Antoni Lara

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7640448/publications.pdf

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13	344	1163117 8	1281871 11
papers	citations	h-index	g-index

13	13	13	251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of alloying and microstructure on formability of advanced high-strength steels processed via quenching and partitioning. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 831, 142217.	5.6	21
2	Fatigue resistance evaluation of high Mn-TWIP steel through damage mechanics: A new method based on stiffness evolution. International Journal of Fatigue, 2022, 156, 106643.	5.7	6
3	Fatigue resistance of press hardened 22MnB5 steels. International Journal of Fatigue, 2020, 130, 105262.	5.7	13
4	Identification of fracture toughness parameters to understand the fracture resistance of advanced high strength sheet steels. Engineering Fracture Mechanics, 2020, 229, 106949.	4.3	45
5	On the correlation between fracture toughness and crash resistance of advanced high strength steels. Engineering Fracture Mechanics, 2019, 205, 319-332.	4.3	40
6	Increasing fatigue performance in AHSS thick sheet by surface treatments. MATEC Web of Conferences, 2018, 165, 22015.	0.2	4
7	Effect of Sandblasting on Low and High-Cycle Fatigue Behaviour after Mechanical Cutting of a Twinning-Induced Plasticity Steel. MATEC Web of Conferences, 2018, 165, 18002.	0.2	3
8	Fracture Toughness to Understand Stretch-Flangeability and Edge Cracking Resistance in AHSS. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 86-94.	2.2	66
9	Effect of microstructure on fatigue behavior of advanced high strength steels produced by quenching and partitioning and the role of retained austenite. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 641, 215-224.	5.6	62
10	Effect of the cutting process on the fatigue behaviour of press hardened and high strength dual phase steels. Journal of Materials Processing Technology, 2013, 213, 1908-1919.	6.3	69
11	EvaluaciÃ³n del trabajo esencial de fractura en chapa de un acero de alta resistencia de fase dual. Revista De Metalurgia, 2013, 49, 45-54.	0.5	12
12	Laser welding applied to advanced high strength steels for automotive applications. , 2010, , .		3
13	Martensitic transformation in a high purity austenitic steel during low cycle torsion fatigue test. Materiaux Et Techniques, 2003, 91, 96-100.	0.9	0