

## 2007 年 SCI 收录我校师生论文一览

1. 标题: [Characteristics of hot compression deformation and microstructure evolution of spray formed nickel base superalloy](#)

作者: Kang FW, Sun JF, Mang GQ, et al.

来源出版物: **ACTA METALLURGICA SINICA** 卷: 43 期: 10 页: 1053-1058 出版年: OCT 2007

被引频次: 1

2. 标题: [Increased optical damage resistance of Zr : LiNbO3 crystals](#)

作者: Sun L, Guo FY, Lv Q, et al.

来源出版物: **CRYSTAL RESEARCH AND TECHNOLOGY** 卷: 42 期: 11 页: 1117-1122 出版年: NOV 2007

被引频次: 0

3. 标题: [Photorefractive properties of potassium lithium niobate crystals with CeO2 and Nd2O3](#)

作者: Liu B, Bi JC, Liu ZH, et al.

来源出版物: **JOURNAL OF RARE EARTHS** 卷: 25 期: 5 页: 643-646 出版年: OCT 2007

被引频次: 0

4. 标题: [Holographic storage properties of In : Fe : Mn : LiNbO3 crystals](#)

作者: Wang M, Wang R, Xu YL, et al.

来源出版物: **CHINESE JOURNAL OF STRUCTURAL CHEMISTRY** 卷: 26 期: 10 页: 1218-1222 出版年: 2007

被引频次: 0

5. 标题: [Hydrolysis to the first dumbbell-like high-nuclearity bismuth-oxo cluster \[Bi-12\( \$\mu\(3\)\$ -OH\)\(4\)\( \$\mu\(2\)\$ -OH\)\(2\)\( \$\mu\(3\)\$ -O\)\(8\)\( \$\mu\(4\)\$ -O\)\(2\)\(NO3\)\(6\)\]\(4+\): Synthesis, structure and spectroscopic characterizations](#)

作者: Liu B, Zhou WW, Zhou ZQ, et al.

来源出版物: **INORGANIC CHEMISTRY COMMUNICATIONS** 卷: 10 期: 10 页: 1145-1148 出版年: OCT 2007

被引频次: 0

6. 标题: [Well-dispersed ceria-promoted sulfated zirconia supported on mesoporous silica](#)

作者: Guo YK, Dong ZW

来源出版物: **CATALYSIS LETTERS** 卷: 119 期: 1-2 页: 120-125 出版年: NOV 2007

被引频次: 0

7. 标题: [Synthesis and properties of conjugated polymer with carboxylic acids](#)

作者: Lee WC, Jin SH, Gui TL, et al.

来源出版物: **MOLECULAR CRYSTALS AND LIQUID CRYSTALS** 卷: 472 页: 629-636 出版年: 2007

被引频次: 0

8. 标题: [Study on multitoughening Al<sub>2</sub>O<sub>3</sub> ceramics with composite 3Y-TZP additives](#)  
作者: Rong SF, Ji ZS, Zhang JQ, et al.  
来源出版物: **RARE METAL MATERIALS AND ENGINEERING** 卷: 36 页: 279-281 增刊: **Suppl. 1** 出版年: **AUG 2007**  
被引频次: 0
9. 标题: [Interchain impacts on electronic structures of Heterocyclic oligomers and polymers containing group 14, 15, and 16 heteroatoms: Quantum chemical calculations in combination with molecular dynamics Simulations](#)  
作者: Zhang GL, Ma J, Wen J  
来源出版物: **JOURNAL OF PHYSICAL CHEMISTRY B** 卷: 111 期: 40 页: 11670-11679 出版年: **OCT 11 2007**  
被引频次: 5
10. 标题: [Influence of composition ratio variation on optical frequency conversion in mixed crystals. I. Gradual variation of composition ratio](#)  
作者: Huang JJ, Ji GJ, Shen T, et al.  
来源出版物: **JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS** 卷: 24 期: 9 页: 2443-2453 出版年: **SEP 2007**  
被引频次: 1
11. 标题: [Substitution effect on the geometry and electronic structure of the ferrocene](#)  
作者: Zhang GL, Zhang H, Sun M, et al.  
来源出版物: **JOURNAL OF COMPUTATIONAL CHEMISTRY** 卷: 28 期: 14 页: 2260-2274 出版年: **NOV 15 2007**  
被引频次: 2
12. 标题: [Analysis of the effects of compressive stresses on fatigue crack propagation rate](#)  
作者: Zhang J, He XD, Du SY  
会议信息: 6th International Conference on Fatigue Damage of Structural Materials, SEP 17-22, 2006 Hyannis, MA  
来源出版物: **INTERNATIONAL JOURNAL OF FATIGUE** 卷: 29 期: 9-11 页: 1751-1756 出版年: **SEP-NOV 2007**  
被引频次: 2
13. 标题: [Study on the growth and photorefractive properties of In : Fe : Cu : LiNbO<sub>3</sub> crystals](#)  
作者: Wang R, Liu WH, Xu YL, et al.  
来源出版物: **CHINESE JOURNAL OF STRUCTURAL CHEMISTRY** 卷: 26 期: 9 页: 1023-1026 出版年: **2007**  
被引频次: 0
14. 标题: [Influence of oxidation and reduction treatments on the photorefractive properties of Mg : In : Fe : LiNbO<sub>3</sub> crystals](#)  
作者: Wang R, Wang J, Xu YL, et al.

