

# Ignacio González

## List of Publications by Year in descending order

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137  
papers

3,725  
citations

109264

35  
h-index

182361

51  
g-index

139  
all docs

139  
docs citations

139  
times ranked

3498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the structural reversibility of LiNiO <sub>2</sub> by incorporation of Cu, an electrochemical and in-situ XRD study. <i>Journal of Alloys and Compounds</i> , 2022, 923, 166328.	2.8	6
2	Sequential solvent extraction as a tool for evaluating hydrocarbons speciation in soil after electrochemical treatment. <i>Science of the Total Environment</i> , 2021, 752, 141802.	3.9	1
3	Attachment of <i>Leptospirillum</i> sp. to chemically modified pyrite surfaces. Fast and simple electrochemical monitoring of bacterial-mineral interactions. <i>Hydrometallurgy</i> , 2021, 199, 105534.	1.8	3
4	A Novel Method to Reveal a Ureolytic Biofilm Attachment and In Situ Growth Monitoring by Electrochemical Impedance Spectroscopy. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 1379-1396.	1.4	3
5	Effect of the external metal on the electrochemical behavior of M <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> (M: Co, Ni, Cu, Zn), towards their use as anodes in potassium ion batteries. <i>Electrochimica Acta</i> , 2021, 371, 137828.	2.6	16
6	Supramolecular Assembly of Nanostructured Conducting Polymer Hydrogels by Hydrotropic Agents for Outstanding Supercapacitive Energy Storage. <i>ACS Applied Energy Materials</i> , 2021, 4, 9099-9110.	2.5	19
7	Degradation mechanisms of layered materials (LiCoO <sub>2</sub> and Li <sub>2</sub> CuO <sub>2</sub> ) captured by an EIS-based graphical reconstruction method. <i>Electrochimica Acta</i> , 2021, 397, 139240.	2.6	4
8	Establishing the Relationship between Quantum Capacitance and Softness of N-Doped Graphene/Electrolyte Interfaces within the Density Functional Theory Grand Canonical Kohn-Sham Formalism. <i>Journal of Physical Chemistry A</i> , 2020, 124, 573-581.	1.1	7
9	Partially Reversible H <sub>2</sub> S Adsorption by MFM-300(Sc): Formation of Polysulfides. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18885-18892.	4.0	34
10	Unraveling the effects on lithium-ion cathode performance by cation doping M <sub>2</sub> Li <sub>2</sub> CuO <sub>2</sub> solid solution samples (M = Mn, Fe and Ni). <i>Dalton Transactions</i> , 2020, 49, 4549-4558.	1.6	13
11	The Intriguing Nature of Fluorine Doping on Li <sub>2</sub> CuO <sub>2</sub> and the Reasons Behind the Inhibition of Oxygen Evolution. <i>ACS Applied Energy Materials</i> , 2020, 3, 2771-2780.	2.5	7
12	A Graphical Approach for Identifying the Limiting Processes in Lithium-Ion Battery Cathode Using Electrochemical Impedance Spectroscopy. <i>Journal of the Electrochemical Society</i> , 2020, 167, 100529.	1.3	39
13	Biotechnological processes improved with electric fields: the importance of operational parameters selection. <i>Revista Mexicana De Ingeniera Quimica</i> , 2020, 19, 111-121.	0.2	3
14	Charge Delocalization on BO <sub>4</sub> Centers to Improve Conductivity on Single Lithium Ion Conducting Polymer Electrolytes: A Computational/Experimental Approach. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17686-17694.	1.5	36
15	Electrochemical monitoring of <i>Acidithiobacillus thiooxidans</i> biofilm formation on graphite surface with elemental sulfur. <i>Bioelectrochemistry</i> , 2019, 128, 30-38.	2.4	11
16	Experimental and Theoretical Investigation on the Origin of the High Intercalation Voltage of K <sub>2</sub> Zn <sub>3</sub> [Fe(CN) <sub>6</sub> ] <sub>2</sub> Cathode. <i>Journal of the Electrochemical Society</i> , 2019, 166, A5139-A5145.	1.3	18
17	Understanding galvanic interactions between chalcopyrite and magnetite in acid medium to improve copper (Bio)Leaching. <i>Electrochimica Acta</i> , 2018, 265, 569-576.	2.6	23
18	Electroreduction as a viable strategy to obtain TiO <sub>2</sub> nanotube films with preferred anatase crystal orientation and its impact on photoelectrochemical performance. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1881-1891.	1.2	5

