

Documents

Carrera-Crespo, J.E., Acevedo-Peña, P., Miranda-Hernández, M., González, I.
ElectrocrySTALLIZATION OF CADMIUM ON ANODICALLY FORMED TITANIUM OXIDE
(2012) *Journal of Solid State Electrochemistry*, pp. 1-13. Article in Press.

Document Type: Article in Press

Source: Scopus

Acevedo-Peña, P., González, I.
TiO₂ photoanodes prepared by cathodic electrophoretic deposition in 2-propanol: effect of the electric field and deposition time
(2012) *Journal of Solid State Electrochemistry*, pp. 1-8. Article in Press.

Document Type: Article in Press

Source: Scopus

Rivero, E.P., Rivera, F.F., Cruz-Díaz, M.R., Mayen, E., González, I.
Numerical simulation of mass transport in a filter press type electrochemical reactor FM01-LC: Comparison of predicted and experimental mass transfer coefficient
(2012) *Chemical Engineering Research and Design*, 90 (11), pp. 1969-1978.

Document Type: Article

Source: Scopus

Galano, A., Gómez, M., González, F.J., González, I.
Correlation between hydrogen bonding association constants in solution with quantum chemistry indexes: The case of successive association between reduced species of quinones and methanol
(2012) *Journal of Physical Chemistry A*, 116 (43), pp. 10638-10645.

Document Type: Article

Source: Scopus

Poisot Díaz, M.E., Alonso, A.R., González, I., Lapidus, G.T.
Influence of oxygen reduction and hydrogen evolution in the gold and silver direct electrodeposition process from thiourea solutions in a filter press type reactor
(2012) *Hydrometallurgy*, 129-130, pp. 90-96.

Document Type: Article

Source: Scopus

García-Meza, J.V., Fernández, J.J., Lara, R.H., González, I.
Changes in biofilm structure during the colonization of chalcopyrite by Acidithiobacillus thiooxidans
(2012) *Applied Microbiology and Biotechnology*, pp. 1-11. Article in Press.

Document Type: Article in Press

Source: Scopus

Almazán-Ruiz, F.J., Caballero, F.V., Cruz-Díaz, M.R., Rivero, E.P., González, I.

Scale-up of rotating cylinder electrode electrochemical reactor for Cu(II) recovery: Experimental and simulation study in turbulence regimen(2012) *Electrochimica Acta*, 77, pp. 262-271.**Document Type:** Article**Source:** Scopus

Sampieri, A., Vázquez-Arenas, J., González, I., Fetter, G., Pfeiffer, H., Villafuerte, M.-E., Bosch, P.

Electrochemical behavior of (Zn, Mn)-Al nitrated hydrotalcites(2012) *Journal of New Materials for Electrochemical Systems*, 15 (4), pp. 301-306.**Document Type:** Article**Source:** Scopus

Acevedo-Peña, P., González, I.

Modification of growth parameters of Ti anodic films by fluoride ion insertion(2012) *Journal of Solid State Electrochemistry*, 16 (8), pp. 2709-2715.**Document Type:** Article**Source:** Scopus

Rodríguez-Fernández, T., Ugalde-Saldívar, V.M., González, I., Escobar, L.I., García-Valdés, J.

Electrochemical strategy to scout 1,4-naphthoquinones effect on voltage gated potassium channels(2012) *Bioelectrochemistry*, 86, pp. 1-8.**Document Type:** Article**Source:** Scopus

Lara, R.H., García-Meza, J.V., Cruz, R., Valdez-Pérez, D., González, I.

Influence of the sulfur species reactivity on biofilm conformation during pyrite colonization by Acidithiobacillus thiooxidans(2012) *Applied Microbiology and Biotechnology*, 95 (3), pp. 799-809.**Document Type:** Article**Source:** Scopus

Gozali, A.E., Britt, B., Shane, L., Gonzalez, I., Gilles, F., Mccomb, J.G., Krieger, M.D., Lavey, R.S., Shlien, A., Villalblanca, J.G., Erdreich-Epstein, A., Dhall, G., Jubran, R., Tabori, U., Malkin, D., Finlay, J.L.