来源出版物: **CHINESE JOURNAL OF STRUCTURAL CHEMISTRY** 卷: 26 期: 9 页:  
1102-1106 出版年: 2007  
被引频次: 0

15. 标题: [Correlations between IMC thickness and three factors in Sn-3Ag-0.5Cu alloy system](#)  
作者: Meng GG, Takemoto T, Nishikawa H  
来源出版物: **TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA** 卷: 17 期: 4 页:  
686-690 出版年: **AUG 2007**  
被引频次: 0

16. 标题: [Gain-scheduled stabilisation of linear parameter-varying systems with time-varying input delay](#)  
作者: Wang J, Shi P, Gao H, et al.  
来源出版物: **IET CONTROL THEORY AND APPLICATIONS** 卷: 1 期: 5 页: 1276-1285 出版年:  
**SEP 2007**  
被引频次: 3

17. 标题: [Synthesis, crystal structure and fluorescence of a new triazolated-bridged 2-D coordination polymer](#)  
作者: Liu B, Zhou ZQ, Zhang XC, et al.  
来源出版物: **INORGANIC CHEMISTRY COMMUNICATIONS** 卷: 10 期: 9 页: 1095-1098 出版年:  
**SEP 2007**  
被引频次: 6

18. 标题: [A hybrid genetic algorithm for feature selection wrapper based on mutual information](#)  
作者: Huang JJ, Cai YZ, Xu XM  
来源出版物: **PATTERN RECOGNITION LETTERS** 卷: 28 期: 13 页: 1825-1844 出版年: **OCT 1 2007**  
被引频次: 7

19. 标题: [Influence of Mg/Er co-doping on the principal laser parameters of LiNbO<sub>3</sub> crystals](#)  
作者: Sun L, Yu HT, Lv Q, et al.  
来源出版物: **CRYSTAL RESEARCH AND TECHNOLOGY** 卷: 42 期: 7 页: 730-736 出版年: **JUL 2007**  
被引频次: 3

20. 标题: [Growth kinetics of gamma ' phase of spray formed Ni-base superalloy during short-term ageing](#)  
作者: Kang FW, Sun JF, Zhang GQ, et al.  
来源出版物: **RARE METAL MATERIALS AND ENGINEERING** 卷: 36 期: 7 页: 1205-1209 出版年:  
**JUL 2007**  
被引频次: 0

21. 标题: [Theoretical study on the structure and conductivity of tungsten bronzes  \$\text{Na}\_x\text{La}\_y\text{WO}\_3\$](#)

作者: Pang XH, Zhang GL, Yang LQ, et al.

来源出版物: **ACTA CHIMICA SINICA** 卷: 65 期: 13 页: 1197-1201 出版年: JUL 14 2007

被引频次: 0

22. 标题: [Theoretical studies on the reactions  \$\text{Cl} + \text{CH}\_3\text{COCCl}\_2\text{X}\$  \( \$\text{X} = \text{F}, \text{Cl}, \text{Br}\$ \)](#)

作者: Zhang H, Zhang GL, Liu JY, et al.

来源出版物: **CHEMICAL PHYSICS LETTERS** 卷: 442 期: 4-6 页: 187-193 出版年: JUL 17 2007

被引频次: 0

23. 标题: [Removal mechanism of aqueous lead by a novel eco-material: Carbonate hydroxyapatite](#)

作者: Xu HY, Yang L, Wang P, et al.

来源出版物: **JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY** 卷: 23 期: 3 页: 417-422 出版年: MAY 2007

被引频次: 0

24. 标题: [First-principles study on alloying effect on martensitic transformation behavior of TiNi alloy](#)

作者: Cai W, Tan CL, Shen T, et al.