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19	Effect of Metal Substrate on Photo(electro)catalytic Activity of B-Doped Graphene Modified TiO <sub>2</sub> Thin Films: Role of Iron Oxide Nanoparticles at Grain Boundaries of TiO <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , 2018, 122, 297-306.	1.5	18
20	Electronic density distribution of Mn–N bonds by a tuning effect through partial replacement of Mn by Co or Ni in a sodium-rich hexacyanoferrate and its influence on the stability as a cathode for Na-ion batteries. <i>Dalton Transactions</i> , 2018, 47, 16492-16501.	1.6	28
21	Interactions of mimic weathered pyrite surfaces (FeS <sub>2</sub> ) with acidic culture media (0–K): An approach for (bio)leaching applications. <i>Hydrometallurgy</i> , 2018, 182, 128-135.	1.8	6
22	High voltage – Improved reversible capacity in Ni <sup>2+/3</sup> modified copper-based cathodes for lithium ion batteries. <i>Electrochemistry Communications</i> , 2018, 96, 32-36.	2.3	6
23	Electrochemical Characterization of Single Lithium-Ion Conducting Polymer Electrolytes Based on sp <sup>3</sup> Boron and Poly(ethylene glycol) Bridges. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30247-30256.	4.0	41
24	Effect of the Support Nanostructure (Nanofibers and Nanotubes) on the Photoelectrochemical Performance of TiO <sub>2</sub> -CdO@CdS Semiconducting Architectures. <i>Journal of the Electrochemical Society</i> , 2017, 164, H286-H292.	1.3	10
25	Controlling Li <sub>2</sub> CuO <sub>2</sub> single phase transition to preserve cathode capacity and cyclability in Li-ion batteries. <i>Solid State Ionics</i> , 2017, 303, 89-96.	1.3	19
26	Photoelectrochemical hydrogen generation on TiO <sub>2</sub> nanotube arrays sensitized with CdS@Sb <sub>2</sub> S <sub>3</sub> core shell particles. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 30249-30256.	3.8	12
27	Water effect on sodium mobility in zinc hexacyanoferrate during charge/discharge processes in sodium ion-based battery. <i>Solid State Ionics</i> , 2017, 312, 67-72.	1.3	23
28	Improved performance of LiFePO <sub>4</sub> cathode for Li-ion batteries through percolation studies. <i>Electrochimica Acta</i> , 2017, 247, 451-459.	2.6	40
29	Energetic states in SnO <sub>2</sub> –TiO <sub>2</sub> structures and their impact on interfacial charge transfer process. <i>Journal of Materials Science</i> , 2017, 52, 260-275.	1.7	36
30	Evaluation of the simultaneous removal of recalcitrant drugs (bezafibrate, gemfibrozil, indomethacin) by electro-oxidation coupled with a biological system. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2964-2974.	1.2	20
31	An experimental and theoretical correlation to account for the effect of LiPF <sub>6</sub> concentration on the ionic conductivity of poly(poly (ethylene glycol) methacrylate). <i>Solid State Ionics</i> , 2016, 290, 98-107.	1.3	26
32	Improving the contact properties of CdS-decorated TiO <sub>2</sub> nanotube arrays using an electrochemical/thermal/chemical approach. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2713-2723.	1.2	15
33	Hydrodynamic study of a novel membrane aerated biofilm reactor (MABR): Tracer experiments and CFD simulation. <i>Chemical Engineering Science</i> , 2015, 138, 324-332.	1.9	21
34	Operation and dynamic modeling of a novel integrated anaerobic–aerobic–anoxic reactor for sewage treatment. <i>Chemical Engineering Science</i> , 2015, 138, 31-40.	1.9	6
35	Microrespirometric characterization of activated sludge inhibition by copper and zinc. <i>Biodegradation</i> , 2014, 25, 867-879.	1.5	8
36	Relation between Morphology and Photoelectrochemical Performance of TiO <sub>2</sub> Nanotubes Arrays Grown in Ethylene Glycol/Water. <i>Procedia Chemistry</i> , 2014, 12, 34-40.	0.7	11

