

Helmuth Sarmiento Klapper

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On the Influence of the Microstructure upon the Fatigue and Corrosion Fatigue Behavior of UNS N07718. <i>Metals</i> , 2021, 11, 117.	2.3	2
2	Pitting Corrosion Resistance Influencing Corrosion Fatigue Behavior of an Austenitic Stainless Steel in Chloride-Containing Environments. <i>Corrosion</i> , 2020, 76, 398-410.	1.1	4
3	Elucidating Nucleation Stages of Transgranular Stress Corrosion Cracking in Austenitic Stainless Steel by In Situ Electrochemical and Optical Methods. <i>Journal of the Electrochemical Society</i> , 2019, 166, C3326-C3335.	2.9	14
4	Localized Corrosion Characteristics of Nickel Alloys: A Review. <i>Acta Metallurgica Sinica (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.9	66
5	Hydrogen embrittlement: the game changing factor in the applicability of nickel alloys in oilfield technology. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160415.	3.4	12
6	Assessing the Pitting Corrosion Resistance of Oilfield Nickel Alloys at Elevated Temperatures by Electrochemical Methods. <i>Corrosion</i> , 2017, 73, 666-673.	1.1	11
7	Susceptibility to Pitting Corrosion of Nickel-Based Alloy 718 Exposed to Simulated Drilling Environments. <i>Corrosion</i> , 2014, 70, 899-906.	1.1	9
8	Pitting Corrosion Resistance of CrMn Austenitic Stainless Steel in Simulated Drilling Conditionsâ€™ Role of pH, Temperature, and Chloride Concentration. <i>Corrosion</i> , 2013, 69, 1095-1102.	1.1	16
9	Electrochemical noise from oxygen reduction on stainless steel surfaces. <i>Corrosion Science</i> , 2009, 51, 144-150.	6.6	39