

Assis Benedetti

List of Publications by Year in descending order

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160
papers

3,639
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134610

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162
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times ranked

3412
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#	ARTICLE	IF	CITATIONS
1	Passivation Level of AISI 316L Aseptic Tank Surface Quantified by On-Site Electrochemical Techniques. <i>Materials Research</i> , 2022, 25, .	0.6	0
2	New insights into oxidative-reductive leaching of chalcopyrite concentrate using a central composite factorial design. <i>Minerals Engineering</i> , 2022, 180, 107467.	1.8	7
3	Electrochemical Corrosion Characterization of Submicron WC-12Co Coatings Produced by CGS and HVOF Compared with Sintered Bulks. <i>Coatings</i> , 2022, 12, 620.	1.2	1
4	On-site weld quality assessment and qualification for stainless steels tanks. <i>Eletica Quimica</i> , 2022, 47, 55-65.	0.2	1
5	Biobased self-healing polyurethane coating with Zn micro-flakes for corrosion protection of AA7475. <i>Chemical Engineering Journal</i> , 2021, 404, 126478.	6.6	53
6	Anti-biofilm activity and in vitro biocompatibility of copper surface prepared by cold gas spray. <i>Surface and Coatings Technology</i> , 2021, 411, 126981.	2.2	5
7	Novel healing coatings based on natural-derived polyurethane modified with tannins for corrosion protection of AA2024-T3. <i>Corrosion Science</i> , 2020, 162, 108213.	3.0	51
8	Effect of MAG welding transfer mode on sigma phase precipitation and corrosion performance of 316L stainless steel multi-pass welds. <i>Journal of Materials Research and Technology</i> , 2020, 9, 10537-10549.	2.6	21
9	Self-healing ability based on hydrogen bonds in organic coatings for corrosion protection of AA1200. <i>Corrosion Science</i> , 2020, 177, 108984.	3.0	41
10	Effect of the Outer Layer of Al Coatings Deposited by Cold Gas Spray on the Microstructure, Mechanical Properties and Corrosion Resistance of the AA 7075-T6 Aluminum Alloy. <i>Journal of Thermal Spray Technology</i> , 2020, 29, 1040-1053.	1.6	9
11	Electrochemical noise analysis to obtain the R _{sn} value via FFT using Excel. <i>Eletica Quimica</i> , 2020, 45, 57-70.	0.2	0
12	Corrosion Assessment of ASME Qualified Welding Procedures for Grade 2101 Lean Duplex Stainless Steel. <i>Corrosion</i> , 2019, 75, 1216-1229.	0.5	12
13	Influence of cold gas spray parameters on the corrosion resistance of Al ₂ O ₃ coatings sprayed on carbon steel. <i>Corrosion Engineering Science and Technology</i> , 2019, 54, 567-574.	0.7	3
14	A Portable Electrochemical Microcell for Weld Inspection of Duplex Stainless Steel Tanks. <i>Corrosion</i> , 2019, 75, 340-348.	0.5	6
15	Tannin: A natural corrosion inhibitor for aluminum alloys. <i>Progress in Organic Coatings</i> , 2019, 135, 368-381.	1.9	67
16	Preparation of Polyurethane Monolithic Resins and Modification with a Condensed Tannin-Yielding Self-Healing Property. <i>Polymers</i> , 2019, 11, 1890.	2.0	15
17	Corrosion resistance and antibacterial properties of copper coating deposited by cold gas spray. <i>Surface and Coatings Technology</i> , 2019, 361, 292-301.	2.2	43
18	Influence of Ce(IV) ions amount on the electrochemical behavior of hybrid films in 0.1 mol L ⁻¹ NaCl solution. <i>Eletica Quimica</i> , 2019, 44, 27.	0.2	9

