2024 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	Numerical study on the effect of different spray characteristics of casting nozzles on W-shape solidification and segregation during continuous casting of slabs	Yao, C(Yao, Cheng)[1];Wang, M(Wang, Min)[1,2];Ni, YJ(Ni, Youjin)[3];Gong, J(Gong, Jian)[3];Liu, Q(Liu, Qing)[1];Zhang, MY(Zhang, Mengyun)[1];Xing, LD(Xing, Lidong)[1,2];Bao, YP(Bao, Yanping)[1]	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	2024-01	218		
2	A dual attention mechanism network with self-attention and frequency channel attention for intelligent diagnosis of multiple rolling bearing fault types	Zhang, WX(Zhang, Wenxing)[1,2];Yang, JH(Yang, Jianhong)[1,3,4];Bo, XY(Bo, Xinyu)[1];Yang, ZK(Yang, Zhenkai)[1]	MEASUREMENT SCIENCE AND TECHNOLOGY	2024-03	35	3	
3	Research progress on intelligent control and decision-making models for the ladle furnace refining process	Wang, Huan 1; Wang, Min 1,2; Liu, Qing 1; Xing, Lidong 1,2; Bao, Yanping 1	Gongcheng Kexue Xuebao/Chinese Journal of Engineering	2024-09	46	10	1739-1752
4	A lightweight deep learning based bowel sounds segmentation algorithm for gastrointestinal (GI) monitoring	Zhang, MY(Zhang, Mingyuan)[1];Cui, X(Cui, Xiao)[2];Zhao, LW(Zhao, Liuwei)[1];He, XL(He, Xinlei)[2];Shi, Y(Shi, Yu)[1];Yang, JH(Yang, Jianhong)[1,3,4];Leng, YX(Leng, Yuxin)[2]	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	2024-01	127		

序号	论文题名	所有作者	期刊	发表日期	卷	期	页码
5	Numerical study on the effect of high efficient cooling nozzles and varying cooling intensity on metallurgical transport behaviors during the slab continuous casting	Yao, C(Yao, Cheng)[1];Wang, M(Wang, Min)[1,2];Ni, YJ(Ni, Youjin)[3];Gong, J(Gong, Jian)[3];Yang, ZY(Yang, Zeyu)[1];Xing, LD(Xing, Lidong)[1,2];Bao, YP(Bao, Yanping)[1]	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	2024-07-8	31		3812-3824
6	Carbon-Encapsulated Bimetallic Fe-W-Based Selenides with Abundant Heterogeneous Conductive Network for Superior Potassium Ion Storage	Xing, LD(Xing, Lidong)[1];Xu, HJ(Xu, Huaijin)[1];Dong, CW(Dong, Chunwei)[5];Song, Y(Song, Yang)[4];Han, K(Han, Kun)[2];Chu, JH(Chu, Jianhua)[3];Hu, LW(Hu, Liwen)[4];Wang, W(Wang, Wei)[1]	ACS APPLIED MATERIALS & INTERFACES	2024-11	16	46	63612-63620
7	Effect of Deoxidation Sequence on Inclusions in Oriented Silicon Steel	Liu, Q(Liu, Qing)[1];Wang, M(Wang, Min)[1,2];Pang, WG(Pang, Weiguang)[3];Xing, LD(Xing, Lidong)[2];Bao, YP(Bao, Yanping)[1]	JOM	2024-12	76	12	7290-7303
8	Research on Mathematical Model and Process Parameter Optimization of Rotary Hearth Furnace Process Toward Energy and Cost Saving	Dong, YP(Dong, Yingpeng)[1];Zong, YB(Zong, Yanbing)[1];Xu, RS(Xu, Runsheng)[1,2];Huang, YC(Huang, Yuancheng)[4];Zhang, JL(Zhang, Jianliang)[1,2];Wang, RR(Wang, Rongrong)[2,3];Shi, JP(Shi, Jinpeng)[1];Yang, YS(Yang, Yongsheng)[1]	METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE	2024-10	55	5	3761-3772

序号	论文题名	所有作者	期刊	发表日期	卷	期	页码
9	Hydrogen penetration mechanism through C and CH pre-covered Pd(100) surface: A density functional theory study	Bian, HT(Bian, Huiting)[1,2,3,4];Zhang, Z(Zhang, Zhong)[1,2];Kuang, YD(Kuang, Yida)[2];Li, N(Li, Na)[2];Xing, YY(Xing, Yunying)[1];Wang, AH(Wang, Anhu)[1,3,4];Zhou, L(Zhou, Liang)[3,4];Jiang, HL(Jiang, Huiling)[3,4]	CHEMICAL PHYSICS LETTERS	2024-10	853		
10	Developments in Atomistic and Nano Structure Evolution Mechanisms of Molten Slag Using Atomistic Simulation Methods	Jiang, CH(Jiang, Chunhe)[1];Li, KJ(Li, Kejiang)[2];Bi, ZS(Bi, Zhisheng)[2];Ma, SF(Ma, Shufang)[3];Zhang, JL(Zhang, Jianliang)[2,4];Liu, B(Liu, Bo)[5];Li, JQ(Li, Jiaqi)[5]	NANOMATERIALS	2024-03	14	5	
11	Effects of chemisorption impurities on hydrogen diffusion mechanism from Pd(100) surface into subsurface	Zhang, Z(Zhang, Zhong)[1,2];Zhang, YF(Zhang, Yifan)[3];Zhao, J(Zhao, Jun)[2];Bian, HT(Bian, Huiting)[1,2]	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2024-02	56		127-139
12	Physical Modeling Study for Process Optimization of 300-ton RH Vacuum Refining Furnace	Xing, LD(Xing, Lidong)[1,2];Xiao, W(Xiao, Wei)[3];Zhang, ZF(Zhang, Zefeng)[4];Bao, YP(Bao, Yanping)[1];Wang, M(Wang, Min)[1,2]	JOURNAL OF SUSTAINABLE METALLURGY	2024-03	10	1	386-396
13	Study on Inclusions Distribution Across the Thickness of Enameled Steel Slabs	Wang, B(Wang, Bo)[1];Xing, LD(Xing, Lidong)[1,2];Li, X(Li, Xin)[3];Bao, YP(Bao, Yanping)[1];Wang, M(Wang, Min)[1,2]	METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE	2024-12	55	6	4432-4445

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14	A weighted time embedding transformer network for remaining useful life prediction of rolling bearing	Zhang, MY(Zhang, Mingyuan)[1];He, C(He, Chen)[1];Huang, CX(Huang, Chengxuan)[1];Yang, JH(Yang, Jianhong)[1,2,3]	RELIABILITY ENGINEERING & SYSTEM SAFETY	2024-11	251		