

Lfp Dick

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,471
citations

430754

18
h-index

265120

42
g-index

50
all docs

50
docs citations

50
times ranked

2515
citing authors

#	ARTICLE	IF	CITATIONS
1	Aluminum anodizing with simultaneous silanization for increased hydrophobicity and corrosion protection. <i>Applied Surface Science</i> , 2022, 593, 153392.	3.1	12
2	Humic acid: A new corrosion inhibitor of zinc in chlorides. <i>Electrochimica Acta</i> , 2021, 397, 139225.	2.6	10
3	Analysis of anodic nanotubular oxide on homogeneous Ti-Si alloys for Li-ion battery anodes. <i>Journal of Alloys and Compounds</i> , 2021, 888, 161659.	2.8	1
4	The effect of different carboxylic acids on the sulfuric acid anodizing of AA2024. <i>Surface and Coatings Technology</i> , 2020, 383, 125283.	2.2	19
5	Electrochemical Properties of Passive Film Formed on Supermartensitic Stainless Steel in a Chloride Medium. <i>Corrosion</i> , 2020, 76, 884-890.	0.5	1
6	Anomalous currents determined by SVET due to composition gradients on corroding Zn surfaces in 0.1 M NaCl. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1889-1898.	1.2	4
7	Metallurgical and Electrochemical characterization of a Supermartensitic Steel. <i>Materials Research</i> , 2020, 23, .	0.6	4
8	Direct Li ⁺ incorporation during the anodic formation of compact TiO ₂ layers. <i>Chemical Communications</i> , 2018, 54, 3251-3254.	2.2	3
9	Corrosion behaviour of galvanized steel studied by electrochemical microprobes applied on low-angle cross sections. <i>Corrosion Science</i> , 2018, 140, 379-387.	3.0	12
10	Anodising and corrosion resistance of AA 7050 friction stir welds. <i>Corrosion Science</i> , 2017, 114, 28-36.	3.0	25
11	Localized corrosion of laser marked M340 martensitic stainless steel for biomedical applications studied by the scanning vibrating electrode technique under polarization. <i>Electrochimica Acta</i> , 2016, 200, 189-196.	2.6	14
12	Corrosion study of the friction stir lap joint of AA7050-T76511 on AA2024-T3 using the scanning vibrating electrode technique. <i>Corrosion Science</i> , 2015, 94, 359-367.	3.0	53
13	DETERMINATION OF CURRENT MAPS BY SVET OF HOT-DIP GALVANIZED STEEL UNDER SIMULTANEOUS STRAINING. <i>Electrochimica Acta</i> , 2015, 168, 89-96.	2.6	10
14	Comparative study of the corrosion behavior of galvanized, galvanized and Zn55Al coated interstitial free steels. <i>Surface and Coatings Technology</i> , 2015, 279, 150-160.	2.2	31
15	Soil corrosion of the AISI1020 steel buried near electrical power transmission line towers. <i>Materials Research</i> , 2014, 17, 1637-1643.	0.6	4
16	Localized corrosion evaluation of the ASTM F139 stainless steel marked by laser using scanning vibrating electrode technique, X-ray photoelectron spectroscopy and Mott's Schottky techniques. <i>Electrochimica Acta</i> , 2014, 124, 150-155.	2.6	36
17	Coloring ferritic stainless steel by an electrochemical photochemical process under visible light illumination. <i>Surface and Coatings Technology</i> , 2014, 245, 125-132.	2.2	16
18	CARACTERIZAÇÃO E PROCESSAMENTO DE CAREPAS DE DECAPAGEM MECÂNICA DE AÇOS CARBONO PARA APROVEITAMENTO COMO PIGMENTOS EM TINTAS. <i>Tecnologia Em Metalurgia, Materiais E Mineracao</i> , 2014, 11, 210-215.	0.1	0