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19	One-Step Electrodeposition of Nanosized Cobalt Oxy/Hydroxide Composites Obtained from Deep Eutectic Solvent as Multifunctional Catalysts. <i>Journal of the Electrochemical Society</i> , 2018, 165, D266-D272.	1.3	4
20	Novel NiFe/NiFe-LDH composites as competitive catalysts for clean energy purposes. <i>Applied Surface Science</i> , 2018, 447, 107-116.	3.1	29
21	Corrosion behavior of WC-Co coatings deposited by cold gas spray onto AA 7075-T6. <i>Corrosion Science</i> , 2018, 136, 231-243.	3.0	58
22	Pulse electrodeposition of CoFe thin films covered with layered double hydroxides as a fast route to prepare enhanced catalysts for oxygen evolution reaction. <i>Applied Surface Science</i> , 2018, 434, 1153-1160.	3.1	47
23	Is duplex stainless steel more corrosion resistant than 316L in aqueous acid chloride-containing environments at temperatures higher than 100°C?. <i>Corrosion Engineering Science and Technology</i> , 2018, 53, 502-509.	0.7	6
24	Corrosion Resistance Evaluation of HVOF Produced Hydroxyapatite and TiO ₂ -hydroxyapatite Coatings in Hanks' Solution. <i>Materials Research</i> , 2018, 21, .	0.6	23
25	Semi-integrative Voltammetry as an Efficient Tool To Study Simple Electrochemical Systems in Deep Eutectic Solvents. <i>Analytical Chemistry</i> , 2017, 89, 8296-8303.	3.2	12
26	Corrosion characteristics of cold gas spray coatings of reinforced aluminum deposited onto carbon steel. <i>Corrosion Science</i> , 2017, 114, 57-71.	3.0	86
27	EIS Studies of Chalcopyrite Involving Iron(II) Ions. <i>Solid State Phenomena</i> , 2017, 262, 496-500.	0.3	0
28	Caprylate Salts Based on Amines as Volatile Corrosion Inhibitors for Metallic Zinc: Theoretical and Experimental Studies. <i>Frontiers in Chemistry</i> , 2017, 5, 32.	1.8	6
29	PANORAMA DA ELETROQUÍMICA E ELETROANALÍTICA NO BRASIL. <i>Química Nova</i> , 2017, , .	0.3	1
30	Cold gas spray coatings: basic principles corrosion protection and applications. <i>Eclética Química</i> , 2017, 42, 09.	0.2	27
31	Effect of redox potential on chalcopyrite dissolution imposed by addition of ferrous ions. <i>Eclética Química</i> , 2017, 42, 40.	0.2	12
32	The Launch of <i>Eclética Química</i> Journal. <i>Eclética Química</i> , 2017, 42, 3.	0.2	0
33	A Low-Cost Label-Free AFB1 Impedimetric Immunosensor Based on Functionalized CD-Trodes. <i>Chemosensors</i> , 2016, 4, 17.	1.8	10
34	Localised corrosion assesment of crambe-oil-based polyurethane coatings applied on the ASTM 1200 aluminum alloy. <i>Corrosion Science</i> , 2016, 111, 422-435.	3.0	31
35	Simulating the main stages of chalcopyrite leaching and bioleaching in ferrous ions solution: An electrochemical impedance study with a modified carbon paste electrode. <i>Minerals Engineering</i> , 2016, 92, 229-241.	1.8	22
36	Corrosion protection of chromium-coated steel by hybrid sol-gel coatings. <i>Surface and Coatings Technology</i> , 2016, 299, 71-80.	2.2	19