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37	Semiconducting properties of ZnO/TiO <sub>2</sub> composites by electrochemical measurements and their relationship with photocatalytic activity. <i>Electrochimica Acta</i> , 2014, 140, 541-549.	2.6	95
38	Effect of heat treatment on the crystal phase composition, semiconducting properties and photoelectrocatalytic color removal efficiency of TiO <sub>2</sub> nanotubes arrays. <i>Electrochimica Acta</i> , 2014, 140, 564-571.	2.6	56
39	Relationship between anode material, supporting electrolyte and current density during electrochemical degradation of organic compounds in water. <i>Journal of Hazardous Materials</i> , 2014, 278, 221-226.	6.5	66
40	Predominance-Zone Diagrams for Chemical Species. , 2014, , 1702-1713.		2
41	Changes in biofilm structure during the colonization of chalcopyrite by <i>Acidithiobacillus thiooxidans</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 6065-6075.	1.7	11
42	Electrochemical oxidation of bio-refractory dye in a simulated textile industry effluent using DSA electrodes in a filter-press type FM01-LC reactor. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 573-583.	1.2	28
43	Influence of the surface speciation on biofilm attachment to chalcopyrite by <i>Acidithiobacillus thiooxidans</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 2711-2724.	1.7	26
44	Effect of pH on the Barrier Layer of TiO <sub>2</sub> Nanoporous Films Potentiostatically Grown in Aqueous Media Containing Fluoride Ions. <i>Journal of the Electrochemical Society</i> , 2013, 160, C291-C297.	1.3	10
45	Effect of water and fluoride content on morphology and barrier layer properties of TiO <sub>2</sub> nanotubes grown in ethylene glycol-based electrolytes. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2939-2947.	1.2	37
46	Effect of Counter-ion and Solvent on the Morphology and Barrier Layer Properties of Nanoporous/Nanotubular TiO <sub>2</sub> Films Grown by Anodization in Fluoride Containing Media. <i>Journal of the Electrochemical Society</i> , 2013, 160, C247-C252.	1.3	4
47	Electrochemical characterization of carbon paste electrodes modified with MgZnGa and ZnGaAl hydroxalcite-like compounds. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 3145-3152.	1.2	6
48	TiO <sub>2</sub> photoanodes prepared by cathodic electrophoretic deposition in 2-propanol: effect of the electric field and deposition time. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 519-526.	1.2	9
49	Electrocrystallization of cadmium on anodically formed titanium oxide. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 445-457.	1.2	4
50	TiO <sub>2</sub> Nanotubes Formed in Aqueous Media: Relationship between Morphology, Electrochemical Properties and Photoelectrochemical Performance for Water Oxidation. <i>Journal of the Electrochemical Society</i> , 2013, 160, H452-H458.	1.3	20
51	Morphology, Dielectric and Thermal Properties of Poly(sulfobutylbetaine)/Montmorillonite (PMBS- $\epsilon$ 4/MMT) Nanocomposites as Solid Polymer Electrolytes. <i>Macromolecular Symposia</i> , 2013, 325-326, 156-167.	0.4	4
52	Ti Anodization in Alkaline Electrolyte: The Relationship between Transport of Defects, Film Hydration and Composition. <i>Journal of the Electrochemical Society</i> , 2013, 160, C277-C284.	1.3	42
53	EIS Characterization of the Barrier Layer Formed over Ti during its Potentiostatic Anodization in 0.1 M HClO <sub>4</sub> /xM HF (1M $\hat{a}$ %x% 500M). <i>Journal of the Electrochemical Society</i> , 2012, 159, C101-C108.	1.3	17
54	Influence of oxygen reduction and hydrogen evolution in the gold and silver direct electrodeposition process from thiourea solutions in a filter press type reactor. <i>Hydrometallurgy</i> , 2012, 129-130, 90-96.	1.8	11