Choroid plexus tumors; management, outcome, and association with the Li-Fraumeni syndrome: The Children's Hospital Los Angeles (CHLA) experience, 1991-2010(2012) *Pediatric Blood and Cancer*, 58 (6), pp. 905-909. Cited 1 time.**Document Type:** Article**Source:** Scopus

Lara, R.H., García-Meza, J.V., González, I., Cruz, R.

Influence of the surface speciation on biofilm attachment to chalcopyrite by Acidithiobacillus thiooxidans(2012) *Applied Microbiology and Biotechnology*, pp. 1-14. Article in Press.**Document Type:** Article in Press**Source:** Scopus

López-Peña, H.A., Hernández-Munñoz, L.S., Frontana-Uribe, B.A., González, F.J., González, I., Frontana, C., Cardoso, J.

Tacticity influence on the electrochemical reactivity of group transfer polymerization-synthesized PTMA(2012) *Journal of Physical Chemistry B*, 116 (18), pp. 5542-5550.**Document Type:** Article

Source: Scopus

Cruz-Díaz, M., Rivera, F.F., Rivero, E.P., González, I.

The FM01-LC reactor modeling using axial dispersion model with a reaction term coupled with a continuous stirred tank (CST)

(2012) *Electrochimica Acta*, 63, pp. 47-54. Cited 1 time.

Document Type: Article

Source: Scopus

Acevedo-Peña, P., González, I., Vázquez, G., Manríquez, J.

Surface states generation during cathodic electrophoretic deposition of TiO₂/ITO films [Generación de estados superficiales durante la formación electroforética catódica de películas de TiO₂ sobre ITO]

(2011) *Química Nova*, 34 (3), pp. 390-396. Cited 1 time.

Document Type: Article

Source: Scopus

Sastre-Garriga, J., Alonso, J., Renom, M., Arévalo, M.J., González, I., Galán, I., Montalban, X., Rovira, A.

A functional magnetic resonance proof of concept pilot trial of cognitive rehabilitation in multiple sclerosis

(2011) *Multiple Sclerosis*, 17 (4), pp. 457-467. Cited 6 times.

Document Type: Article

Source: Scopus

Flores-Álvarez, J.M., González, I., García-de la Rosa, L.A., Mancilla-Peña, F., Reyes-Gómez, J.

Carbon paste electrodes modified with biosolids, soils and biocomposites utilized to study the interaction between organic matter and copper

(2011) *Journal of Environmental Management*, 92 (3), pp. 448-456. Cited 1 time.

Document Type: Article

Source: Scopus

Velasco-Alvarez, N., González, I., Damian-Matsumura, P., Gutiérrez-Rojas, M.

Enhanced hexadecane degradation and low biomass production by *Aspergillus niger* exposed to an electric current in a model system

(2011) *Bioresource Technology*, 102 (2), pp. 1509-1515. Cited 3 times.

Document Type: Article

Source: Scopus

Darban, A.K., Aazami, M., Meléndez, A.M., Abdollahy, M., Gonzalez, I.

Electrochemical study of orpiment (As 2S 3) dissolution in a NaOH solution

(2011) *Hydrometallurgy*, 105 (3-4), pp. 296-303. Cited 2 times.

Document Type: Article

Source: Scopus

Meléndez, A.M., Hernández-Gómez, A., Lara, C., González, I.

Electrochemical determination of minor elements in zinc flotation concentrates

(2010) *ECS Transactions*, 28 (6), pp. 259-265. Cited 1 time.

Document Type: Conference Paper

Source: Scopus

Meléndez, A.M., González, I., Arroyo, R.

An approach to the reactivity of isomorphous proustite (Ag₃AsS₃) and pyrargyrite (Ag₃SbS₃) in cyanide solutions
(2010) *ECS Transactions*, 28 (6), pp. 191-199. Cited 1 time.

Document Type: Conference Paper
Source: Scopus

Vázquez, A.I., Gerónimo, C., González, I., Cruz, R., Lázaro, M.I., Rodríguez, I.

Aspects that modify the dissolution of aluminum electrodes in an effluent from the tissue paper industry
(2010) *ECS Transactions*, 29 (1), pp. 81-91. Cited 1 time.

Document Type: Conference Paper
Source: Scopus

Acevedo-Peña, P., Manríquez, J., González, I.