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37	Low-voltage carbon films deposition by electro-exfoliation of graphite into graphene oxide. RSC Advances, 2016, 6, 84194-84199.	1.7	4
38	On the cobalt and cobalt oxide electrodeposition from a glyceline deep eutectic solvent. Physical Chemistry Chemical Physics, 2016, 18, 25048-25057.	1.3	31
39	Influence of the addition of SiO ₂ nanoparticles to a hybrid coating applied on an AZ31 alloy for early corrosion protection. Surface and Coatings Technology, 2016, 303, 372-384.	2.2	43
40	Gold recovery from waste electrical and electronic equipment by electrodeposition: A feasibility study. Hydrometallurgy, 2015, 157, 97-106.	1.8	38
41	Comparison of Gold CD-R Types as Electrochemical Device and as Platform for Biosensors. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2
42	MATHEMATICAL APPROACH OF DIFFUSION IN THE ELECTROCHEMICAL CONTEXT. Quimica Nova, 2015, , .	0.3	0
43	Experimental and Theoretical Studies of Volatile Corrosion Inhibitors Adsorption on Zinc Electrode. Journal of the Brazilian Chemical Society, 2014, , .	0.6	3
44	Electrodeposition of Ni-B and Ni-Co-B Alloys by Using Boric Acid as Boron Source. ECS Electrochemistry Letters, 2014, 3, D10-D12.	1.9	5
45	Structural, morphological and magnetic characterization of electrodeposited Co-Fe-W alloys. Journal of Alloys and Compounds, 2014, 611, 243-248.	2.8	23
46	Effect of Na-chloride on the bioleaching of a chalcopyrite concentrate in shake flasks and stirred tank bioreactors. Hydrometallurgy, 2013, 138, 1-13.	1.8	54
47	On the electrochemical behavior of Cu-16%Zn-6.5%Al alloy containing the η^2 -phase (martensite) in borate buffer. Electrochimica Acta, 2013, 107, 238-247.	2.6	8
48	Use of conventional electrochemical techniques to produce crystalline FeRh alloys induced by Ag seed layer. Journal of Alloys and Compounds, 2013, 573, 37-42.	2.8	1
49	Influence of current density on crystalline structure and magnetic properties of electrodeposited Co-rich CoNiW alloys. Materials Chemistry and Physics, 2013, 141, 576-581.	2.0	38
50	Influence of ethanol, acidity and chloride concentration on the corrosion resistance of AISI 316L stainless steel. Journal of the Brazilian Chemical Society, 2013, 24, 397-405.	0.6	5
51	Influence of Ethanol, Acidity and Chloride Concentration on the Corrosion Resistance of AISI 316L Stainless Steel. Journal of the Brazilian Chemical Society, 2013, , .	0.6	1
52	Study of the Influence of the Rare Earth Elements (Ce ³⁺ and Ce ⁴⁺) Concentration on the Siloxanes Coating Applied on the Copper Surface. ECS Transactions, 2012, 43, 3-7.	0.3	0
53	Influence of Benzoyl Peroxide (BPO) on Polysiloxane Thin Films Doped with Ce(III) onto Tin Coated Steel and Their Anticorrosion Properties. ECS Transactions, 2012, 43, 9-16.	0.3	0
54	Using the Electrochemical Impedance Spectroscopy to Characterize Carbon Steel in Biodiesel Medium. ECS Transactions, 2012, 43, 71-77.	0.3	4

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55	PreparaçãŁo de vidros e vitrocerâmicas de Áxidos de metais pesados contendo prata: propriedades Ápticas, estruturais e eletroquâmicas. <i>Quimica Nova</i> , 2012, 35, 755-761.	0.3	0
56	Electrochemical study of TEOS, TEOS/MPTS, MPTS/MMA and TEOS/MPTS/MMA films on tin coated steel in 3.5% NaCl solution. <i>Progress in Organic Coatings</i> , 2012, 74, 288-301.	1.9	76
57	Desenvolvimento de microcŁula eletroquâmica para estudos de microrregiŁes. <i>Quimica Nova</i> , 2012, 35, 218-222.	0.3	1
58	Evaluation of 316L Stainless Steel Corrosion Resistance in Solution Simulating the Acid Hydrolysis of Biomass. <i>Journal of the Electrochemical Society</i> , 2011, 158, C95.	1.3	4
59	Eletrodo de pasta de carbono em minicavidade de contato sÁlido. <i>Ecletica Quimica</i> , 2011, 36, 183-204.	0.2	1
60	Amperometric Immunosensor for Chagasâ™ Disease Using Gold CDâ€R Transducer. <i>Electroanalysis</i> , 2011, 23, 2555-2561.	1.5	14
61	ConstruãŁo de uma cŁula-autoclave para medidas eletroquâmicas a altas temperaturas. <i>Quimica Nova</i> , 2011, 34, 1647-1650.	0.3	1
62	Local electrochemical investigation of single grains of polycrystalline Cu-16%Zn-8%Al alloy. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 2108-2114.	0.6	2
63	Corrosion protection of stainless steel by polysiloxane hybrid coatings prepared using the solâ€gel process. <i>Surface and Coatings Technology</i> , 2010, 204, 2689-2701.	2.2	129
64	Optimization of incubation time of protein Tc85 in the construction of biosensor: Is the EIS a good tool?. <i>Journal of Electroanalytical Chemistry</i> , 2010, 643, 1-8.	1.9	12
65	Effect of cerium (IV) ions on the anticorrosion properties of siloxane-poly(methyl methacrylate) based film applied on tin coated steel. <i>Electrochimica Acta</i> , 2010, 55, 5100-5109.	2.6	49
66	Electrochemical behavior of Cu-9%Al-5%Ni-2%Mn alloy in chloride media. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1530-1536.	0.6	6
67	Improvement of the corrosion resistance of polysiloxane hybrid coatings by cerium doping. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 2606-2612.	1.5	51
68	ConstruãŁo de cŁula eletroquâmica para observaãŁo de amostras in situ em estereomicroscÁpio. <i>Quimica Nova</i> , 2010, 33, 1394-1397.	0.3	3
69	Optimization of the use of carbon paste electrodes (CPE) for electrochemical study of the chalcopyrite. <i>Quimica Nova</i> , 2009, 32, 1734-1738.	0.3	16
70	Utilization of electrochemical impedance spectroscopy for monitoring bornite (Cu ₅ FeS ₄) oxidation by <i>Acidithiobacillus ferrooxidans</i> . <i>Minerals Engineering</i> , 2009, 22, 254-262.	1.8	51
71	Electrochemical and spectroscopic characterization of screen-printed gold-based electrodes modified with self-assembled monolayers and Tc85 protein. <i>Journal of Electroanalytical Chemistry</i> , 2009, 634, 111-122.	1.9	27
72	Corrosion and Wear Studies of Cr ₃ C ₂ NiCr-HVOF Coatings Sprayed on AA7050 T7 Under Cooling. <i>Journal of Thermal Spray Technology</i> , 2009, 18, 353-363.	1.6	45