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55	Correlation between Hydrogen Bonding Association Constants in Solution with Quantum Chemistry Indexes: The Case of Successive Association between Reduced Species of Quinones and Methanol. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10638-10645.	1.1	7
56	Influence of the sulfur species reactivity on biofilm conformation during pyrite colonization by <i>Acidithiobacillus thiooxidans</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 799-809.	1.7	20
57	Modification of growth parameters of Ti anodic films by fluoride ion insertion. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2709-2715.	1.2	6
58	Electrochemical Behavior of (Zn, Mn)-Al Nitrated Hydroxalcalites. <i>Journal of New Materials for Electrochemical Systems</i> , 2012, 15, 301-306.	0.3	2
59	Generación de estados superficiales durante la formación electroforética catódica de películas de TiO <sub>2</sub> sobre ito. <i>Química Nova</i> , 2011, 34, 390-396.	0.3	3
60	Electrochemical study of orpiment (As <sub>2</sub> S <sub>3</sub> ) dissolution in a NaOH solution. <i>Hydrometallurgy</i> , 2011, 105, 296-303.	1.8	31
61	Influence of the HClO <sub>4</sub> Concentration over the Morphology and Growth of TiO <sub>2</sub> Anodic Porous Films Formed in 5 mM HF/xM HClO <sub>4</sub> (0.05 M ≤ x ≤ 1M). <i>ECS Transactions</i> , 2011, 36, 257-265.	0.3	6
62	EIS characterization of tantalum and niobium oxide films based on a modification of the point defect model. <i>Journal of Electroanalytical Chemistry</i> , 2010, 638, 51-58.	1.9	25
63	Influence of structural transformations over the electrochemical behavior of Ti anodic films grown in 0.1M NaOH. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 757-767.	1.2	21
64	On the Reactivity of Sulfosalts in Cyanide Aqueous Media: Structural, Bonding and Electronic Aspects. <i>ChemPhysChem</i> , 2010, 11, 2879-2886.	1.0	21
65	Magnetic interactions as a stabilizing factor of semiquinone species of lawsone by metal complexation. <i>Electrochimica Acta</i> , 2010, 55, 9042-9050.	2.6	27
66	Analysis and interpretation of residence time distribution experimental curves in FM01-LC reactor using axial dispersion and plug dispersion exchange models with closed boundary conditions. <i>Electrochimica Acta</i> , 2010, 56, 361-371.	2.6	44
67	Towards a molecular-level understanding of the reactivity differences for radical anions of juglone and plumbagin: an electrochemical and spectroelectrochemical approach. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1896.	1.5	30
68	Surface characterization by X-ray photoelectron spectroscopy and cyclic voltammetry of products formed during the potentiostatic reduction of chalcopyrite. <i>Electrochimica Acta</i> , 2008, 53, 4889-4899.	2.6	61
69	A dicopper complex with distant metal centers. Structure, magnetic properties, electrochemistry and catecholase activity. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1227-1235.	1.5	54
70	Selective silver electroseparation from ammoniacal thiosulfate leaching solutions using a rotating cylinder electrode reactor (RCE). <i>Hydrometallurgy</i> , 2008, 92, 115-123.	1.8	19
71	Electrodeposition of a Silver-Gold Alloy (DOR%) from Thiourea Solutions in the Presence of Other Metallic Ion Impurities. <i>Hydrometallurgy</i> , 2008, 93, 23-29.	1.8	26
72	Influence of the Cation Na/Ca/Ag Ratio on the Ion Exchange Rate in Zeolite A-Modified Carbon Paste Electrodes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17206-17213.	1.5	7

