Helmuth Sarmiento Klapper

List of Publications by Year
in descending order

9	173	1307594 7	1474206 9
papers	citations	h-index	g-index

9	9	9	193
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Localized Corrosion Characteristics of Nickel Alloys: A Review. Acta Metallurgica Sinica (English) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.9	66
2	Electrochemical noise from oxygen reduction on stainless steel surfaces. Corrosion Science, 2009, 51, 144-150.	6.6	39
3	Pitting Corrosion Resistance of CrMn Austenitic Stainless Steel in Simulated Drilling Conditionsâ€"Role of pH, Temperature, and Chloride Concentration. Corrosion, 2013, 69, 1095-1102.	1.1	16
4	Elucidating Nucleation Stages of Transgranular Stress Corrosion Cracking in Austenitic Stainless Steel by In Situ Electrochemical and Optical Methods. Journal of the Electrochemical Society, 2019, 166, C3326-C3335.	2.9	14
5	Hydrogen embrittlement: the game changing factor in the applicability of nickel alloys in oilfield technology. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160415.	3.4	12
6	Assessing the Pitting Corrosion Resistance of Oilfield Nickel Alloys at Elevated Temperatures by Electrochemical Methods. Corrosion, 2017, 73, 666-673.	1.1	11
7	Susceptibility to Pitting Corrosion of Nickel-Based Alloy 718 Exposed to Simulated Drilling Environments. Corrosion, 2014, 70, 899-906.	1.1	9
8	Pitting Corrosion Resistance Influencing Corrosion Fatigue Behavior of an Austenitic Stainless Steel in Chloride-Containing Environments. Corrosion, 2020, 76, 398-410.	1.1	4
9	On the Influence of the Microstructure upon the Fatigue and Corrosion Fatigue Behavior of UNS N07718. Metals, 2021, 11, 117.	2.3	2