

Huixing Li

List of Publications by Year in descending order

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papers

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1307594

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101
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of shearing prestrain on the hydrogen embrittlement of 1180MPa grade martensitic advanced high-strength steel. <i>Corrosion Science</i> , 2022, 199, 110170.	6.6	10
2	Effect of cold deformation on the hydrogen permeation in a dual-phase advanced high-strength steel. <i>Electrochimica Acta</i> , 2022, 424, 140619.	5.2	5
3	The influence of phosphorus on the temper embrittlement and hydrogen embrittlement of some dual-phase steels. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 854, 143379.	5.6	5
4	Influence of hydrogen on the S-N fatigue of DP1180 advanced high-strength steel. <i>Corrosion Science</i> , 2022, 205, 110465.	6.6	4
5	Hydrogen-induced delayed fracture of a 1180MPa martensitic advanced high-strength steel under U-bend loading. <i>Materials Today Communications</i> , 2021, 26, 101887.	1.9	3
6	Hydrogen fracture maps for sheared-edge-controlled hydrogen-delayed fracture of 1180 MPa advanced high-strength steels. <i>Corrosion Science</i> , 2021, 184, 109360.	6.6	18
7	Effect of vanadium and rare earth microalloying on the hydrogen embrittlement susceptibility of a Fe-18Mn-0.6C TWIP steel studied using the linearly increasing stress test. <i>Corrosion Science</i> , 2021, 185, 109440.	6.6	27
8	Hydrogen-induced fast fracture in notched 1500 and 1700 MPa class automotive martensitic advanced high-strength steel. <i>Corrosion Science</i> , 2021, 188, 109550.	6.6	21
9	Hydrogen embrittlement of an automotive 1700 MPa martensitic advanced high-strength steel. <i>Corrosion Science</i> , 2020, 171, 108726.	6.6	42
10	Effect of plastic strain damage on the hydrogen embrittlement of a dual-phase (DP) and a quenching and partitioning (Q&P) advanced high-strength steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 785, 139343.	5.6	20
11	The influence of microstructure on the hydrogen embrittlement susceptibility of martensitic advanced high strength steels. <i>Materials Today Communications</i> , 2018, 17, 1-14.	1.9	72