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代表性成果(包含论文、著作、获奖、专利、项目等)	<p>论文:</p> <p>[1] Yuan Fei, Wang Hongbing, Zhou Peiling, Xu Anjun, He Dongfeng. Heat transfer performances of honeycomb regenerators with square or hexagon cell opening. Applied Thermal Engineering, 2017, 125: 790-798.</p> <p>[2] Yuan Fei, He Dongfeng, Feng Kai, Zhang Minghui, Wang Hongbing. Optimal design and experimental study of ejector for ladle baking. Steel Research International, 2018.</p> <p>[3] Yuan Fei, Wang Hongbing, Zhou Peiling, Xu Anjun. Combustion performance of nozzles with multiple gas orifices in large ladles for temperature uniformity, Journal of Iron and Steel Research, International, 2018, 25(4).</p> <p>[4] Yuan Fei, Zhang Huining, Li Hui, Dong Jianhong, Xiong Huihui, Xu Anjun. Recovery rates of iron, nickel, and chromium via iron-bath reduction of stainless steel dust briquettes based on corundum crucible erosion balance analysis. Journal of Iron and Steel Research, International, 2018, 25(3): 320-329.</p> <p>[5] Yuan F, Sun X, Zhou P, et al. Numerical Simulation and Optimization of Temperature Field in the Baking of RH Vessel: 11th International Symposium on High-Temperature Metallurgical Processing, San Diego, CA, United states, 2020[C]. Springer, 2020.</p> <p>[6] Yuan F, Wu S, Song W, et al. Charge Plan Model for Steelmaking-Continuous Casting Section[J]. Metals (Basel), 2020,10(9):1196.</p> <p>[7] Yuan F, Feng K, Lin S, et al. A study on DAA-based crane scheduling models for steel plant[J]. International journal of production research, 2021,59(20):6241-6251.</p> <p>[8] Yuan F, Xu A, Gu M. Development of an improved CBR model for predicting steel</p>			

<p>代表性成果（包含论文、著作、获奖、专利、项目等）</p>	<p>temperature in ladle furnace refining[J]. International journal of minerals, metallurgy and materials, 2021,28(8):1321-1331.</p> <p>[9] 袁飞, 徐安军, 贺东风, 汪红兵. 应用多因素耦合数值计算210t钢包热状态分级. 哈尔滨工业大学学报, 2016, 48(7): 176-181.</p> <p>[10] 袁飞, 杨光, 徐安军, 冯凯. 基于不同保温措施下的铁水包热状态模拟分析. 工程科学学报, 2018, 40(1): 31-40.</p> <p>[11] 袁飞, 周佩玲, 黄志安, 高玉坤, 张英华. 采空区氧化-升温耦合模拟相似准则及传热相似性研究. 煤炭学报, 2017, 42 (z2): 398-406.</p> <p>[12] 袁飞, 徐安军, 贺东风, 谷宗喜, 冯凯, 刘晶波. 多功能铁水包模式经济连浇炉数计算模型. 过程工程学报, 2017, 17(4): 779-784.</p> <p>[13] 袁飞, 周舒畅, 侯志昌, 汪红兵, 徐安军, 贺东风. 钢包蓄热烘烤用多孔型烧嘴的燃烧模拟研究. 冶金能源, 2016, 35(3): 21-24.</p> <p>[14] Wang Hongbing, Huang Rong, Gao Liyuan, Wang Weishen, Xu Anjun, Yuan Fei. Wear debris classification of steel production equipment using feature fusion and case-based reasoning. ISIJ International, 2018, 58(7).</p> <p>[15] Wang H, Yuan F, Gao L, et al. Wear Debris Classification and Quantity and Size Calculation Using Convolutional Neural Network: 3rd International Conference on Cyberspace Data and Intelligence, Beijing, China, 2019[C]. Springer, 2019.</p> <p>[16] Zhang H, Zhou P, Yuan F. Effects of ladle lid or online preheating on heat preservation of ladle linings and temperature drop of molten steel[J]. Energy, 2021,214(118896):118896.</p> <p>专利:</p> <p>[1] 袁飞, 谷茂强, 徐安军. 一种转炉终点钢水碳含量与温度预测方法及装置: 2022-02-08.</p> <p>[2] 袁飞, 谷茂强, 徐安军, 等. 一种转炉后吹碳含量动态预测方法及装置: 2022-02-08.</p>
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