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73	SAE 1045 steel/WCâ€“Co/Niâ€“Cuâ€“Ni/SAE 1045 steel joints prepared by dynamic diffusion bonding: Microelectrochemical studies in 0.6 M NaCl solution. <i>Electrochimica Acta</i> , 2009, 55, 551-559.	2.6	15
74	Influence of cerium (IV) ions on the mechanism of organosilane polymerization and on the improvement of its barrier properties. <i>Electrochimica Acta</i> , 2009, 54, 2655-2662.	2.6	60
75	Corrosion behaviour of thermal sprayed nitinol coatings. <i>Corrosion Science</i> , 2009, 51, 171-180.	3.0	60
76	First order reversal curve analysis of nanocrystalline Pd80Co20 alloy films. <i>Journal of Alloys and Compounds</i> , 2009, 479, 43-48.	2.8	17
77	Changes on iron electrode surface during hydrogen permeation in borate buffer solution. <i>Electrochimica Acta</i> , 2008, 53, 3670-3679.	2.6	41
78	Cr3C2â€“NiCr and WCâ€“Ni thermal spray coatings as alternatives to hard chromium for erosionâ€“corrosion resistance. <i>Surface and Coatings Technology</i> , 2008, 202, 1405-1417.	2.2	175
79	Influence of HVOF parameters on the corrosion and wear resistance of WC-Co coatings sprayed on AA7050 T7. <i>Surface and Coatings Technology</i> , 2008, 202, 4746-4757.	2.2	102
80	La ³⁺ back-reflection method for crystallographic orientation of a martensitic Cu-Zn-Al single crystal of the monoclinic system. <i>Quimica Nova</i> , 2008, 31, 154-159.	0.3	1
81	Electrochemical Noise Analysis of Chalcopyrite Carbon Paste Electrodes by <i>Acidithiobacillus ferrooxidans</i>. <i>Advanced Materials Research</i> , 2007, 20-21, 83-86.	0.3	2
82	Electrochemical Techniques Used To Study BacteriaL-Metal Sulfides Interactions In Acidic Environments. , 2007, , 59-76.		4
83	WC-CoCr coatings sprayed by high velocity oxygen-fuel (HVOF) flame on AA7050 aluminum alloy: electrochemical behavior in 3.5% NaCl solution. <i>Materials Research</i> , 2007, 10, 377-385.	0.6	20
84	Direct Determination of Phosphite in Fertilizers by Flow-Injection Amperometry. <i>Electroanalysis</i> , 2007, 19, 1794-1798.	1.5	3
85	The influence of residual stress and crystallite size on the magnetic properties of electrodeposited nanocrystalline Pdâ€“Co alloys. <i>Surface and Coatings Technology</i> , 2007, 202, 107-113.	2.2	14
86	Solid state reactions in the platinumâ€“mercury system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 88, 127-132.	2.0	11
87	Comparative study of Cr3C2â€“NiCr coatings obtained by HVOF and hard chromium coatings. <i>Corrosion Science</i> , 2006, 48, 2998-3013.	3.0	131
88	Thermal stability of the martensitic transformation of Cuâ€“Alâ€“Niâ€“Mnâ€“Ti. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 438-440, 723-725.	2.6	23
89	Electrochemical noise analysis of bioleaching of bornite (Cu5FeS4) by <i>Acidithiobacillus ferrooxidans</i> . <i>Hydrometallurgy</i> , 2006, 83, 50-54.	1.8	27
90	Influence of spraying parameters on the electrochemical behaviour of HVOF thermally sprayed stainless steel coatings in 3.4% NaCl. <i>Surface and Coatings Technology</i> , 2006, 200, 3064-3072.	2.2	41

