



于浩, 1970年10月出生,材料科学与工程学院教授。1995年在华北工学院获学士学位,1998年在山东工业大学获硕士学位,2003年在北京科技大学材料加工专业获博士学位。主要从事轧制技术与组织性能的智能控制;钢的组织性能综合控制理论与应用研究及新产品开发;金属塑性加工与成形过程模拟仿真;功能钢铁材料研究及开发。目前兼任材料科学与工程学院院长助理。

【在研科研项目】

1. 国家自然科学基金,具有TRIP效应高强韧钢的亚稳奥氏体演变规律、影响因素与增塑增韧机理,2014-2018年
2. 校企合作,微合金化超高强钢氢致延迟断裂基础研究,2015年-2016年
3. 校企合作,铌微合金化高强度耐候热轧H型钢的开发与应用,2014年-2016年

【代表性学术论文】

1. Jing Sun, Hao Yu, Shaoyang Wang, et al. Study of microstructural evolution, microstructure-mechanical properties correlation and collaborative deformation-transformation behavior of quenching and partitioning (Q&P) steel[J]. *Materials Science and Engineering A*,2014,596(2):89-97.
2. Tao, Pan; Yu, Hao; Fan, Yongfei. Effects of cooling method after intercritical heat treatment on microstructural characteristics and mechanical properties of as-cast high-strength low-alloy steel[J]. *Materials and Design*,2014,54(2):914-923.
3. Wu, MaoMeng; Yu, Hao; Xu, Meng. A preliminary research on V/N-TiO₂ self-cleaning thin film by sol-gel method under the guidance of first principle method density functional theory (DFT) [J]. *Applied Catalysis B:Environmental*, 2013, 129(1): 351-366.
4. Jing Sun, Hao Yu. Microstructure development and mechanical properties of quenching and partitioning (Q&P) steel and an incorporation of hot-dipping galvanization during Q&P process[J]. *Materials Science and Engineering A*,2013, 586(12):100-107.
5. Yu Fu, Hao Yu. Application of mathematical modeling in two-stage rolling of hot rolled wire rods[J]. *Journal of Materials Processing Technology*,2014, 214(9):1962-1970.



Hao Yu, the professor of Institute for materials science and engineering, received his B.E. from North University of China in 1995, his M.E. from Shandong Polytechnic University in 1998, and his Ph.D. in materials processing from University of Science and Technology Beijing in 2003. His recent research interest is intelligent control rolling technology and organizational performance, and microstructures and properties of steel composite control theory and application research. He is the assistant rector of Institute for materials science and engineering.

【Publications】

1. Jing Sun, Hao Yu, Shaoyang Wang, et al. Study of microstructural evolution, microstructure-mechanical properties correlation and collaborative deformation-transformation behavior of quenching and partitioning (Q&P) steel[J]. *Materials Science and Engineering A*,2014,596(2):89-97.
2. Tao, Pan; Yu, Hao; Fan, Yongfei. Effects of cooling method after intercritical heat treatment on microstructural characteristics and mechanical properties of as-cast high-strength low-alloy steel[J]. *Materials and Design*,2014,54(2):914-923.
3. Wu, MaoMeng; Yu, Hao; Xu, Meng. A preliminary research on V/N-TiO₂ self-cleaning thin film by sol-gel method under the guidance of first principle method density functional theory (DFT) [J]. *Applied Catalysis B:Environmental*, 2013, 129(1): 351-366.
4. Jing Sun, Hao Yu. Microstructure development and mechanical properties of quenching and partitioning (Q&P) steel and an incorporation of hot-dipping galvanization during Q&P process[J]. *Materials Science and Engineering A*,2013, 586(12):100-107.
5. Yu Fu, Hao Yu. Application of mathematical modeling in two-stage rolling of hot rolled wire rods[J]. *Journal of Materials Processing Technology*,2014, 214(9):1962-1970.