

Zhenqiang Deng

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Effects of austenite deformation on continuous cooling transformation of the pearlite heat-resistant steel. <i>Ironmaking and Steelmaking</i> , 2021, 48, 402-408. | 2.1 | 1 |
| 2 | Thermodynamic analysis of inclusion characteristics in as-cast FeCrAl-(La) alloys. <i>Ironmaking and Steelmaking</i> , 2020, 47, 13-21. | 2.1 | 8 |
| 3 | Hot-deformation characteristics and dynamic softening of as-cast FeCrAl alloy. <i>Journal of Materials Research and Technology</i> , 2020, 9, 6632-6641. | 5.8 | 6 |
| 4 | Effect of Cooling Rate on AlN Precipitation in FeCrAl Stainless Steel During Solidification. <i>Metals</i> , 2019, 9, 1091. | 2.3 | 12 |
| 5 | Microstructure and high temperature mechanical properties of as-cast FeCrAl alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 726, 56-63. | 5.6 | 43 |
| 6 | Interfacial morphology evolution in directionally solidified FeCrAl alloys. <i>Materials Characterization</i> , 2018, 139, 303-310. | 4.4 | 8 |
| 7 | Monotonous deformation behavior of ferritic FeCrAl alloy in the dynamic strain aging regime. <i>Journal of Alloys and Compounds</i> , 2018, 749, 664-671. | 5.5 | 11 |
| 8 | Phase transformation and precipitation during solidification of FeCrAl alloy for automobile exhaust gas purifying systems. <i>Journal of Alloys and Compounds</i> , 2017, 714, 251-257. | 5.5 | 13 |
| 9 | Microstructure evolution and mechanical properties of Al-La alloys with varying La contents. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 701, 134-142. | 5.6 | 23 |