Chengyang Hu

List of Publications by Year
in descending order

12	181	1307594 7	1199594 12
papers	citations	h-index	g-index

12	12	12	68
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insight into the effect of Nb microalloying on the microstructureâ€“property relationship of a novel wire rod. Journal of Materials Research and Technology, 2022, 16, 276-289.	5.8	7
2	Insight in the impact of pre-deformation on structure - deformation - property relationship in Cr-Mn-N stainless steel. Materials Characterization, 2022, 184, 111689.	4.4	5
3	Grain refinement strengthening mechanism of an austenitic stainless steel: critically analyze the impacts of grain interior and grain boundary. Journal of Materials Research and Technology, 2022, 17, 2999-3012.	5.8	30
4	The impact of annealing temperature on the microstructure - Properties relationship of reversion-induced austenitic stainless steels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 843, 143100.	5.6	11
5	Insight into the impact of microstructure on crack initiation/propagation behavior in carbide-free bainitic steel during tensile deformation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 846, 143175.	5.6	14
6	Effect of nickel on hardening behavior and mechanical properties of nanostructured bainite-austenite steels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 817, 141410.	5.6	7
7	The synergistic effect of grain boundary and grain orientation on micro-mechanical properties of austenitic stainless steel. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 118, 104473.	3.1	7
8	Effect of retained austenite on impact toughness and fracture behavior of medium carbon submicron-structured bainitic steel. Journal of Materials Research and Technology, 2021, 14, 1021-1034.	5.8	45
9	On the impacts of grain refinement and strain-induced deformation on three-body abrasive wear responses of 18Crâ€“8Ni austenitic stainless steel. Wear, 2020, 446-447, 203181.	3.1	16
10	Improving the yield strength of an antibacterial 304Cu austenitic stainless steel by the reversion treatment. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 793, 139885.	5.6	22
11	The significance of phase reversion-induced nanograined/ultrafine-grained structure on the load-controlled deformation response and related mechanism in copper-bearing austenitic stainless steel. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 104, 103666.	3.1	12
12	Effect of Microadditives on Center Segregation and Mechanical Properties of High-Strength Low-Alloy Steels. Metallurgist, 2016, 60, 888-895.	0.6	5