Role of the Solvent Employed for the cathodic-Electrophoretic Deposition (EPD) of ITO/TiO₂ films, over its morphology, electronic properties and photoelectrochemical behavior
(2010) *ECS Transactions*, 29 (1), pp. 183-192.

Document Type: Conference Paper
Source: Scopus

Rivero, E.P., Mayen, E., Rivera, F.F., Cruz-Díaz, M., González, I.

Mass transfer modeling and simulation under turbulent flow in filter-press-type FM01-LC electrochemical reactor
(2010) *ECS Transactions*, 29 (1), pp. 205-214. Cited 1 time.

Document Type: Conference Paper
Source: Scopus

Valle-Bourrouet, G., Ugalde-Saldívar, V.M., Gómez, M., Ortiz-Frade, L.A., González, I., Frontana, C.

Magnetic interactions as a stabilizing factor of semiquinone species of lawsone by metal complexation
(2010) *Electrochimica Acta*, 55 (28), pp. 9042-9050. Cited 3 times.

Document Type: Article
Source: Scopus

Hernández-Muñoz, L.S., González, F.J., González, I., Goulart, M.O.F., Abreu, F.C.D., Ribeiro, A.S., Ribeiro, R.T., Longo, R.L., Navarro, M., Frontana, C.

Revisiting the electrochemical formation, stability and structure of radical and biradical anionic structures in dinitrobenzenes

(2010) *Electrochimica Acta*, 55 (27), pp. 8325-8335. Cited 2 times.

Document Type: Conference Paper
Source: Scopus

Acevedo-Peña, P., Vázquez, G., Laverde, D., Pedraza-Rosas, J.E., González, I.

Semiconductor properties of Ti anodic films: Influence of structural transformations [Propiedades semiconductoras de películas anódicas de Ti: Influencia de las transformaciones estructurales]

(2010) *Revista Latinoamericana de Metalurgia y Materiales*, 30 (2), pp. 201-209.

Document Type: Article
Source: Scopus

Rivera, F.F., Cruz-Díaz, M.R., Rivero, E.P., González, I.

Analysis and interpretation of residence time distribution experimental curves in FM01-LC reactor using axial dispersion and plug dispersion exchange models with closed-closed boundary conditions
(2010) *Electrochimica Acta*, 56 (1), pp. 361-371. Cited 5 times.

Document Type: Article**Source:** Scopus

Palma-Goyes, R.E., Guzmán-Duque, F.L., Peñuela, G., González, I., Nava, J.L., Torres-Palma, R.A.

Electrochemical degradation of crystal violet with BDD electrodes: Effect of electrochemical parameters and identification of organic by-products(2010) *Chemosphere*, 81 (1), pp. 26-32. Cited 9 times.**Document Type:** Article**Source:** Scopus

Meléndez, A.M., Arroyo, R., González, I.

On the reactivity of sulfosalts in cyanide aqueous media: Structural, bonding and electronic aspects(2010) *ChemPhysChem*, 11 (13), pp. 2879-2886. Cited 2 times.**Document Type:** Article**Source:** Scopus

Cardoso, J., Soria-Arteche, O., Vázquez, G., Solorza, O., González, I.

Synthesis and characterization of zwitterionic polymers with a flexible lateral chain(2010) *Journal of Physical Chemistry C*, 114 (33), pp. 14261-14268. Cited 4 times.**Document Type:** Article**Source:** Scopus

Valenzuela, E., Sebastian, P.J., Gamboa, S.A., Joseph, S., Pal, U., Gonzalez, I.

Characterization of self-assembled electrodes based on Au-Pt nanoparticles for PEMFC application(2010) *Journal of New Materials for Electrochemical Systems*, 13 (1), pp. 47-55.**Document Type:** Article**Source:** Scopus

Khatua, S., Dhall, G., O'Neil, S., Jubran, R., Villablanca, J.G., Marachelian, A., Nastia, A., Lavey, R., Olch, A.J., Gonzalez, I., Gilles, F., Nelson, M., Panigrahy, A., McComb, G., Krieger, M., Fan, J., Spoto, R., Finlay, J.L.

