pb(II), Cu(II) and Zn(II) onto low-cost mineral adsorbent
**Authors**: Prasad M, Xu HY, Saxena S
**Source**: JOURNAL OF HAZARDOUS MATERIALS
**Volume**: 154
**Issue**: 1-3
**Pages**: 221-229
**Year**: JUN 15 2008
**Citations**: 0

60.  
**Title**: The design of a plasma generator used in ships
**Authors**: Wang XZ, Yang JX, Lan B, et al.
**Source**: SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY
**Volume**: 51
**Pages**: 591-598
**Year**: JUN 2008
**Citations**: 0
61. □ □ : Characterization of ODPA-ODA polyimide non-woven membranes prepared by electrospinning
□ □ □ □ : International Symposium on Nonlinear Dynamics, OCT, 2007 Shanghai, PEOPLES R CHINA
□ □ □ □ : 0

62. □ □ : Utility function based fair data scheduling algorithm for OFDM wireless network
□ □ : Guo KQ, Sun LX, Jia SL
□ □ □ □ : 0

63. □ □ : Guaranteed cost control with constructing switching law of uncertain discrete-time switched systems
□ □ : Zhang Y, Duan GR
□ □ □ □ : 0

64. □ □ : Heuristic based data scheduling algorithm for OFDMA wireless network
□ □ : Guo KQ, Sun LX, Jia SL, et al.
□ □ □ □ : 0

65. □ □ : Defect structure and optical fixing holographic storage of Mg : Mn : Fe : LiNbO3 crystals
□ □ : Wei Z, Qiang G, Xu YH
□ □ □ □ : 0

66. □ □ : Complete classification of the direction loci for three-wave collinear quadratic parametric interactions in biaxial acentric crystals
□ □ : Huang JJ, Shen T, Ji GJ, et al.
□ □ □ □ : 0

67. □ □ : Fast predicting the graphite shape of cast iron by surface tension
68. Microwave-assisted synthesis LaPO₄: Ce, Tb and phosphor characterizations
JOURNAL OF RARE EARTHS 25 2 286-289 DEC 2007

69. Characterization of modified sol-gel derived xSrO·(1-x)BaO·0.5Nb(2)O₅·0.5TiO(2) composite ceramics
JOURNAL OF RARE EARTHS 25 2 436-439 DEC 2007

70. Initial study of strontium barium niobate/strontium barium titanium ceramics through a modified sol-gel
JOURNAL OF RARE EARTHS 25 2 523-526 DEC 2007

71. Preparation of PbTiO₃ conductive powders and coatings
Wang WL, Hao S, Wang CY
JOURNAL OF RARE EARTHS 25 2 561-564 DEC 2007

72. Theoretical study on the OH+CH₃NHC(O)OCH₃ reaction
JOURNAL OF COMPUTATIONAL CHEMISTRY 29 7 1170-1176 MAY 2008

73. Modeling of microstructure formation of Ti-6Al-4V alloy in a cold crucible under electromagnetic field
Wu SP, Liu DR, Su YQ, et al.
JOURNAL OF ALLOYS AND COMPOUNDS 456 1-2 85-95 MAY 2008
74. Some properties concerning Milman's moduli (vol 329, pg 1260, 2007)
   He C, Cui YN
   Journal of Mathematical Analysis and Applications
   Volume 342, Issue 2, Pages 1490-1491, June 15, 2008
   Impact Factor: 0

75. High-gain amplification of weak Stokes signal of stimulated Brillouin scattering in water
   Gao W, Lue ZW, He WM, et al.
   Acta Physica Sinica
   Volume 57, Issue 4, Pages 2248-2252, April 2008
   Impact Factor: 0

76. Effect of rod-like grain on properties and toughening mechanism of 3Y-TZP/Al2O3 ceramics
   Rong SF, Ji ZS, Zhu YC, et al.
   Transactions of Nonferrous Metals Society of China
   Volume 18, Issue 2, Pages 388-392, April 2008
   Impact Factor: 0

77. Theoretical studies on the reactions of acetone with chlorine atom and methyl radical
   Theoretical Chemistry Accounts
   Volume 119, Issue 1-6, Pages 445-451, April 2008
   Impact Factor: 0

78. Theoretical model and optimization of a novel temperature sensor based on quartz tuning fork resonators
   Jun X, Bo Y, Xin L, et al.
   Physica Scripta
   Volume T129, Issue 316-320, December 2007
   Impact Factor: 0

79. Modification effect of lanthanum on primary phase Mg2Si in Mg-Si alloys
   Wang LP, Guo EJ, Ma BX
   Journal of Rare Earths
   Volume 26, Issue 1, Pages 105-109, February 2008
   Impact Factor: 1

