Huixing Li

List of Publications by Year
in descending order

11 papers	227 citations	1307594 7 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	101 citing authors

#	Article	IF	Citations
1	The influence of microstructure on the hydrogen embrittlement susceptibility of martensitic advanced high strength steels. Materials Today Communications, 2018, 17, 1-14.	1.9	72
2	Hydrogen embrittlement of an automotive 1700 MPa martensitic advanced high-strength steel. Corrosion Science, 2020, 171, 108726.	6.6	42
3	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. Corrosion Science, 2021, 185, 109440.	6.6	27
4	Hydrogen-induced fast fracture in notched 1500 and 1700 MPa class automotive martensitic advanced high-strength steel. Corrosion Science, 2021, 188, 109550.	6.6	21
5	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. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 785, 139343.	5.6	20
6	Hydrogen fracture maps for sheared-edge-controlled hydrogen-delayed fracture of 1180 MPa advanced high-strength steels. Corrosion Science, 2021, 184, 109360.	6.6	18
7	Effect of shearing prestrain on the hydrogen embrittlement of 1180ÂMPa grade martensitic advanced high-strength steel. Corrosion Science, 2022, 199, 110170.	6.6	10
8	Effect of cold deformation on the hydrogen permeation in a dual-phase advanced high-strength steel. Electrochimica Acta, 2022, 424, 140619.	5.2	5
9	The influence of phosphorus on the temper embrittlement and hydrogen embrittlement of some dual-phase steels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 854, 143379.	5.6	5
10	Influence of hydrogen on the Sâ€“N fatigue of DP1180 advanced high-strength steel. Corrosion Science, 2022, 205, 110465.	6.6	4
11	Hydrogen-induced delayed fracture of a 1180â€¯MPa martensitic advanced high-strength steel under U-bend loading. Materials Today Communications, 2021, 26, 101887.	1.9	3