来源出版物: **JOURNAL OF ALLOYS AND COMPOUNDS** 卷: 438 期: 1-2 页: 30-33 出版年: JUL 12 2007

被引频次: 0

25. 标题: [Effect of water on sulfur dioxide \( \$\text{SO}\_2\$ \) and nitrogen oxides \( \$\text{NO}\_x\$ \) removal from flue gas in a direct current corona discharge reactor](#)

作者: Yang JX, Chi XC, Dong LM

来源出版物: **JOURNAL OF APPLIED PHYSICS** 卷: 101 期: 10 文献编号: 103304 出版年: MAY 15 2007

被引频次: 2

26. 标题: [Pilot-scale study of biomass reduction in wastewater treatment](#)

作者: Wang QH, Ai HY, Li XS, et al.

来源出版物: **WATER ENVIRONMENT RESEARCH** 卷: 79 期: 5 页: 521-527 出版年: MAY 2007

被引频次: 1

27. 标题: [Preparation of helicopter rotor counterbalance component by means of permanent-mold casting](#)

作者: Liu ZJ, Zuo F, Ren SZ, et al.

来源出版物: **TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA** 卷: 17 期: 2 页: 357-362 出版年: APR 2007

被引频次: 0

28. 标题: [Research on selective optical amplification of Brillouin spectrum of weak scattering signals in water](#)

作者: Gao W, Lu ZW, He WM, et al.

来源出版物: **ACTA PHYSICA SINICA** 卷: 56 期: 5 页: 2693-2698 出版年: MAY 2007

被引频次: 3

29. 标题: [Preparation and electrochemical properties of a SM<sub>2</sub>-xSr<sub>x</sub>NiO<sub>4</sub> cathode for an IT-SOFC](#)

作者: Li Q, Fan Y, Zhao H, et al.

来源出版物: **JOURNAL OF POWER SOURCES** 卷: 167 期: 1 页: 64-68 出版年: MAY 1 2007

被引频次: 7

30. 标题: [Ultrastructural organization of premature condensed chromosomes at S-phase as observed by atomic force microscopy](#)

作者: Fan YH, Zhang XH, Bai J, et al.

来源出版物: **APPLIED SURFACE SCIENCE** 卷: 253 期: 12 页: 5281-5286 出版年: APR 15 2007

被引频次: 1

31. 标题: [Molecular modeling investigation of adsorption of self-assembled peptide nanotube of cyclo-\[\(1R,3S\)-gamma-Acc-D-Phe\]\(3\) in CHCl<sub>3</sub>](#)

作者: Cheng J, Zhu JC, Liu B

来源出版物: **CHEMICAL PHYSICS** 卷: 333 期: 2-3 页: 105-111 出版年: MAR 30 2007

被引频次: 1

32. 标题: [Effect of holding time on thixotropic fluidity of semi-solid AZ91D magnesium alloy](#)

作者: Ji ZS, Hu ML, Zheng XP

来源出版物: **JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY** 卷: 23 期: 2 页:

247-252 出版年: MAR 2007

被引频次: 3

33. 标题: [Extreme points and strong U-points in Musielak-Orlicz sequence spaces equipped with the Orlicz norm](#)

作者: Cui YN, Hudzik H, Wisla M, et al.

来源出版物: **ZEITSCHRIFT FUR ANALYSIS UND IHRE ANWENDUNGEN** 卷: 26 期: 1 页:

87-101 出版年: 2007

被引频次: 0

34. 标题: [Reactivity of hydroxybenzoic acids in the hydrogen-isotope exchange reaction](#)

作者: Zhao D, Imaizumi H, Lei Q, et al.

来源出版物: **APPLIED RADIATION AND ISOTOPES** 卷: 65 期: 5 页: 469-473 出版年: MAY 2007

被引频次: 0

35. 标题: [Synthesis and electro-optical properties of a polyacetylene derivative: poly\(ethynylestradiol 3-methyl ether\)](#)

作者: Gui TL, Yin JH, Wang DX, et al.

来源出版物: **MOLECULAR CRYSTALS AND LIQUID CRYSTALS** 卷: 463 页: 345-351 出版年: **FEB 2007**

被引频次: 0

36. 标题: [Numerical calculation of multicoupled fields in large salient synchronous generator](#)

作者: Li WL, Ding SY, Jin HY, et al.

会议信息: 12th Biennial IEEE Conference on Electromagnetic Field computation, APR 30-MAY 03, 2006  
Miami, FL

来源出版物: **IEEE TRANSACTIONS ON MAGNETICS** 卷: 43 期: 4 特刊: **Sp. Iss. SI** 页:  
**1449-1452** 出版年: **APR 2007**

被引频次: 0

37. 标题: [Finite-element analysis of field distribution and characteristic performance of squirrel-cage induction motor with broken bars](#)

作者: Li WL, Xie Y, Shen JF, et al.