Treatment of primary CNS germinomatous germ cell tumors with chemotherapy prior to reduced dose whole ventricular and local boost irradiation(2010) *Pediatric Blood and Cancer*, 55 (1), pp. 42-46. Cited 8 times.**Document Type:** Article**Source:** Scopus

Sumbarda-Ramos, E.G., Guerrero-Gutierrez, O.X., Murillo-Rivera, B., González, I., Oropeza-Guzman, M.T.

Electrokinetic treatment for clayed and sandy soils(2010) *Journal of Applied Electrochemistry*, 40 (6), pp. 1255-1261.**Document Type:** Conference Paper**Source:** Scopus

Murillo-Rivera, B., González, I., Oropeza-Guzman, M.T., Escobar-Guerrero, V., Sumbarda-Ramos, E.G., Teutli-León, M.M.M.

Evaluation of lead removal from sandy soils using different electrolytes in electrokinetic experiments: Prospective for remediation of a real site contaminated with mining wastes(2010) *Journal of Applied Electrochemistry*, 40 (6), pp. 1145-1152. Cited 1 time.**Document Type:** Conference Paper**Source:** Scopus

Rivero, E.P., Granados, P., Rivera, F.F., Cruz, M., González, I.
Mass transfer modeling and simulation at a rotating cylinder electrode (RCE) reactor under turbulent flow for copper recovery
(2010) *Chemical Engineering Science*, 65 (10), pp. 3042-3049. Cited 4 times.

Document Type: Article
Source: Scopus

Acevedo-Peña, P., Vázquez, G., Laverde, D., Pedraza-Rosas, J.E., González, I.
Influence of structural transformations over the electrochemical behavior of Ti anodic films grown in 0.1 M NaOH
(2010) *Journal of Solid State Electrochemistry*, 14 (5), pp. 757-767. Cited 3 times.

Document Type: Article
Source: Scopus

Tabori, U., Shlien, A., Baskin, B., Levitt, S., Ray, P., Alon, N., Hawkins, C., Bouffet, E., Pienkowska, M., Lafay-Cousin, L., Gozali, A., Zhukova, N., Shane, L., Gonzalez, I., Finlay, J., Malkin, D.
TP53 alterations determine clinical subgroups and survival of patients with choroid plexus tumors
(2010) *Journal of Clinical Oncology*, 28 (12), pp. 1995-2001. Cited 15 times.

Document Type: Article
Source: Scopus

Vázquez-Mayagoitia, A., Garza, J., Vargas, R., Frontana, C., Gómez, M., González, I., Gázquez, J.L.
Simple charge transfer model for one electron oxidation and reduction processes: Describing reactive sites in benzocarbazoles and gallates
(2010) *Journal of Molecular Structure: THEOCHEM*, 943 (1-3), pp. 59-64.

Document Type: Article
Source: Scopus

Serowka, K., Chiu, Y., Gonzalez, I., Gilles, F., McComb, G., Krieger, M., Dhall, G., Britt, B., Ji, L., Spoto, R., Finlay, J.L.
Central nervous system (CNS) tumors in the first six months of life: The childrens hospital Los Angeles experience, 1979-2005
(2010) *Pediatric Hematology and Oncology*, 27 (2), pp. 90-102. Cited 7 times.

Document Type: Article
Source: Scopus

Ortiz-Frade, L., Manríquez, J., González, I., Ruiz-Azura, L., Moreno-Esparza, R.
Chronoamperometric study and X-ray analysis of Ru(II)-pdto (1,8-bis-(2-pyridyl)-3,6-dithiaoctane) complexes with substituted 1,10-phenanthrolines
(2010) *Polyhedron*, 29 (1), pp. 328-332. Cited 1 time.

Document Type: Article
Source: Scopus

Cabrera-Sierra, R., Hallen, J.M., Vazquez-Arenas, J., Vázquez, G., González, I.
EIS characterization of tantalum and niobium oxide films based on a modification of the point defect model
(2010) *Journal of Electroanalytical Chemistry*, 638 (1), pp. 51-58. Cited 2 times.

Document Type: Article
Source: Scopus

Solís-Oba, M., Eloy-Juárez, M., Teutli, M., Nava, J.L., González, I.
Comparison of advanced techniques for the treatment of an indigo model solution: Electro incineration, chemical coagulation and enzymatic [Comparación de técnicas avanzadas para el tratamiento de una solución modelo de

índigo: Electro incineración, coagulación química y enzimático](2009) *Revista Mexicana de Ingenieria Química*, 8 (3), pp. 275-282. Cited 2 times.**Document Type:** Article**Source:** Scopus

Granados, P., Rivera, F.F., Gonzalez, I., Rivero, E.P.

