

学院概况

师资队伍

科学研究

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副教授-副研究员

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学院师资

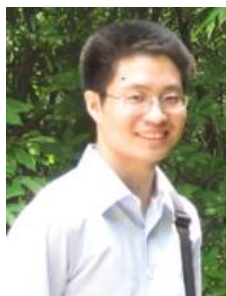
学院师资

人才引进

博士后流动站

吴小志

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吴小志，副教授/博士生导师

研究方向

缺陷物理、计算凝聚态物理/计算材料科学
材料物理性质的第一性原理研究

教育背景及工作经历

2000.09-2004.07 重庆大学应用物理学士
2004.09-2009.07 重庆大学凝聚态物理博士
2009.09-2010.10 重庆大学物理系讲师
2010.10-至今 重庆大学物理系副教授
2010.05 遴选为硕士生导师
2010.10 副教授
2013.05 遴选为博士生导师
2016.01-2016.02 上海交通大学材料学院访问
2016.07-2016.09 南方科技大学物理系访问
2018.09-2019.03 加拿大英属哥伦比亚大学访问

科研情况

从事凝聚态物理和材料科学交叉领域的研究工作，主要涉及位错、层错、孪晶界等微观缺陷及其与高性能材料性质相关的研究，关注电子层次的理解，强调理论模拟与实验相结合的思路。已发表SCI检索论文50余篇，在美国Nova出版社参编专著一章。Acta Mater., JACS, Philos. Mag., J. Alloys Compd., Chin. Phys. B等SCI检索期刊审稿人, 国家自然科学基金评审专家、教育部学位中心论文评审专家、全国大学生物理学术竞赛裁判、重庆大学大学生物理学术竞赛团队负责人。获重庆大学黄尚廉院士青年创新奖、重庆大学优秀青年教师、重庆物理学会先进工作者。已培养毕业博士5名、硕士10名，培养毕业的学生获研究生国家奖学金、重庆大学研究生学术奖、重庆市优秀硕士学位论文等。

主持研究项目

国家自然科学基金面上项目(12174040)，2022-2025
重庆市基础学科面上项目(cstc2020jcyj-msxmX0118)，2020-2022
中央高校基本科研业务费前沿交叉研究项目(2019CDQYWL029)，2019-2020
中央高校基本科研业务费前沿交叉研究项目(CDJXY300003)，2016-2018
科学挑战专题资助项目子课题(TZ2016003)，2016-2017
中央高校基本科研业务费项目(CQDXWL2014003)，2014-2016
国家重点实验室访问学者项目(2011DA105287)，2013-2014
国家自然科学基金青年项目(11104361)，2012-2014
重庆大学博士科研启动基金，2009

科研论文

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