80. Modelling of dendritic growth under forced convection in solidification of Al-7Si alloy
   International Journal of Cast Metals Research
81. Design and consideration of wafer level micropackaging for distributed RF MEMS phase shifters
   He XJ, Wu Q, Jin BS, et al.
   Conference on Smart Sensors, Actuators and MEMS III, MAY 02-04, 2007
   Maspalomas, SPAIN
   MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS
   0

82. Copper(II)-(S)-bisoxazoline and Zinc(II)-(S)-bisoxazoline catalysed asymmetric 1,3-dipolar cycloaddition reactions of nitrones with electron-deficient alkenes
   JOURNAL OF CHEMICAL RESEARCH-S
   1

83. 1,1'-Dimethyl-1,1'-(butane-1,4-diyl)dipyrrolidinium dibromide methanol disolvate
   ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE
   0

84. Effect of chip size on mechanical property and microstructure of AZ91D magnesium alloy prepared by solid state recycling
   Hu ML, Ji ZS, Chen XY, et al.
   MATERIALS CHARACTERIZATION
   0

85. Photorefractive features of non-stoichiometry codoped Hf : Fe : LiNbO3 single crystals
   Liu B, Li CL, Bi JC, et al.
   CRYSTAL RESEARCH AND TECHNOLOGY
   43 : 3 : 260-265 : MAR 2008
   0

86. New method and device to fast measure surface tension of the melt and its applications in foundry
   Shi DQ, Li DY, Gao GL
   METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS
87. Title: Theoretical studies on the reactions of hydroxyl radicals with trimethylsilane and tetramethylsilane
   Cited: 0

88. Title: Method of fast forecasting mold filling capacity of Al-Si alloy by surface tension
   Authors: Shi DQ, Li DY, Gao GL, et al.
   Cited: 0

89. Title: Preparation and characterization of polyimide/Al2O3 hybrid films by sol-gel process
   Authors: Ma PC, Nie W, Yang ZH, et al.
   Cited: 0

90. Title: Theoretical study of one-photon and two-photon absorption properties for 2,1,3-benzothiadiazole-based red-fluorescent dyes
   Authors: Yang ZD, Feng JK, Ren AM
   Cited: 0

91. Title: Effect of Cu on microstructure and properties of Al2O3 diphase ceramic
   Authors: Rong SF, Ji ZS, Ma BX, et al.
   Journal: JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL, Volume: 14, Issue: Suppl. 1, Pages: 90-93, Publication Date: SEP 2007
   Cited: 0

92. Title: Modeling of microstructure refinement in Ti-6Al-4V alloy by hydrogen treatment
   Cited: 0
93. Title: AFM images of G(1)-phase premature condensed chromosomes: Evidence for 30 nm changed to 50 nm chromatin fibers
   Author: Fan YH, Mao RF, Bai J, et al.
   Source Publication: APPLIED SURFACE SCIENCE
   Volume: 254
   Issue: 6
   Pages: 1676-1683
   Date: JAN 15 2008
   Citations: 0

94. Title: Efficiency-aware and fairness-aware joint-layer optimization for downlink data scheduling in OFDM
   Source Publication: SCIENCE IN CHINA SERIES F-INFORMATION SCIENCES
   Volume: 51
   Issue: 2
   Pages: 171-182
   Date: FEB 2008
   Citations: 0

95. Title: Growth and holographic storage properties of Sc, FeCo-doped lithium niobate crystals
   Author: Wei Z, Zhang ND, Lei QQ
   Source Publication: JOURNAL OF RARE EARTHS
   Volume: 25
   Issue: 6
   Pages: 775-778
   Date: DEC 2007
   Citations: 0

96. Title: Holographic storage performance of near-stoichiometric In : Fe : LiNbO3 crystals
   Source Publication: MODERN PHYSICS LETTERS B
   Volume: 21
   Issue: 21
   Pages: 1391-1398
   Date: SEP 10 2007
   Citations: 0

97. Title: Influence of composition ratio variations on optical frequency conversion in mixed crystals. II. Random variation of composition ratio
   Author: Huang JJ, Gao W, Shen T, et al.
   Source Publication: JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS
   Volume: 24
   Issue: 12
   Pages: 3081-3090
   Date: DEC 2007
   Citations: 0

98. Title: Radiation properties of carbon nanotubes antenna at terahertz/infrared range
   Source Publication: INTERNATIONAL JOURNAL OF INFRARED AND MILLIMETER WAVES
   Volume: 29
   Issue: 1
   Pages: 35-42
   Date: JAN 2008
   Citations: 1

99. Title: Structure and kinematic analysis of a novel 2-DOF translational parallel robot
   Author: Chen T, Wu C, Liu XJ
   Source Publication: PROGRESS IN NATURAL SCIENCE
   Volume: 17
   Issue: 10
   Pages: 1213-1219
   Date: JAN 2008
   Citations: 0