

Zhenqiang Deng

List of Publications by Year in descending order

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papers

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1478505

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docs citations

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Effect of Cooling Rate on AlN Precipitation in FeCrAl Stainless Steel During Solidification. <i>Metals</i> , 2019, 9, 1091.	2.3	12
5	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
6	Interfacial morphology evolution in directionally solidified FeCrAl alloys. <i>Materials Characterization</i> , 2018, 139, 303-310.	4.4	8
7	Thermodynamic analysis of inclusion characteristics in as-cast FeCrAl-(La) alloys. <i>Ironmaking and Steelmaking</i> , 2020, 47, 13-21.	2.1	8
8	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
9	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