

Dong Pan

List of Publications by Year in descending order

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19
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119
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Temperature Measurement and Compensation Method of Blast Furnace Molten Iron Based on Infrared Computer Vision. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3576-3588. | 4.7 | 64 |
| 2 | Soft Sensors Based on Adaptive Stacked Polymorphic Model for Silicon Content Prediction in Ironmaking Process. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12. | 4.7 | 26 |
| 3 | Abnormality Monitoring in the Blast Furnace Ironmaking Process Based on Stacked Dynamic Target-Driven Denoising Autoencoders. IEEE Transactions on Industrial Informatics, 2022, 18, 1854-1863. | 11.3 | 24 |
| 4 | Classification of silicon content variation trend based on fusion of multilevel features in blast furnace ironmaking. Information Sciences, 2020, 521, 32-45. | 6.9 | 19 |
| 5 | Temperature Measurement Method for Blast Furnace Molten Iron Based on Infrared Thermography and Temperature Reduction Model. Sensors, 2018, 18, 3792. | 3.8 | 18 |
| 6 | Compensation Method for Molten Iron Temperature Measurement Based on Heterogeneous Features of Infrared Thermal Images. IEEE Transactions on Industrial Informatics, 2020, 16, 7056-7066. | 11.3 | 17 |
| 7 | Polymorphic Measurement Method of FeO Content of Sinter Based on Heterogeneous Features of Infrared Thermal Images. IEEE Sensors Journal, 2021, 21, 12036-12047. | 4.7 | 13 |
| 8 | Compensation Method for the Influence of Dust in Optical Path on Infrared Temperature Measurement. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 12 |
| 9 | A Novel Method for Compensating Temperature Measurement Error Caused by Dust Using Infrared Thermal Imager. IEEE Sensors Journal, 2019, 19, 1730-1739. | 4.7 | 11 |
| 10 | Research on the Influence of Multiple Interference Factors on Infrared Temperature Measurement. IEEE Sensors Journal, 2021, 21, 10546-10555. | 4.7 | 11 |
| 11 | Influence of Dust on Temperature Measurement Using Infrared Thermal Imager. IEEE Sensors Journal, 2020, 20, 2911-2918. | 4.7 | 8 |
| 12 | Influence of Charging Parameters on the Burden Flow Velocity and Distribution on the Blast Furnace Chute Based on Discrete Element Method. Steel Research International, 2022, 93, 2100332. | 1.8 | 6 |
| 13 | Prediction of Multiple Molten Iron Quality Indices in the Blast Furnace Ironmaking Process Based on Attention-Wise Deep Transfer Network. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14. | 4.7 | 5 |
| 14 | ASFC-based DNN Modeling for Prediction of Silicon Content in Blast Furnace Ironmaking. , 2018, , . | | 2 |
| 15 | A method for improving the accuracy of infrared thermometry under the influence of dust. IFAC-PapersOnLine, 2018, 51, 246-250. | 0.9 | 2 |
| 16 | A Trend Prediction Method Based on Fusion Model and its Application. , 2018, , . | | 2 |
| 17 | Polymorphic Temperature Measurement Method of Molten Iron After Skimmer in Ironmaking Process. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11. | 4.7 | 2 |
| 18 | Research on the velocity distribution law of the coke in the chute of blast furnace based on discrete element method. Computational Particle Mechanics, 0, , . | 3.0 | 1 |