Modeling and simulation of a rotating cylinder electrode reactor for metal recovering(2009) *ECS Transactions*, 20 (1), pp. 73-81. Cited 1 time.**Document Type:** Conference Paper**Source:** Scopus

Tesillo, M., Bravo, S., Rivera, F.F., Rivera, E.P., González, I.

Nickel removal from rinse waters generated by electroplating industry using a rotating cylinder electrode (RCE) reactor(2009) *ECS Transactions*, 20 (1), pp. 313-325.**Document Type:** Conference Paper**Source:** Scopus

Acevedo-Peña, P., Vázquez, G., Laverde, D., Pedraza-Rosas, J.E., Manríquez, J., González, I.

Electrochemical characterization of TiO₂ films formed by cathodic EPD in aqueous media(2009) *Journal of the Electrochemical Society*, 156 (11), pp. C377-C386. Cited 5 times.**Document Type:** Article**Source:** Scopus

Cardoso, J., Vázquez, G., Soria-Arteche, O., Cruz, R., González, I.

Ionic conductivity of polymer electrolytes(2009) *Macromolecular Symposia*, 283-284 (1), pp. 205-210.**Document Type:** Article**Source:** Scopus

Reándiz, A., Nava, J.L., Lartundo-Rojas, L., Almaguer, I., González, I.

Characterization of the Corrosion Layers Electrochemically Formed on the Lead-Silver/H₂SO₄+Mn (II) Interface(2009) *Journal of the Electrochemical Society*, 156 (8), pp. C231-C239.**Document Type:** Article**Source:** Scopus

Sastre-Garriga, J., Arévalo, M.J., Renom, M., Alonso, J., González, I., Galán, I., Montalban, X., Rovira, A.

Brain volumetry counterparts of cognitive impairment in patients with multiple sclerosis(2009) *Journal of the Neurological Sciences*, 282 (1-2), pp. 120-124. Cited 7 times.**Document Type:** Article**Source:** Scopus

Perez, M.J., Gonzalez, I., Saiz, J.M., Moreno, F., Gonzalez, F.

Saturation processes of photoluminescent pigments embedded in sinterized glass(2009) *Journal of Modern Optics*, 56 (13), pp. 1466-1474. Cited 1 time.**Document Type:** Article**Source:** Scopus

López-Peña, H.A., Hernández-Muñoz, L.S., Cardoso, J., González, F.J., González, I., Frontana, C.
Electrochemical and spectroelectrochemical properties of nitroxyl radical species in PTMA, an organic radical polymer. Influence of the microstructure
(2009) *Electrochemistry Communications*, 11 (7), pp. 1369-1372. Cited 7 times.

Document Type: Article
Source: Scopus

Rodríguez-Torres, D., García-Ramos, J.C., Manríquez, J., Moreno-Esparza, R., Lozano, M.A., González, I., Gracia-Mora, I., Ruiz-Azúara, L., Lopez, R.A., Ortiz-Frade, L.

Biological study and electrochemical characterization of Cu(II) and 1,8-bis-(2-pyridyl)-3,6-dithiaoctane (pdto) complex
(2009) *Polyhedron*, 28 (6), pp. 1186-1190.

Document Type: Article
Source: Scopus

Hernández-Muñoz, L.S., Gómez, M., González, F.J., González, I., Frontana, C.

Towards a molecular-level understanding of the reactivity differences for radical anions of juglone and plumbagin: An electrochemical and spectroelectrochemical approach

(2009) *Organic and Biomolecular Chemistry*, 7 (9), pp. 1896-1903. Cited 8 times.

Document Type: Article
Source: Scopus

Murillo-Rivera, B., Labastida, I., Barrón, J., Oropeza-Guzman, M.T., González, I., Teutli-Leon, M.M.M.

Influence of anolyte and catholyte composition on TPHs removal from low permeability soil by electrokinetic reclamation

(2009) *Electrochimica Acta*, 54 (7), pp. 2119-2124. Cited 4 times.