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91	Thermal analysis and electrochemical study of Hg reactions on Pt-30% Ir alloy electrode. Journal of Thermal Analysis and Calorimetry, 2006, 86, 403-410.	2.0	4
92	Effect of the bath pH on the electrodeposition of nanocrystalline Pd-Co alloys and their magnetic properties. Journal of Magnetism and Magnetic Materials, 2006, 306, 199-203.	1.0	21
93	Investigation of the interaction between Tc85-11 protein and antibody anti-T. cruzi by AFM and amperometric measurements. Electrochimica Acta, 2006, 51, 5046-5052.	2.6	18
94	Electrochemical and Structural Characterization of Heat-Treated Cr ₃ C ₂ -NiCr Coatings. Journal of the Electrochemical Society, 2006, 153, B434.	1.3	24
95	Effect of hydrogen charging on the stability of SAE 10B22 steel surface in alkaline solutions. Electrochimica Acta, 2005, 51, 641-648.	2.6	23
96	High-Velocity Oxyfuel Cr ₃ C ₂ -NiCr Replacing Hard Chromium Coatings. Journal of Thermal Spray Technology, 2005, 14, 335-341.	1.6	97
97	Electrochemical behavior of thermally sprayed stainless steel coatings in 3.4% NaCl solution. Corrosion Science, 2005, 47, 605-620.	3.0	62
98	Oxidative dissolution of chalcopyrite by Acidithiobacillus ferrooxidans analyzed by electrochemical impedance spectroscopy and atomic force microscopy. Bioelectrochemistry, 2004, 64, 79-84.	2.4	50
99	The influence of gun transverse speed on electrochemical behaviour of thermally sprayed Cr ₃ C ₂ -NiCr coatings in 0.5 M H ₂ SO ₄ solution. Electrochimica Acta, 2004, 49, 627-634.	2.6	21
100	Effect of citrate ions on the electrochemical behaviour of low-carbon steel in borate buffer solutions. Corrosion Science, 2004, 46, 529-545.	3.0	38
101	Electrochemical studies with a Cu-5wt.%Ni alloy in 0.5 M H ₂ SO ₄ . Electrochimica Acta, 2003, 48, 2791-2798.	2.6	38
102	Influence of the Al content on the phase transformations in Cu-Al-Ag alloys. Eclética Química, 2003, 28, 33-38.	0.2	10
103	Characterization of bornite (Cu ₅ FeS ₄) electrodes in the presence of the bacterium Acidithiobacillus ferrooxidans. Journal of the Brazilian Chemical Society, 2003, 14, 637-644.	0.6	22
104	Desenvolvimento de um dispositivo para obtenção de monocristais de ligas base de cobre. Química Nova, 2003, 26, 757-762.	0.3	2
105	The Influence of Metallic Oxides Formed by Repetitive Cyclic Voltammetry or Controlled Potential in the Reactivity of Ir/Hg System. Portugaliae Electrochimica Acta, 2003, 21, 69-78.	0.4	5
106	Electrochemical Characterisation Study of Coatings Obtained by High Velocity Oxy-Fuel Spraying (HVOF). Portugaliae Electrochimica Acta, 2003, 21, 141-154.	0.4	1
107	Contribution to the Study of Ir Electrodes in Aqueous Solution of KNO ₃ /HNO ₃ and KNO ₃ /HNO ₃ /Hg ₂ (NO ₃) ₂ . Portugaliae Electrochimica Acta, 2003, 21, 155-169.	0.4	4
108	Electrochemical Studies of Cu-Al Alloys in Sulphate Solutions with Different pH. Portugaliae Electrochimica Acta, 2003, 21, 117-139.	0.4	1