会议信息: 12th Biennial IEEE Conference on Electromagnetic Field computation, APR 30-MAY 03, 2006  
Miami, FL

来源出版物: **IEEE TRANSACTIONS ON MAGNETICS** 卷: 43 期: 4 特刊: **Sp. Iss. SI** 页:  
**1537-1540** 出版年: **APR 2007**

被引频次: 1

38. 标题: [Giant dielectric permittivities in functionalized carbon-nanotube/electroactive-polymer nanocomposites](#)

作者: Dang ZM, Wang L, Yin Y, et al.

来源出版物: **ADVANCED MATERIALS** 卷: 19 期: 6 页: 852+ 出版年: **MAR 19 2007**

被引频次: 19

39. 标题: [Effect of polycarbosilane content on microstructures and mechanical properties of short-carbon-fibre-reinforced SiC composites](#)

作者: He XL, Dai YG, Guo YG, et al.

来源出版物: **ADVANCED COMPOSITES LETTERS** 卷: 15 期: 3 页: 101-106 出版年: 2006

被引频次: 0

40. 标题: [Theoretical study on the Br+CH<sub>3</sub>SCH<sub>3</sub> reaction](#)

作者: Zhang H, Zhang GL, Wang L, et al.

来源出版物: **JOURNAL OF COMPUTATIONAL CHEMISTRY** 卷: 28 期: 7 页: 1153-1159 出版年:  
**MAY 2007**

被引频次: 0

41. 标题: [Some properties concerning Milman's moduli](#)

作者: He C, Cui YN

来源出版物: **JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS** 卷: 329 期: 2 页:  
**1260-1272** 出版年: **MAY 15 2007**

被引频次: 2

42. 标题: [WC reinforced surface metal matrix composite produced by plasma melt injection](#)

作者: Zhao MH, Liu AG, Guo MH, et al.

来源出版物: **SURFACE & COATINGS TECHNOLOGY** 卷: 201 期: 3-4 页: 1655-1659 出版年: **OCT 5 2006**

被引频次: 5

43. 标题: [Structural, electronic and elastic properties of NbRu high-temperature shape memory alloys](#)

作者: Tan CL, Cai W, Tian XH

来源出版物: **SCRIPTA MATERIALIA** 卷: 56 期: 7 页: 625-628 出版年: **APR 2007**

被引频次: 0

44. 标题: [Integrated gas sensor-based on MEMS](#)

作者: Zhang HQ, Zhang T, Sun LK, et al.

会议信息: 6th East Asian Conference on Chemical Sensors (EACCS-6), NOV 06-09, 2005 Guillin, PEOPLES R CHINA

来源出版物: **RARE METAL MATERIALS AND ENGINEERING** 卷: 35 页: 173-175 增刊: **Suppl. 3** 出版年: **DEC 2006**

被引频次: 0

45. 标题: [Study on environmental multi-parameter sensor based on MEMS](#)

作者: Zhang HQ, Zhang T, Sun LK, et al.

会议信息: 6th East Asian Conference on Chemical Sensors (EACCS-6), NOV 06-09, 2005 Guillin, PEOPLES R CHINA

来源出版物: **RARE METAL MATERIALS AND ENGINEERING** 卷: 35 页: 377-380 增刊: **Suppl. 3** 出版年: **DEC 2006**

被引频次: 0

46. 标题: [Preparation of expandable graphite intercalated by ammonium phosphate and ammonium polyphosphate](#)

作者: Han ZD, Zhang DW, Dong LM, et al.

来源出版物: **CHINESE JOURNAL OF INORGANIC CHEMISTRY** 卷: 23 期: 2 页: 286-290 出版年: **FEB 2007**

被引频次: 1

47. 标题: [Preparation and electrochemical properties of composite cathode La<sub>1.6</sub>Sr<sub>0.4</sub>NiO<sub>4</sub>-Ce<sub>0.9</sub>Gd<sub>0.1</sub>O<sub>1.9</sub> for IT-SOFC](#)

作者: Li Q, Fan Y, Sun LP, et al.