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73	Pyrite~Arsenopyrite Galvanic Interaction and Electrochemical Reactivity. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10453-10461.	1.5	31
74	Influence of <i>Desulfovibrio</i> sp. biofilm on SAE 1018 carbon steel corrosion in synthetic marine medium. <i>Corrosion Science</i> , 2007, 49, 3580-3597.	3.0	48
75	Analysis of the Substituent Effect on the Reactivity Modulation during Self-Protonation Processes in 2-Nitrophenols. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8993-9002.	1.1	15
76	Remote Position Substituents as Modulators of Conformational and Reactive Properties of Quinones. Relevance of the $\pi$ - $\pi$ Intramolecular Interaction. <i>Journal of Organic Chemistry</i> , 2007, 72, 1883-1894.	1.7	20
77	Electrochemical incineration of p-cresol and o-cresol in the filter-press-type FM01-LC electrochemical cell using BDD electrodes in sulfate media at pH 0. <i>Electrochimica Acta</i> , 2007, 52, 3229-3235.	2.6	46
78	A strategy to determine the potential interval for selective silver electrodeposition from ammoniacal thiosulfate solutions. <i>Hydrometallurgy</i> , 2007, 85, 144-153.	1.8	19
79	Effects of the molecular structure on the electrochemical properties of naturally occurring $\hat{\pm}$ -hydroxyquinones. An electrochemical and ESR study. <i>Journal of Electroanalytical Chemistry</i> , 2007, 603, 155-165.	1.9	30
80	EIS characterization of the evolution of calcium carbonate scaling in cooling systems in presence of inhibitors. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 1245-1252.	1.2	15
81	The Relationship between the Surface Composition and Electrical Properties of Corrosion Films Formed on Carbon Steel in Alkaline Sour Medium: An XPS and EIS Study. <i>Journal of Physical Chemistry B</i> , 2006, 110, 14398-14405.	1.2	29
82	The Role of Hydroxide in the Electrochemical Impedance Response of Passive Films in Corrosion Environments. <i>Journal of the Electrochemical Society</i> , 2006, 153, B101.	1.3	29
83	The impedance characteristics of protective corrosion films on carbon steel in an alkaline sour medium. <i>Electrochimica Acta</i> , 2006, 51, 1534-1540.	2.6	10
84	EIS study on corrosion and scale processes and their inhibition in cooling system media. <i>Electrochimica Acta</i> , 2006, 51, 1847-1854.	2.6	55
85	Electrochemical characterization of chemical species formed during the electrochemical treatment of chalcopyrite in sulfuric acid. <i>Electrochimica Acta</i> , 2006, 51, 5295-5303.	2.6	74
86	Oxidation of 1018 carbon steel in borate medium by in situ EC-STM: Surface morphology of the oxidized ferrite and pearlite phases. <i>Materials Chemistry and Physics</i> , 2006, 96, 343-348.	2.0	4
87	A new approach to describe the passivity of nickel and titanium oxides. , 2006, , 325-330.		0
88	Electrochemical studies of a dinuclear copper complex with imidazole derivative ligand H3bphenim. <i>Journal of Electroanalytical Chemistry</i> , 2005, 579, 103-111.	1.9	10
89	Modification of 1018 carbon steel corrosion process in alkaline sour medium with a formulation of chemical corrosion inhibitors. <i>Electrochimica Acta</i> , 2005, 50, 4451-4460.	2.6	17
90	Acid dissolution influences bacterial attachment and oxidation of arsenopyrite. <i>Minerals Engineering</i> , 2005, 18, 1024-1031.	1.8	33