Document Type: Article
Source: Scopus

Pérez, M.R., Oropeza, M.T., González, I., Nava, J.L., López, O., Gradilla, I.

Preparation and evaluation of electrocatalysts to generate oxygen bubbles for the electroflotation process
(2008) *ECS Transactions*, 15 (1), pp. 51-59.

Document Type: Conference Paper
Source: Scopus

Frontana, C., González, I., González, F.J.

Electron transfer dynamics through supramolecular associations

(2008) *ECS Transactions*, 13 (24), pp. 37-47.

Document Type: Conference Paper
Source: Scopus

Vázquez, G., Roldán-Fernández, C.M., González, I.

The effect of the anion on copper electrocrystallization. Impedance analysis

(2008) *ECS Transactions*, 15 (1), pp. 171-180.

Document Type: Conference Paper
Source: Scopus

Otto-Duessel, M., Brewer, C., Gonzalez, I., Nick, H., Wood, J.C.

Safety and efficacy of combined chelation therapy with deferasirox and deferoxamine in a gerbil model of iron overload

(2008) *Acta Haematologica*, 120 (2), pp. 123-128. Cited 7 times.

Document Type: Article
Source: Scopus

Nava, J.L., Recéndiz, A., Acosta, J.C., González, I.

Electrochemical incineration of vinasse in filter-press-type FM01-LC reactor using 3D bdd electrode
(2008) *Water Science and Technology*, 58 (12), pp. 2413-2419. Cited 4 times.

Document Type: Article
Source: Scopus

Acevedo-Peña, P., Vázquez, G., Laverde, D., Pedraza-Rosas, J.E., González, I.

Influence of structure transformations over the growth and semiconductor properties of Ti anodic films in 0.1 M NaOH
(2008) *ECS Transactions*, 15 (1), pp. 111-120.

Document Type: Conference Paper
Source: Scopus

Gerónimo, C., Meléndez, A.M., Lara, C., González, I.

Electrochemical methodology based on carbon paste electroactive electrodes for determination of cyanide-leachable silver-bearing minerals in flotation heads
(2008) *ECS Transactions*, 15 (1), pp. 545-553.

Document Type: Conference Paper
Source: Scopus

López, O., González, I., Nava, J.L.

Electrochemical incineration of indigo textile dye in filter-press-type FM01-LC electrochemical cell using mesh-DSA anode
(2008) *ECS Transactions*, 15 (1), pp. 395-402.

Document Type: Conference Paper
Source: Scopus

Recéndiz, A., Nava, J.L., González, I.

Electrochemical characterization of MnO₂ anodically formed during the zinc electrowinning process
(2008) *ECS Transactions*, 15 (1), pp. 79-89. Cited 1 time.

Document Type: Conference Paper
Source: Scopus

Rodríguez-Fernández, T., García-Valdés, J., Ugalde-Saldívar, V., González, I.

Electrochemical study of phenolic and quinoid derivatives with putative activity on ion channels
(2008) *ECS Transactions*, 15 (1), pp. 335-343. Cited 1 time.

Document Type: Conference Paper
Source: Scopus

Fuentes-Aceituno, J.C., Lapidus-Lavine, G.T., González, I.

Electrochemical characterization of the solid products formed in the electro-assisted reduction of chalcopyrite
(2008) *Hydrometallurgy 2008: Proceedings of the 6th International Symposium*, pp. 664-670.

Document Type: Conference Paper
Source: Scopus

Recéndiz, A., González, I., Nava, J.L.

Influence of different additives on current efficiency of Zn(II) electrodeposition on aluminum in sulfuric acid medium
(2008) *Hydrometallurgy 2008: Proceedings of the 6th International Symposium*, pp. 637-643.

Document Type: Conference Paper
Source: Scopus

Lapidus, G.T., González, I., Nava, J.L., Benavides, R., Lara-Valenzuela, C.

Integrated process for precious metal extraction and recovery based on electro-oxidized thiourea
(2008) *Hydrometallurgy 2008: Proceedings of the 6th International Symposium*, pp. 837-842.

Document Type: Conference Paper
Source: Scopus

Poisot, M.E., González, I., Lapidus, G.T.

