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陈豫增

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基本信息 The basic information

姓名: 陈豫增

学院: 材料学院

学历: 博士研究生毕业

学位:

博士

职称: 教授

职务:

学科: **工作经历 Work Experience**

邮箱: yzchen@nwpu.edu.cn

材料科学与工程

电话: 02988493598

2009年至2011年: 德国哥廷根大学, 洪堡学者

2011年至2014年: 西北工业大学, 副教授

2014年至今: 西北工业大学, 教授

招生信息 Admission Information

每年招收硕士生3名, 博士生2名。招生专业: 材料加工工程, 材料学

荣誉获奖 Awards Information

2009年: 德国洪堡奖学金

2011年: Nanospd5国际会议 Gold Award for Excellent Poster Presentation

2012年: 西安市青年科技人才奖

2013年: 教育部新世纪优秀人才支持计划

2016年: 陕西省青年科技新星

科学研究 Scientific Research

- 1、金属纳米晶材料的制备、表征、热稳定性及相关应用
- 2、快速凝固理论与技术
- 3、晶体材料的微观缺陷控制

学术成果 Academic Achievements

在Acta Materialia、Scripta Materialia等权威学术期刊发表论文60余篇, 所发表论文被他人引用257次, 受邀在国内外重要学术会议上做邀请报告7次。

学术文献 Academic Literature

1. On the thermodynamic aspect of interaction between dislocations and highly mobile interstitial solute: With special focus on recent progress in Pd-H system: A review , Chinese Society for Metals,2016,29(2),120-128 ,DOI:10.1007/s40195-016-0367-4, ISSN:10067191
2. 非平衡凝固对随后固态转变的影响, 2009,29(1),41-51 ,DOI:10.3969/j.issn.1673-9965.2009.01.011, ISSN:1000-5714
3. 深过冷快速凝固Fe82.5Ni17.5合金的组织演化, 2007,28(z1),S178-S182 ,DOI:10.3321/j.issn:1000-6893.2007.z1.032, ISSN:1000-6893
4. 热处理对AuCuPtPdNiRh合金显微组织的影响, 2014,(z1),49-56 ,DOI:10.3969/j.issn.1004-0676.2014.z1.012, ISSN:1004-0676
5. Determination of Solid Fraction from Cooling Curve , SPRINGER,2012,43A(4),1268-1276 ,DOI:10.1007/s11661-011-0948-9, ISSN:1073-5623
6. Strain rate sensitivity and deformation kinetics of ECAPed aluminium over a wide range of strain rates , ELSEVIER SCIENCE SA,2013,560,545-551 ,DOI:10.1016/j.msea.2012.09.100, ISSN:0921-5093
7. Structural modification and phase transformation kinetics: crystallization of amorphous Fe40Ni40P14B6 eutectic alloy , SPRINGER,2014,49(2),842-857 ,DOI:10.1007/s10853-013-7768-9, ISSN:0022-2461
8. Hydrogen diffusivities as a measure of relative dislocation densities in palladium and increase of the density by plastic deformation in the presence of dissolved hydrogen , PERGAMON-ELSEVIER SCIENCE LTD,2015,82,266-274 ,DOI:10.1016/j.actamat.2014.09.013, ISSN:1359-6454
9. A thermo-kinetic model for martensitic transformation kinetics in low-alloy steels , ELSEVIER SCIENCE SA,2015,647,763-767 ,DOI:10.1016/j.jallcom.2015.05.266, ISSN:0925-8388
10. Effects of Alloying on Nanoscale Grain Growth in Substitutional Binary Alloy System: Thermodynamics and Kinetics , SPRINGER,2015,46A(11),5431-5443 ,DOI:10.1007/s11661-015-3107-x, ISSN:1073-5623
11. 多相竞争形核对相结构和过冷度的依赖性, 2004,53(12),968-971 ,DOI:10.3321/j.issn:1001-4977.2004.12.004, ISSN:1001-4977
12. 深过冷Ni80.3B19.7合金的再辉和非规则共晶的形成, Chinese Journal of Materials Research,2005,19(4),382-388 ,DOI:, ISSN:1005-3093
13. 深过冷Ni-Si共晶合金晶粒细化机制, 2005,19(7),130-132 ,DOI:, ISSN:1005-023X
14. 非平衡凝固Fe-Ni包晶合金的delta / gamma相变, 2007,37(3),294-302 ,DOI:, ISSN:1672-1780
15. Thermal stability of mechanical properties of a high strength cold-drawn pearlitic steel wire , Editorial Office of Transactions of Materials, 18 Xueqing Road, Beijing, 100083, China,2013,34(SUPPL.2),58-62 ,DOI:, ISSN:10096264
16. Inhibition of grain coarsening in nanocrystalline Fe-C alloys by interaction between carbon and grain boundaries , Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durten, CH-8635, Switzerland,2014,904,184-188 ,DOI:10.4028/www.scientific.net/AMR.904.184, ISSN:9783038350460
17. TEM observation of recrystallisation in rapidly solidified hypercooled Co80Pd20 alloy , Maney Publishing, Suite 1C, Joseph's Well, Hanover Walk, Leeds, LS3 1AB, United Kingdom,2012,28(7),886-889 ,DOI:10-1179/1743284712Y.0000000049, ISSN:
18. Age-hardening behavior of Pd-Ag-Sn-In-Zn alloy , Trans Tech Publications Ltd,2014,1028,14-19 ,DOI:10.4028/www.scientific.net/AMR.1028.14, ISSN:9783038352440
19. 碳合金化对铁碳纳米晶形成的影响, 2012,,88 ,DOI:, ISSN:
20. 深过冷快速凝固Fe82.5Ni17.5合金的组织演化, 2006,,24-29 ,DOI:, ISSN:
21. Solidification structure evolution in undercooled Fe82.5Ni17.5 melts , AAAS Press of Chinese Society of Aeronautics and, P.O. Box 399, Beijing, China,2007,28 (SUPPL.),178-182 ,DOI:, ISSN:10006893
22. Solidification regularity of highly undercooled Fe-Co alloy , Chinese Academy of Sciences, 72 Wenhua Road, Shenyang, 110015, China,2007,43(5),449-453 ,DOI:, ISSN:04121961
23. Thermal stability of mechanical properties of a high strength cold-drawn pearlitic steel wire , Editorial Office of Transactions of Materials, 18 Xueqing Road, Beijing, 100083, China,2013,34(SUPPL.2),58-62 ,DOI:, ISSN:10096264
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25. 热处理对AuCuPtPdNiRh合金显微组织的影响, 2014,,49-56 ,DOI:, ISSN:
26. Research on grain refinement mechanism in undercooled Fe75Ni25 alloy , Chinese Academy of Sciences,2006,42(7),703-707 ,DOI:, ISSN:04121961
27. Microstructure evolution in undercooled Fe-7.5 at% Ni alloys , ELSEVIER SCIENCE BV,2005,282(3-4),490-497 ,DOI:10.1016/j.jcrysgro.2005.05.016, ISSN:0022-0248

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59. 非平衡凝固Fe-Ni包晶合金的 δ/γ 相变 , 2007,(03),294-302 ,DOI:, ISSN:1672-1780
60. 深过冷快速凝固Fe_(82.5)Ni_(17.5)合金的组织演化 , 2007,(S1),178-182 ,DOI:, ISSN:1000-6893

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