来源出版物: **CHINESE JOURNAL OF INORGANIC CHEMISTRY** 卷: 23 期: 2 页: 300-304 出版年: **FEB 2007**

被引频次: 0

48. 标题: [Nonlinear infrared transmission through and reflection off antiferromagnetic films](#)  
作者: Bai J, Zhou S, Liu FL, et al.  
来源出版物: **JOURNAL OF PHYSICS-CONDENSED MATTER** 卷: 19 期: 4 文献编号: 046217 出版年: JAN 31 2007  
被引频次: 2
49. 标题: [An equation for Young's modulus in rubber-toughened PMMA as a function of strain rate and rubber content](#)  
作者: Gong S, Bandyopadhyay S  
来源出版物: **JOURNAL OF REINFORCED PLASTICS AND COMPOSITES** 卷: 26 期: 2 页: 147-153 出版年: 2007  
被引频次: 0
50. 标题: [A comparative study on the synergistic effect of expandable graphite with APP and IFR in polyethylene](#)  
作者: Han ZD, Dong LM, Li Y, et al.  
来源出版物: **JOURNAL OF FIRE SCIENCES** 卷: 25 期: 1 页: 79-91 出版年: JAN 2007  
被引频次: 2
51. 标题: [Synthesis of BaFe<sub>12</sub>O<sub>19</sub>/MFe<sub>2</sub>O<sub>4</sub> \(M = Co, Mn\) by sol-gel method](#)  
作者: Han ZD, Dong LM, Zhang DW, et al.  
会议信息: Beijing International Materials Week, JUN 25-30, 2006 Beijing, PEOPLES R CHINA  
来源出版物: **RARE METALS** 卷: 25 特刊: Sp. Iss. SI 页: 462-465 出版年: OCT 2006  
被引频次: 0
52. 标题: [Synthesis of hexagonal barium ferrite nanoparticle by sol-gel method](#)  
作者: Dong LM, Han ZD, Zhang YM, et al.  
会议信息: Beijing International Materials Week, JUN 25-30, 2006 Beijing, PEOPLES R CHINA  
来源出版物: **RARE METALS** 卷: 25 特刊: Sp. Iss. SI 页: 605-608 出版年: OCT 2006  
被引频次: 0
53. 标题: [Effect of spreading solvents on Langmuir monolayers and Langmuir-Blodgett films of PS-b-P2VP](#)  
作者: Wen GY, Chung B, Chang TH  
来源出版物: **POLYMER** 卷: 47 期: 26 页: 8575-8582 出版年: DEC 8 2006  
被引频次: 3
54. 标题: [Melt process and performance of multi-walled carbon nanotubes reinforced LDPE composites](#)  
作者: Zhao D, Lei Q, Qin C, et al.  
来源出版物: **PIGMENT & RESIN TECHNOLOGY** 卷: 35 期: 6 页: 341-345 出版年: 2006  
被引频次: 0



55. 标题: [Preparation and sinterability of Mn-Zn ferrite powders by sol-gel method](#)

作者: Dong LM, Han ZD, Zhang YM, et al.

会议信息: 2nd International Conference on Rare Earth Research and Applications, FEB 23-MAR 02, 2006 Honk Kong, PEOPLES R CHINA

来源出版物: **JOURNAL OF RARE EARTHS** 卷: 24 特刊: **Sp. Iss. SI** 页: 54-56 出版年: **DEC 2006**

被引频次: 2

56. 标题: [Structure of BaLaxFe12-xO19/SiO2 synthesized by sol-gel method](#)

作者: Han ZD, Dong LM, Wu Z, et al.

会议信息: 2nd International Conference on Rare Earth Research and Applications, FEB 23-MAR 02, 2006 Honk Kong, PEOPLES R CHINA

来源出版物: **JOURNAL OF RARE EARTHS** 卷: 24 特刊: **Sp. Iss. SI** 页: 75-77 出版年: **DEC 2006**

被引频次: 0

57. 标题: [XPS study on barium lanthanum magnesium niobate](#)

作者: Shan LW, Zhang XY

会议信息: 2nd International Conference on Rare Earth Research and Applications, FEB 23-MAR 02, 2006 Honk Kong, PEOPLES R CHINA

来源出版物: **JOURNAL OF RARE EARTHS** 卷: 24 特刊: **Sp. Iss. SI** 页: 310-313 出版年: **DEC 2006**

被引频次: 0

58. 标题: [Theoretical investigation of one-photon and two-photon absorption properties for multiply N-confused porphyrins](#)

作者: Yang ZD, Feng JK, Ren AM, et al.

来源出版物: **JOURNAL OF PHYSICAL CHEMISTRY A** 卷: 110 期: 51 页: 13956-13965 出版年: **DEC 28 2006**

被引频次: 7

59. 标题: [Preparation of polyimide/inorganic nanoparticle hybrid films by sol-gel method](#)

作者: Liu LZ, Liang B, Wang W, et al.

来源出版物: **JOURNAL OF COMPOSITE MATERIALS** 卷: 40 期: 23 页: 2175-2183 出版年: **DEC 2006**

被引频次: 1