

Passivity breakdown, pit initiation and propagation of p

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A study of carbon steels in basic pitting environments. <i>Anti-Corrosion Methods and Materials</i> , 2005, 52, 365-370.	0.6	23
2	Probability Analysis of Pit Initiation on Austenitic Stainless Steels. <i>Procedia Engineering</i> , 2015, 130, 1177-1183.	1.2	2
3	Initiation and propagation of a single pit on stainless steel using a local probe technique. <i>Faraday Discussions</i> , 2015, 180, 267-282.	1.6	10
4	The corrosive influence of chloride ions preference adsorption on $\hat{\text{I}}\pm\text{-Al}_2\text{O}_3$ (0 0 0 1) surface. <i>Applied Surface Science</i> , 2015, 347, 386-391.	3.1	35
5	Effect of pH and chloride on the micro-mechanism of pitting corrosion for high strength pipeline steel in aerated NaCl solutions. <i>Applied Surface Science</i> , 2015, 349, 746-756.	3.1	168
6	Effects of Boron on Microstructure and Metastable Pitting Corrosion Behavior of Super304H Austenitic Stainless Steel. <i>Journal of the Electrochemical Society</i> , 2015, 162, C473-C481.	1.3	26
7	The effect of dichromate ion on the pitting corrosion of AISI 316 stainless steel Part II: Pit initiation and transition to stability. <i>Corrosion Science</i> , 2015, 94, 420-427.	3.0	41
8	Effect of grain size on pitting corrosion of 304L austenitic stainless steel. <i>Corrosion Science</i> , 2015, 94, 368-376.	3.0	183
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10	Effect of Hydrogen Sulfide Ions on the Passive Behavior of Type 316L Stainless Steel. <i>Journal of the Electrochemical Society</i> , 2015, 162, C685-C692.	1.3	41
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14	Evaluation of Interaction Effect of Sulfate and Chloride Ions on Reinforcements in Simulated Marine Environment Using Electrochemical Methods. <i>International Journal of Electrochemical Science</i> , 2016, 11, 6943-6958.	0.5	23
15	Modeling unpredictable failures of 304 construction material in seawater by pitting corrosion and simulate chloride ion distribution by finite element method. <i>Multidiscipline Modeling in Materials and Structures</i> , 2016, 12, 543-557.	0.6	3
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17	Passivity Breakdown of Ni-Cr Alloys: From Anions Interactions to Stable Pits Growth. <i>Journal of the Electrochemical Society</i> , 2016, 163, C410-C419.	1.3	14
18	Corrosion behavior of superhydrophobic aluminum alloy in concentrated potassium halide solutions: When the specific anion effect is manifested. <i>Corrosion Science</i> , 2016, 112, 517-527.	3.0	64

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20	Influence of Temperature and Chloride Concentration on Passivation Mechanism and Corrosion of a DSS2209 Welded Joint. Journal of Materials Engineering and Performance, 2016, 25, 4292-4302.	1.2	1
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36	Microstructure and corrosion behavior of the annealed Zr-40Ti-5Al-4V alloys. Journal of Alloys and Compounds, 2016, 666, 301-308.	2.8	14

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