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109	Effects of thickness coating on the electrochemical behaviour of thermal spray Cr ₃ C ₂ -NiCr coatings. Surface and Coatings Technology, 2002, 153, 107-113.	2.2	84
110	Electrochemical behavior of cobalt oxide coatings on cold-rolled steel in alkaline sodium sulfate. Electrochimica Acta, 2002, 47, 1875-1883.	2.6	32
111	Electrochemical behaviour of heat-treated Al _{1-x} Zn _x Mg alloys in chloride solutions containing sulphate. Electrochimica Acta, 2002, 47, 2823-2831.	2.6	24
112	Structural and surface properties of thermally prepared Ti/Rh _x Ti _(1-x) O _y electrodes: influence of preparation parameters. Electrochimica Acta, 2002, 47, 1283-1295.	2.6	7
113	Solid-state Reactions of Mercury with Pure Noble Metals Part 2. Mercury-iridium system. Magyar Árvizlemények, 2002, 67, 403-410.	1.4	10
114	Electrochemical behaviour of thermally sprayed Cr ₃ C ₂ -NiCr coatings in 0.5 M H ₂ SO ₄ media. Journal of Applied Electrochemistry, 2002, 32, 1287-1295.	1.5	22
115	Cinética de dissolução da superfície de aço SAE-AISI 1005 em meio ácido. Ectetica Quimica, 2002, 27, 113-124.	0.2	2
116	Isothermal aging kinetics in the Cu-19 at.%Al alloy. Journal of Alloys and Compounds, 2001, 315, 150-157.	2.8	17
117	Electrochemical studies of copper-aluminum-silver alloys in 0.5 M H ₂ SO ₄ . Electrochimica Acta, 2001, 46, 1043-1051.	2.6	13
118	Title is missing!. Journal of Applied Electrochemistry, 2001, 31, 293-300.	1.5	6
119	Thermal Behavior of Cu-Al Alloys Near the \pm -Cu-Al Solubility Limit. Magyar Árvizlemények, 2001, 65, 221-229.	1.4	26
120	Microstructural Characteristics and Electrochemical Behavior of Co ₃ O ₄ Sintered Electrodes. Key Engineering Materials, 2001, 189-191, 388-393.	0.4	0
121	Determinação das energias de ativação para nucleação e difusão da prata na liga cu-2%al com adições de prata. Ectetica Quimica, 2001, 26, 99-109.	0.2	1
122	Effect of welding on the microstructure and electrochemical corrosion of Al-Zn-Mg-Fe alloys. Electrochimica Acta, 2000, 45, 2187-2195.	2.6	10
123	Contribution to the Study of the Solid-state Reaction of Mercury With Pure Rhodium. Magyar Árvizlemények, 2000, 59, 617-624.	1.4	10
124	Microeletrodos: III. arranjos de microeletrodos, construção e caracterização. Ectetica Quimica, 2000, 25, 171-195.	0.2	0
125	Electrodeposited thin mercury films on Pt-Ir alloy electrodes. Thin Solid Films, 1999, 349, 147-154.	0.8	16
126	Voltammetric study of Al-Zn-Mg alloys in chloride solutions. Journal of Applied Electrochemistry, 1999, 29, 1241-1244.	1.5	2