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91	Voltammetric evaluation of the electrode material on the oxidation of cyanide catalyzed by copper ions. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 566-573.	1.2	9
92	Los electrodos de pasta de carbono en el estudio electroquímico de minerales metálicos. <i>Quimica Nova</i> , 2005, 28, 901-909.	0.3	8
93	The role of intramolecular hydrogen bonding in the electrochemical behavior of hydroxy-quinones and in semiquinone stability. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 299-307.	0.6	33
94	Characterization of different allotropic forms of calcium carbonate scales on carbon steel by electrochemical impedance spectroscopy. <i>Journal of Applied Electrochemistry</i> , 2004, 34, 337-343.	1.5	33
95	Influence of the acidity level change in aprotic media on the voltammetric behavior of nitrogabacinamamides. <i>Electrochimica Acta</i> , 2004, 49, 3403-3411.	2.6	13
96	Electro-recovery of gold and silver from a cyanide leaching solution using a three-dimensional reactor. <i>Electrochimica Acta</i> , 2004, 49, 4417-4423.	2.6	25
97	Correlation of voltammetric behavior of $\hat{\pm}$ -hydroxy and $\hat{\pm}$ -methoxy quinones with the change of acidity level in acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 2004, 573, 289-298.	1.9	22
98	Electrochemical and ESR study on the transformation processes of $\hat{\pm}$ -hydroxy-quinones. <i>Journal of Electroanalytical Chemistry</i> , 2004, 573, 307-314.	1.9	24
99	Electrochemical treatments for selective growth of different calcium carbonate allotropic forms on carbon steel. <i>Water Research</i> , 2004, 38, 173-183.	5.3	28
100	The Reactivity of an Iron(II)/Iron(III) System with Polyamine Ligands in Ethanol: An Electrochemical Study. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 978-987.	1.0	9
101	A Model for Characterization of Successive Hydrogen Bonding Interactions with Electrochemically Generated Charged Species. The Quinone Electroreduction in the Presence of Donor Protons. <i>Electroanalysis</i> , 2003, 15, 635-645.	1.5	56
102	The association of neutral systems linked by hydrogen bond interactions: a quantitative electrochemical approach. <i>Electrochemistry Communications</i> , 2003, 5, 12-15.	2.3	28
103	Electrochemically grown passive films on carbon steel (SAE 1018) in alkaline sour medium. <i>Electrochimica Acta</i> , 2003, 48, 1665-1674.	2.6	45
104	Electrochemical study of $7\hat{\pm},12,20$ -O-trimethyl-conacytone in acetonitrile. <i>Electrochimica Acta</i> , 2003, 48, 3593-3598.	2.6	4
105	Theoretical and Electrochemical Study of the Quinone $\hat{\pm}$ Benzoic Acid Adduct Linked by Hydrogen Bonds. <i>Journal of Physical Chemistry A</i> , 2003, 107, 11161-11168.	1.1	29
106	Stability Study of Iron Sulfide Films, Electrochemically Grown on Carbon Steel, in Different Electrolytic Media. <i>Corrosion</i> , 2002, 58, 659-669.	0.5	9
107	Relationship between Molecular Structure and Electron Targets in the Electroreduction of Benzocarbazolidiones and Anilinenaphthoquinones. Experimental and Theoretical Study. <i>Journal of Organic Chemistry</i> , 2002, 67, 3673-3681.	1.7	37
108	The role of different surface damages in corrosion process in alkaline sour media. <i>Corrosion Science</i> , 2002, 44, 1515-1528.	3.0	30