Effect of copper, iron and zinc ions on the selective electrodeposition of dorée from acidic thiourea solutions
(2008) *Hydrometallurgy 2008: Proceedings of the 6th International Symposium*, pp. 843-848.

Document Type: Conference Paper
Source: Scopus

Meléndez, A.M., Lima, E., González, I.

Influence of the cation Na/Ca/Ag ratio on the ion exchange rate in zeolite a-modified carbon paste electrodes
(2008) *Journal of Physical Chemistry C*, 112 (44), pp. 17206-17213. Cited 4 times.

Document Type: Article
Source: Scopus

Hernández, D.M., De Moura, M.A.B.F., Valencia, D.P., González, F.J., González, I., De Abreu, F.C., Da Silva Júnior, E.N., Ferreira, V.F., Pinto, A.V., Goulart, M.O.F., Frontana, C.

Inner reorganization during the radical-biradical transition in a nor- β -lapachone derivative possessing two redox centers

(2008) *Organic and Biomolecular Chemistry*, 6 (18), pp. 3414-3420. Cited 7 times.

Document Type: Article
Source: Scopus

Rivera, F.F., González, I., Nava, J.L.

Copper removal from an effluent generated by a plastics chromium-plating industry using a rotating cylinder electrode (RCE) reactor

(2008) *Environmental Technology*, 29 (8), pp. 817-825. Cited 13 times.

Document Type: Article
Source: Scopus

Urbano, G., Reyes, V.E., Veloz, M.A., González, I., Cruz, J.

Pyrite-arsenopyrite galvanic interaction and electrochemical reactivity

(2008) *Journal of Physical Chemistry C*, 112 (28), pp. 10453-10461. Cited 1 time.

Document Type: Article
Source: Scopus

Pandian, T., Guadalupe, H.J., Cruz, J., Bernès, S., Ugalde-Saldivar, V.M., González, I.

DFT and experimental studies of perchlorate ion coordination in cis/trans-copper(II) complexes of tetradeятate pyridyl ligands

(2008) *European Journal of Inorganic Chemistry*, (21), pp. 3274-3285. Cited 4 times.

Document Type: Article

Source: Scopus

Poisot-Díaz, M.E., González, I., Lapidus, G.T.

Electrodeposition of a Silver-Gold Alloy (DORÉ) from Thiourea Solutions in the Presence of Other Metallic Ion Impurities

(2008) *Hydrometallurgy*, 93 (1-2), pp. 23-29. Cited 3 times.

Document Type: Article

Source: Scopus

Alonso, A.R., Lapidus, G.T., González, I.

Selective silver electroseparation from ammoniacal thiosulfate leaching solutions using a rotating cylinder electrode reactor (RCE)

(2008) *Hydrometallurgy*, 92 (3-4), pp. 115-123. Cited 3 times.

Document Type: Article

Source: Scopus

Nava, D., González, I., Leinen, D., Ramos-Barrado, J.R.

Surface characterization by X-ray photoelectron spectroscopy and cyclic voltammetry of products formed during the potentiostatic reduction of chalcopyrite

(2008) *Electrochimica Acta*, 53 (14), pp. 4889-4899. Cited 16 times.

Document Type: Article

Source: Scopus

Gasque, L., Ugalde-Saldívar, V.M., Membrillo, I., Olguín, J., Mijangos, E., Bernès, S., González, I.

A dicopper complex with distant metal centers. Structure, magnetic properties, electrochemistry and catecholase activity

(2008) *Journal of Inorganic Biochemistry*, 102 (5-6), pp. 1227-1235. Cited 10 times.

Document Type: Article

Source: Scopus

Hunter, C.J., Connelly, M.E., Ghaffari, N., Anselmo, D., Gonzalez, I., Shin, C.

Enteric duplication cysts of the pancreas: A report of two cases and review of the literature

(2008) *Pediatric Surgery International*, 24 (2), pp. 227-233. Cited 5 times.

Document Type: Article

Source: Scopus

Frontana, C., González, I.

Revisiting the effects of the molecular structure in the kinetics of electron transfer of quinones: Kinetic differences in structural isomers

(2008) *Journal of the Mexican Chemical Society*, 52 (1), pp. 11-18.

Document Type: Article

Source: Scopus

Sánchez-Urbán, D.G., Díaz De León-Luna, P., Bautista-Martínez, J.A., Frontana, C., González, I., Aguilar-Martínez, M.