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127	Influence of silver additions on the aging characteristics of the Cu-10.4at.%Al alloy. Journal of Alloys and Compounds, 1998, 268, 122-129.	2.8	20
128	A complex structure in the (L2+L30) region of the Cu-Al alloys. Journal of Alloys and Compounds, 1998, 280, 188-195.	2.8	8
129	Influence of silver additions on the structure and phase transformation of the Cu-13 wt% Al alloy. Journal of Materials Science, 1997, 32, 6299-6303.	1.7	4
130	Microeletrodos: I. Constru�o e caracteriza�o. Ectetica Quimica, 1997, 22, 147-169.	0.2	2
131	Microeletrodos: II. Caracteriza�o eletroqu�mica. Ectetica Quimica, 1997, 22, 171-190.	0.2	2
132	Preparation, characterization and electrochemical studies of dinuclear copper(II) complexes with pseudohalides and bidentate amines on platinum electrode in acetonitrile. Journal of the Brazilian Chemical Society, 1997, 8, 271-274.	0.6	9
133	Influ�ncia de adi�es de prata na cin�tica de precipita�o da liga Cu-5%Al. Ectetica Quimica, 1997, 22, 121-132.	0.2	3
134	Electrochemical decomposition of cyanides on tin dioxide electrodes in alkaline media. Analyst, The, 1996, 121, 541.	1.7	19
135	Electrochemical studies of copper, copper-aluminium and copper-aluminium-silver alloys: Impedance results in 0.5M NaCl. Electrochimica Acta, 1995, 40, 2657-2668.	2.6	235
136	Effect of the addition of Cr and Nb on the microstructure and electrochemical corrosion of heat-treatable Al-Zn-Mg alloys. Journal of Applied Electrochemistry, 1995, 25, 781-791.	1.5	12
137	Contribution to the study of the reaction of mercury with platinum and a platinum-iridium alloy. Thermochemica Acta, 1995, 265, 151-161.	1.2	18
138	A New Cu-Based SMA with Extremely High Martensitic Transformation Temperatures. European Physical Journal Special Topics, 1995, 05, C2-361-C2-365.	0.2	8
139	Electrochemical behaviour of (N-R-4-cyanopyridinium)pentaammineruthenium(II) derivatives in acidic medium. Hydrolysis of coordinated nitriles. Polyhedron, 1994, 13, 133-142.	1.0	17
140	Electrochemical behaviour of copper electrode in concentrated sulfuric acid solutions. Electrochimica Acta, 1993, 38, 981-987.	2.6	76
141	Silver dissolution on copper-based alloys. Journal of Materials Science, 1993, 28, 411-414.	1.7	12
142	Electrochemical Studies with Copper-Based Alloys: Open-Circuit Potential Oscillations in Alkaline Media. Journal of the Electrochemical Society, 1993, 140, 1567-1571.	1.3	15
143	Influence of the heat treatment in the electrochemical corrosion of Al-Zn-Mg alloys. Journal of Applied Electrochemistry, 1992, 22, 541-552.	1.5	19
144	Thermal decomposition of vanadyl Schiff-base compounds. Thermochemica Acta, 1992, 202, 45-50.	1.2	8

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145	The electrochemical oxidation of (benzylideneacetone) dicarbonyl(phosphine)iron(0) and (benzylideneacetone)dicarbonyl(phosphite)iron(0) complexes in dimethyl formamide. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 297, 461-468.	0.3	4
146	Potentiodynamic behaviour of Cu–Al–Ag alloys in NaOH: a comparative study related to the pure metals electrochemistry. <i>Electrochimica Acta</i> , 1991, 36, 1409-1421.	2.6	12
147	The influence of the electrochemical treatment on Cu-Al-Ag alloys in deaerated 0.5 M NaOH. <i>Journal of Applied Electrochemistry</i> , 1991, 21, 446-451.	1.5	6
148	The electrochemistry of ferrocene in non-aqueous solvents. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1987, 221, 165-174.	0.3	38
149	Solvent Effects on the Electrochemical Oxidation of [CH ₃ CO ^{III} (Salen)] at Defferent Temperatures. <i>Analytical Letters</i> , 1986, 19, 925-938.	1.0	3
150	Thermal decomposition of derivatives of organocobalt(III). <i>Thermochimica Acta</i> , 1985, 91, 391-395.	1.2	13
151	Thermodynamic properties of liquid mixtures. II. Dimethylformamide-water. <i>Thermochimica Acta</i> , 1983, 63, 151-156.	1.2	37
152	Thermodynamic properties of liquid mixtures. III. Acetone–water. <i>Thermochimica Acta</i> , 1983, 66, 219-223.	1.2	21
153	Reference Electrodes in Dimethylformamide. <i>Analytical Letters</i> , 1983, 16, 1357-1370.	1.0	6
154	Electrochemistry of organometallic compounds. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1982, 133, 45-55.	0.3	20
155	Electrochemistry of organometallic compounds. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1982, 142, 191-199.	0.3	14
156	Construção de um calorímetro para o estudo de propriedades termodinâmicas de soluções. <i>Eletica Quimica</i> , 1980, 5, 39-49.	0.2	2
157	Electrochemistry of organometallic compounds. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1979, 98, 283-296.	0.3	18
158	The Effect of Chloride Ions and A. Ferroxidans on the Oxidative Dissolution of the Chalcopyrite Evaluated by Electrochemical Noise Analysis (ENA). <i>Advanced Materials Research</i> , 0, 71-73, 397-400.	0.3	1
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