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109	A comparative study of electrochemical behavior of chalcopyrite, chalcocite and bornite in sulfuric acid solution. <i>International Journal of Mineral Processing</i> , 2002, 67, 17-28.	2.6	133
110	Electrochemical deposition of silver and gold from cyanide leaching solutions. <i>Hydrometallurgy</i> , 2002, 65, 187-203.	1.8	35
111	Electrochemical study of carbon steel corrosion in buffered acetic acid solutions with chlorides and H <sub>2</sub> S. <i>Electrochimica Acta</i> , 2002, 48, 135-144.	2.6	172
112	Evolution of non-stoichiometric iron sulfide film formed by electrochemical oxidation of carbon steel in alkaline sour environment. <i>Electrochimica Acta</i> , 2002, 47, 1197-1208.	2.6	45
113	Electrochemical study on carbon steel corrosion process in alkaline sour media. <i>Electrochimica Acta</i> , 2002, 47, 2149-2158.	2.6	46
114	Electrochemical recovery of silver from cyanide leaching solutions. <i>Journal of Applied Electrochemistry</i> , 2002, 32, 473-479.	1.5	26
115	Title is missing!. <i>Journal of Applied Electrochemistry</i> , 2002, 32, 905-913.	1.5	11
116	An integrated approach to evaluate the leaching behaviour of silver from sulfide concentrates. <i>Journal of Applied Electrochemistry</i> , 2002, 32, 1157-1165.	1.5	6
117	Effect of sulfide impurities on the reactivity of pyrite and pyritic concentrates: a multi-tool approach. <i>Applied Geochemistry</i> , 2001, 16, 803-819.	1.4	77
118	Cyclic voltammetry applied to evaluate reactivity in sulfide mining residues. <i>Applied Geochemistry</i> , 2001, 16, 1631-1640.	1.4	43
119	Electrochemical characterization of the different surface states formed in the corrosion of carbon steel in alkaline sour medium. <i>Corrosion Science</i> , 2001, 43, 2305-2324.	3.0	26
120	Molecular Structure of Substituted Phenylamine $\hat{\pm}$ -OMe- and $\hat{\pm}$ -OH-p-Benzoquinone Derivatives. Synthesis and Correlation of Spectroscopic, Electrochemical, and Theoretical Parameters. <i>Journal of Organic Chemistry</i> , 2001, 66, 8349-8363.	1.7	58
121	Silver Electrocrystallization onto Carbon Electrodes with Different Surface Morphology: Active Sites vs Surface Features. <i>Journal of Physical Chemistry B</i> , 2001, 105, 4214-4223.	1.2	38
122	Electrochemical behavior of carbon steel in alkaline sour environments measured by electrochemical impedance spectroscopy. <i>Electrochimica Acta</i> , 2000, 46, 487-497.	2.6	50
123	Lead deposition onto fractured vitreous carbon: influence of electrochemical pretreated electrode. <i>Applied Surface Science</i> , 2000, 153, 245-258.	3.1	12
124	New Insights into Evaluation of Kinetic Parameters for Potentiostatic Metal Deposition with Underpotential and Overpotential Deposition Processes. <i>Journal of Physical Chemistry B</i> , 2000, 104, 3545-3555.	1.2	78
125	On the Theory of the Potentiostatic Current Transient for Diffusion-Controlled Three-Dimensional Electrocrystallization Processes. <i>Journal of the Electrochemical Society</i> , 1999, 146, 1005-1012.	1.3	115
126	Identification of different silver nucleation processes on vitreous carbon surfaces from an ammonia electrolytic bath. <i>Journal of Electroanalytical Chemistry</i> , 1998, 443, 81-93.	1.9	53



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127	Electrochemical Study of Orpiment $\text{As}_2\text{S}_3$ and Realgar $\text{As}_2\text{S}_2$ in Acidic Media. <i>Journal of Electrochemical Society</i> , 1997, 144, 4128-4132.	1.3	20
128	Electrochemical oxidation of arsenopyrite in acidic media. <i>International Journal of Mineral Processing</i> , 1997, 50, 63-75.	2.6	38
129	Surface characterization of arsenopyrite in acidic medium by triangular scan voltammetry on carbon paste electrodes. <i>Hydrometallurgy</i> , 1997, 46, 303-319.	1.8	36
130	Control of the electrochemical reduction of o-nitrophenol by pH imposition in acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 1997, 429, 121-127.	1.9	18
131	The role of pH and Cu(II) concentration in the electrodeposition of Cu(II) in $\text{NH}_4\text{Cl}$ solutions. <i>Journal of Electroanalytical Chemistry</i> , 1996, 401, 171-182.	1.9	54
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137	Effects of Intra-Structural Interactions of Indium Hexacyanoferrate on the $\text{Li}^+$ and $\text{K}^+$ Intercalation Potential. <i>Journal of the Electrochemical Society</i> , 0, , .	1.3	1