Xiao-bing Li

List of Publications by Year in descending order

17 papers	254 citations	840776 11 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	130 citing authors

#	Article	IF	Citations
1	Phase transformation behavior of a Mn containing Î²-solidifying Î³-TiAl alloy during continuous cooling. Intermetallics, 2018, 99, 51-58.	3.9	30
2	Effect of Mg addition on nucleation of intra-granular acicular ferrite in Al-killed low carbon steel. Journal of Iron and Steel Research International, 2016, 23, 415-421.	2.8	27
3	Study on the Formation of Intragranular Acicular Ferrite in a Zrâ€“Mgâ€“Al Deoxidized Low Carbon Steel. Steel Research International, 2016, 87, 622-632.	1.8	25
4	Improved High-Temperature Oxidation Properties for Mn-Containing Beta-Gamma TiAl with W Addition. Oxidation of Metals, 2020, 93, 433-448.	2.1	24
5	Effect of Ti Content on the Characteristics of Inclusions in Alâ€“Tiâ€“Ca Complex Deoxidized Steel. ISIJ International, 2017, 57, 314-321.	1.4	23
6	Processing Map and Hot Working Mechanism of Asâ€Cast Tiâ€“42Alâ€“5Mn Alloy. Advanced Engineering Materials, 2018, 20, 1701059.	3.5	20
7	Multistep evolution of Î²o phase during isothermal annealing ofÂTi-42Al-5Mn alloy: Formation of Laves phase. Intermetallics, 2020, 126, 106932.	3.9	19
8	Effect of Mg Addition on the Characterization of Î³-Î± Phase Transformation During Continuous Cooling in Low Carbon Steel. Steel Research International, 2015, 86, 1530-1540.	1.8	15
9	Phase Transformation Behavior of a Î²-Solidifying Î³-TiAl-Based Alloy from Different Phase Regions with Various Cooling Methods. Metals, 2018, 8, 731.	2.3	15
10	Characterization of the Acicular Ferrite in Al-Deoxidized Low-Carbon Steel Combined with Zr and Mg Additions. Steel Research International, 2016, 87, 1503-1510.	1.8	14
11	Effect of magnesium addition in low-carbon steel part 1: behaviour of austenite grain growth. Ironmaking and Steelmaking, 2019, 46, 292-300.	2.1	11
12	Microstructural stability, phase evolution and mechanical properties of a forged W-modified high-Mn Î²-Î³-TiAl alloy. Intermetallics, 2021, 136, 107230.	3.9	11
13	Effect of magnesium addition in low carbon steel part 2: toughness and microstructure of the simulated coarse-grained heat-affected zone. Ironmaking and Steelmaking, 2019, 46, 301-311.	2.1	8
14	Insights into the gradient-characteristic precipitation behaviors of laves phase induced by Fe/W/Mo addition in Ti42Al5Mn alloy. Intermetallics, 2021, 128, 107022.	3.9	8
15	Effect of Mg addition on temper embrittlement in 2.25Crâ€“1Mo steel doped with 0.056% Pâ€“Mg segregation behavior at grain boundary. Journal of Iron and Steel Research International, 2021, 28, 1259-1267.	2.8	2
16	Tailored Fully Lamellar Microstructure of a Newly Developed Mn-Containing Î²-Solidifying Î³-TiAl Alloys Rolled Bar. Jom, 2022, 74, 2985-2995.	1.9	2
17	Effect of carbon on the microstructure and element distribution in Ti42Al5Mn alloy. Materials Science and Technology, 2020, 36, 1883-1892.	1.6	0