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19	Sulfidated TiO ₂ nanotubes: A potential 3D cathode material for Li-ion micro batteries. Chemical Communications, 2013, 49, 4205-4207.	2.2	33
20	ESTUDO COMPARATIVO DA RESISTÊNCIA À CORROSÃO DE AÇOS REVESTIDOS PELOS PROCESSOS DE GALVANIZAÇÃO A FOGO, GALVANNEALING E GALVALUME. Tecnologia Em Metalurgia, Materiais E Mineracao, 2013, 10, 280-286.	0.1	2
21	Study of the Corrosion of Buried Steel Grids of Electrical Power Transmission Towers. ECS Transactions, 2012, 43, 23-27.	0.3	3
22	Electrochemical Behavior in Na ₂ SO ₄ of Nanoporous Oxide Films Previously Formed on AISI 304 by Electrocoloring. ECS Transactions, 2012, 43, 243-248.	0.3	0
23	Performance of a PEMFC system integrated with a biogas chemical looping reforming processor: A theoretical analysis and comparison with other fuel processors (steam reforming, partial oxidation) Tj ETQq1 1 0.7848 14 rgB18 Overlock	0.1	0
24	Preparation and electrochemical characterization of amoxicillin-doped cellulose acetate films for AA2024-T3 aluminum alloy coatings. Corrosion Science, 2011, 53, 1571-1580.	3.0	24
25	Influence of the microstructure and laser shock processing (LSP) on the corrosion behaviour of the AA2050-T8 aluminium alloy. Corrosion Science, 2011, 53, 3215-3221.	3.0	56
26	Area Effects on the Mott-Schottky Behavior of Anodic Films Formed on AISI 304 Stainless Steel. ECS Transactions, 2010, 25, 17-22.	0.3	0
27	Inhibitor-doped sol-gel coatings for corrosion protection of magnesium alloy AZ31. Surface and Coatings Technology, 2010, 204, 1479-1486.	2.2	155
28	Active protection coatings with layered double hydroxide nanocontainers of corrosion inhibitor. Corrosion Science, 2010, 52, 602-611.	3.0	456
29	The negative difference effect of magnesium and of the AZ91 alloy in chloride and stannate-containing solutions. Corrosion Science, 2010, 52, 2235-2243.	3.0	85
30	Influence of incorporated Mo and Nb on the Mott-Schottky behaviour of anodic films formed on AISI 304L. Corrosion Science, 2010, 52, 2813-2818.	3.0	156
31	DESENVOLVIMENTO DE METODOLOGIA PARA AVALIAÇÃO DE AÇOS ESFEROIDIZADOS. PARTE 1: DETERMINAÇÃO DO GRAU DE DESCARBONETAÇÃO. Tecnologia Em Metalurgia E Materiais, 2010, 6, 153-157.	0.1	0
32	DESENVOLVIMENTO DE METODOLOGIA PARA AVALIAÇÃO DE AÇOS ESFEROIDIZADOS. PARTE 2: DETERMINAÇÃO DO GRAU DE ESFEROIDIZAÇÃO. Tecnologia Em Metalurgia E Materiais, 2010, 6, 158-161.	0.1	0
33	A Comparative Study of the Mott-Schottky Behavior of Oxide Films on Stainless Steels in Ionic Liquids and in Aqueous Solutions. ECS Transactions, 2009, 25, 31-36.	0.3	3
34	Electrochemically induced self-assembly of alkanethiolate adlayers on carbon steel in aqueous solutions. Electrochimica Acta, 2009, 54, 4817-4821.	2.6	6
35	Novel Inorganic Host Layered Double Hydroxides Intercalated with Guest Organic Inhibitors for Anticorrosion Applications. ACS Applied Materials & Interfaces, 2009, 1, 2353-2362.	4.0	277
36	SVET Study of the Descaling of Thermal Scales Formed on AISI 1095 and AISI 52100 Steels. ECS Transactions, 2009, 25, 47-54.	0.3	2

#	ARTICLE	IF	CITATIONS
37	EIS Study of Soil Corrosivity. ECS Transactions, 2008, 11, 35-40.	0.3	5
38	Novel hybrid sol-gel coatings for corrosion protection of AZ31B magnesium alloy. Electrochimica Acta, 2008, 53, 4773-4783.	2.6	253
39	The Influence of Inclusions and Naphthenic Acids on the Corrosion of Pipeline Steels. ECS Transactions, 2007, 3, 173-179.	0.3	5
40	Selective Dissolution of Ni from Nitinol for Increasing the Biocompatibility. ECS Transactions, 2007, 11, 29-38.	0.3	3
41	AFM Study of the Corrosion of Pipeline Steel in Organic Compounds Extracted from Soil. ECS Transactions, 2007, 11, 107-119.	0.3	1
42	Voltage Oscillations and Morphology during the Galvanostatic Formation of Self-Organized TiO ₂ Nanotubes. Journal of the Electrochemical Society, 2006, 153, B137.	1.3	82
43	N-Doping of anodic TiO ₂ nanotubes using heat treatment in ammonia. Electrochemistry Communications, 2006, 8, 544-548.	2.3	244
44	Microcharacterization of Colored Films Formed on AISI 304 by Different Electrochemical Methods. Journal of the Electrochemical Society, 2006, 153, B411.	1.3	8
45	Evaluation of Electrochemical Surface Treatments of Ti by using Mesenchymal Stem Cells Culture. ECS Transactions, 2006, 3, 9-16.	0.3	0
46	Influence of Humic Substances on the Corrosion of the API 5LX65 Steel. Corrosion, 2006, 62, 35-43.	0.5	13
47	The influence of surface treatments in hot acid solutions on the corrosion resistance and oxide structure of stainless steels. Corrosion Science, 2005, 47, 757-769.	3.0	23
48	Initiation and Growth of Self-Organized TiO ₂ Nanotubes Anodically Formed in NH ₄ ⁺ (NH ₄) ₂ SO ₄ Electrolytes. Journal of the Electrochemical Society, 2005, 152, B405.	1.3	284
49	Title is missing!. Journal of Applied Electrochemistry, 2002, 32, 883-889.	1.5	8
50	Influence of Humic Substances on the Corrosion of the API 5LX65 Steel. , 2002, , .		1