



**周张健**，1972年6月出生，材料科学与工程学院教授，北京市科技新星。1993年在中国地质大学（武汉）岩石矿物学专业获学士学位，1996年在中国地质大学（北京）材料学专业获硕士学位，2007年在北京科技大学材料学专业获博士学位。曾赴韩国蔚山大学和德国于力希研究中心从事合作研究。目前主要从事极端环境用先进材料研究。目前兼任国际梯度材料顾问委员会（IACFGM）委员；The Journal of Nuclear Materials（核材料）杂志编辑顾问委员会委员；The Scientific World Journal 杂志编委。

### 【在研科研项目】

1. 科技部 ITER 计划课题“聚变堆用 ODS 钢的批量制备技术及关键服役性能研究”，（2015GB121006），2015 年-2019 年
2. 中欧合作项目，中-欧超临界水堆堆外性能评价课题，2012 年-2015 年
3. 国际原子能机构（IAEA）CRP 国际合作计划，“Benchmarking of advanced materials pre-selected for innovative nuclear reactors”，（Contract 16763），2011 年-2015 年

### 【代表性学术论文】

1. Mingyue Zhao, Zhangjian Zhou, Qingming Ding, Ming Zhong and Jun Tan, The investigation of Y doping content effect on the microstructure and microhardness of tungsten materials, Materials Science and Engineering A, 618(2014)572–577
2. Kun Mo, Zhangjian Zhou, et al, Synchrotron study on load partitioning between ferrite/martensite and nanoparticles of a 9Cr ODS steel, Journal of Nuclear Materials 455 (2014) 376–381
3. Zhangjian Zhou, Jun Tan, Dandan Qu, Gerald Pintsuk, Manfred Rödiger, Jochen Linke, Basic characterization of oxide dispersion strengthened fine-grained tungsten based materials fabricated by mechanical alloying and spark plasma sintering, Journal of Nuclear Materials, 431 (2012) 202–205



**Zhangjian Zhou**, the professor of School of Materials Science and Engineering, received his B.E. and M.E. in petrology and mineralogy from China Geoscience University, in 1993 and 1996, and his Ph.D. in materials science from University of Science and Technology Beijing in 2007. His recent research interest is to design, synthesis and investigation of advanced materials application for the extreme environment, such as nuclear system. He is Member of the Advisory Editorial Board of the Journal of Nuclear Materials and Member of International Advisory Committees for FGM' S.

#### **【Publications】**

1. Mingyue Zhao, Zhangjian Zhou, Qingming Ding, Ming Zhong and Jun Tan, The investigation of Y doping content effect on the microstructure and microhardness of tungsten materials, *Materials Science and Engineering A*, 618(2014)572–577
2. Kun Mo, Zhangjian Zhou, et al, Synchrotron study on load partitioning between ferrite/martensite and nanoparticles of a 9Cr ODS steel, *Journal of Nuclear Materials* 455 (2014) 376 - 381
3. Zhangjian Zhou, Jun Tan, Dandan Qu, Gerald Pintsuk, Manfred Rödiger, Jochen Linke, Basic characterization of oxide dispersion strengthened fine-grained tungsten based materials fabricated by mechanical alloying and spark plasma sintering, *Journal of Nuclear Materials*, 431 (2012) 202–205