姓名：赵伟
职称：讲师
所属部分：资源循环科学与工程系
联系方式：苏州市相城区济学路 8 号苏大阳澄湖校区
Tel：18202437339
E-mail：zhaowei0312@suda.edu.cn

学习工作经历

赵伟，男，1991 年出生，讲师。2013 年在安徽工业大获得学士学位，2015 年于东北大学获工学硕士学位，2019 年于东北大学获工学博士学位。2019 年 9 月-至今苏州大学沙钢钢铁学院讲师，苏州大学材料科学与工程流动站博士后。先后在在国内外核心期刊如 *Metallurgical and Materials Transactions B*、*Powder Technology*、钢铁等发表论文 20 余篇，其中一作 SCI/EI 检索论文 10 篇；申请国家发明专利 10 余项，已授权 6 项。

主要研究方向

1. 低碳高炉炼铁
2. 固废资源高效增值利用

承担科研项目

1. 主持江苏省博士后科研项目 1 项，参与国家自然科学基金项目 2 项，校企合作项目 3 项。

代表性论著

1. Zhao W, Chu M S, et al. Reduction behavior of vanadium-titanium magnetite carbon composite hot briquette in Blast Furnace process. *Powder Technology*, 2019, (342): 214-223.
2. Zhao W, Chu M S, et al. High-temperature interactions between vanadium-titanium magnetite carbon composite hot briquette and pellets with simulating BF conditions. *Metallurgical and Materials Transactions B*, 2019, 50(4): 1878-1895.
3. Zhao W, Chu M S, et al. Effect of introducing coke into ore layer on softening-melting-dropping characteristics of vanadium-titanium mixed burden under simulating BF conditions. *ISIJ International*, 2018, 58(11): 1989-1998.
4. Zhao W, Chu M S, et al. Volumetric shrinkage characteristics and kinetics analysis of vanadium titanomagnetite carbon composite hot briquette during isothermal reduction. *ISIJ International*, 2018, 58(5): 823-832.
5. Zhao W, Chu M S, et al. Preparation and optimization of vanadium titanomagnetite carbon composite hot briquette: a new type of blast furnace burden. *JOM*, 2017, 69(10): 1989-1998.
6. Zhao W, Chu M S, et al. Investigation of Reduction mechanism and kinetics of vanadium titanomagnetite carbon composite hot briquette at 1173-1373K. *Steel Research International*, 2017, 88(5): 1-9.
7. Zhao W, Chu M S, et al. Novel blast furnace operation process involving charging with low-titanium vanadium-titanium magnetite carbon composite hot briquette. *International*

Journal of Mineral, Metallurgy and Materials, 2016, 23(5): 501-510.
8. Zhao W, Chu M S, et al. Effect of MgO addition on the metallurgical properties of vanadium-titanium pellet with simulating blast furnace conditions. *Ironmaking & Steelmaking*, 2020, 47(4): 388-397.
9. Zhao W, Chu M S, et al. Interface behavior and interaction mechanism between vanadium-titanium magnetite carbon composite briquette and sinter in softening-melting-dripping process. *ISIJ International*, 2020, 61(1). (Accepted)
10. 赵伟, 储满生, 等. 基于田口法的钒钛磁铁矿热压块抗压强度的优化. 东北大学学报(自然科学版), 2015, 36(10): 1441−1444.

获奖情况

1. Effect of MgO content in sinter on the softening-melting behavior of mixed burden made from chromium-bearing vanadium titanium magnetite，辽宁省自然科学学术成果奖，三等，排四，2016 年。