# 2022 年部分发表论文（SCI/EI 收录）

| 序号 | 论文题名 | 所有作者 | 期刊 | 发表日期 | 卷 | 期 | 页码 |
|---|---|---|---|---|---|---|---|
| 1 | Hot ductility behavior of medium carbon sulfur-containing alloy steel | Xing, LD(Xing, Lidong)[1,2];Zhang, ZF(Zhang, Zefeng)[3];Bao, YP(Bao, Yanping)[1,2] | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T | 2022-07 | 19 | | 1367-1378 |
| 2 | Compound purification of nickel base superalloy cutting waste through special cleaning agent attached to ultrasonic stirring | Wang, RR(Wang, Rongrong)[1,3];Wang, M(Wang, Min)[1,2];Gao, SY(Gao, Shengyong)[1,4];Wang, ZL(Wang, Zhongliang)[1,2];Xin, TZ(Xin, Tongze)[1,3];Liu, M(Liu, Meng)[4];Bao, YP(Bao, Yanping)[1,2] | JOURNAL OF CLEANER PRODUCTION | 2022-12 | 378 | | |
| 3 | Effects of Secondary Cooling Segment Electromagnetic Stirring on Solidification Behavior and Composition Distribution in High-Strength Steel 22MnB5 | Yao, C(Yao, Cheng)[1];Wang, M(Wang, Min)[1,2];Ni, YJ(Ni, Youjin)[3];Gong, J(Gong, Jian)[3];Xing, LD(Xing, Lidong)[1,2];Zhang, HB(Zhang, Haibo)[1];Bao, YP(Bao, Yanping)[1] | JOM | 2022-12 | 74 | 12 | 4823-4830 |
| 4 | Effects of mold electromagnetic stirring on heat transfer, species transfer and solidification characteristics of continuous casting round billet | Yao, C(Yao, Cheng)[1];Wang, M(Wang, Min)[1,2];Zhang, MY(Zhang, Mengyun)[1];Xing, LD(Xing, Lidong)[1,2];Zhang, HB(Zhang, Haibo)[1];Bao, YP(Bao, Yanping)[1] | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T | 2022-06 | 19 | | 1766-1776 |
| 5 | The superiority verification of morphological features in the EEG-based assessment of depression | Wu, XL(Wu, Xiaolong)[1,2];Yang, JH(Yang, Jianhong)[1,2,3] | JOURNAL OF NEUROSCIENCE METHODS | 2022-11 | 381 | | |

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|---|---|---|---|---|---|---|---|
| 6 | Effect of Dynamic Soft Reduction Range and Amount on Central Segregation in Bloom and the Resulting Microstructure in the Rod of GCr15-Bearing Steel | Yao, C(Yao, Cheng)[1];Wang, M(Wang, Min)[1,2];Cheng, MF(Cheng, Mingfei)[1];Xing, LD(Xing, Lidong)[1,2];Wang, Y(Wang, Ying)[3];Gao, YB(Gao, Yubo)[1,3];Bao, YP(Bao, Yanping)[1] | STEEL RESEARCH INTERNATIONAL | 2022-11 | 93 | 11 | |
| 7 | Effects of Sulfur on the Surface Crack in Medium Carbon Bloom | Xing, LD(Xing, Lidong)[1,2];Zhang, ZF(Zhang, Zefeng)[3];Zhao, LH(Zhao, Lihua)[2];Bao, YP(Bao, Yanping)[1,2] | STEEL RESEARCH INTERNATIONAL | 2022-09 | 93 | 9 | |
| 8 | Influence of non-iso-velocity casting on flow-field index of a 41-ton six-strand tundish by physical and numerical modeling | Zhu, HH(Zhu, Hang-hang)[1];Wang, M(Wang, Min)[1,2];Yao, C(Yao, Cheng)[1];Wang, ZL(Wang, Zhong-liang)[1];Wang, XL(Wang, Xiao-liang)[3];Bao, YP(Bao, Yan-ping)[1] | JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL | 2022-09 | 30 | 1 | 51-63 |
| 9 | In-situ 3D shape measurement system for a high-temperature object in a plasma wind tunnel via DMD-projection laser structured light and adaptive speckle filtering | Liu, FJ(Liu, Fujia)[1];Yang, JH(Yang, Jianhong)[1,2];Xiao, XR(Xiao, Xueren)[3];Zhang, J(Zhang, Jun)[3];Liu, Y(Liu, Yang)[1];Wang, HS(Wang, Hongsen)[1] | MEASUREMENT SCIENCE AND TECHNOLOGY | 2022-09 | 33 | 9 | |
| 10 | Formation mechanism of surface cracks and subsurface cracks in SAE1548: Medium carbon sulfur-containing V-N micro-alloyed bloom | Xing, LD(Xing, Lidong)[1,2];Bao, YP(Bao, Yanping)[2];Wang, M(Wang, Min)[1,2];Yang, JH(Yang, Jianhong)[1] | ENGINEERING FAILURE ANALYSIS | 2022-12 | 142 | | |

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| 11 | In-situ noncontact measurement system for nozzle throat deformation in high-temperature gas heating via laser speckle digital image correlation with wavelet smoothing of displacement field | Liu, FJ(Liu, Fujia)[1,2,5];Yang, JH(Yang, Jianhong)[1,3,4,5];Liu, Y(Liu, Yang)[1,5];Wang, HS(Wang, Hongsen)[1,5] | MEASUREMENT | 2022-09 | 201 | | |
| 12 | High-temperature internal oxidation behavior of surface cracks in low alloy steel bloom | Xing, LD(Xing, Lidong)[1];Gu, C(Gu, Chao)[1];Lv, ZY(Lv, Ziyu)[1];Bao, YP(Bao, Yanping)[1] | CORROSION SCIENCE | 2022-04 | 197 | | |
| 13 | Relationship between Inclusions and Internal Defect Spatial Distribution in Large Forging Piece for Wind Power Generation Gear | Juan, RF(Juan, Rongfei)[1];Wang, M(Wang, Min)[1];Li, LX(Li, Lanxin)[2];Lian, JH(Lian, Junhe)[3];Bao, YP(Bao, Yanping)[1] | ISIJ INTERNATIONAL | 2022-01 | 62 | 1 | 133-141 |