Interaction of antiprotozoal drugs with biomolecules. An ESR and UV-vis spectroelectrochemical study

(2007) *ECS Transactions*, 3 (29), pp. 167-174.

Document Type: Conference Paper

Source: Scopus

González, I., Morales, A., González, F., Moya, R., Gómez, M.

Interaction between Fe(II) and 1,4-dihydroxyanthraquinone: An spectroscopic and electrochemical study
(2007) *ECS Transactions*, 3 (29), pp. 83-92.

Document Type: Conference Paper

Source: Scopus

Frontana, C., Valle, G., Ugalde, V.M., González, I.

Metallic interaction effects on the reactivity of Lawsone semiquinones
(2007) *ECS Transactions*, 3 (29), pp. 93-102.

Document Type: Conference Paper

Source: Scopus

Bautista-Martínez, J.A., Frontana, C., Solano-Peralta, A., Reyes-Hernández, C.I., Cuevas, G., González, I., Aguilar-Martínez, M.
Influence of the substituent on the reactivity of anilinoperezones. Analysis of the influence of the C(12)-C(13) double bond

(2007) *ECS Transactions*, 3 (29), pp. 45-54. Cited 2 times.

Document Type: Conference Paper

Source: Scopus

Frontana, C., Gómez, M., González, I.

Intra vs intermolecular association processes in the radical anions of β-hydroxyquinones. the case of Juglone
(2007) *ECS Transactions*, 3 (29), pp. 37-44. Cited 1 time.

Document Type: Conference Paper

Source: Scopus

González, I., Frontana, C., Gómez, M., Aguilar, M., Bautista, J.A., Macías, N.A., Salas, M., Astudillo, P.D., González, F.J.

Modifying the reactivity of reduced intermediates of quinones by structural changes and intra and intermolecular hydrogen bonding

(2007) *ECS Transactions*, 3 (29), pp. 25-36. Cited 1 time.

Document Type: Conference Paper

Source: Scopus

Morales-Morales, J.A., Frontana, C., Solano-Peralta, A., Bautista-Martínez, J.A., Cuevas, G.E., González, I., Aguilar-Martínez, M.

Substituent effects on the stability of radical dianion of 4-R-2-nitrophenols. Electrochemical and ESR study

(2007) *ECS Transactions*, 3 (29), pp. 147-153.

Document Type: Conference Paper

Source: Scopus

Frontana, C., González, I.

Structural factors affecting the reactivity of natural α- hydroxyquinones. An electrochemical and ESR study
(2007) *ECS Transactions*, 3 (29), pp. 13-23. Cited 1 time.

Document Type: Conference Paper

Source: Scopus

Vázquez, G., González, I.

Influence of potentiostatic aging on Nb and W oxides formed in 0.1 M HClO₄
(2007) *Journal of the Electrochemical Society*, 154 (11), pp. C702-C710. Cited 6 times.

Document Type: Article

Source: Scopus

Morales-Morales, J.A., Frontana, C., Aguilar-Martínez, M., Bautista-Martínez, J.A., González, F.J., González, I.
Analysis of the substituent effect on the reactivity modulation during self-protonation processes in 2-nitrophenols
(2007) *Journal of Physical Chemistry A*, 111 (37), pp. 8993-9002. Cited 7 times.

Document Type: Article
Source: Scopus

Cadena, A., Texier, A.-C., González, I., Cervantes, F.J., Gómez, J.
Qualitative and quantitative determination of a humic model compound in microbial cultures by cyclic voltammetry
(2007) *Environmental Technology*, 28 (9), pp. 1035-1044. Cited 2 times.

Document Type: Article
Source: Scopus

Pérez, E.J., Cabrera-Sierra, R., González, I., Ramírez-Vives, F.
Influence of Desulfovibrio sp. biofilm on SAE 1018 carbon steel corrosion in synthetic marine medium
(2007) *Corrosion Science*, 49 (9), pp. 3580-3597. Cited 18 times.

Document Type: Article
Source: Scopus

Marín-Cruz, J., Cabrera-Sierra, R., Pech-Canul, M.A., González, I.
EIS characterization of the evolution of calcium carbonate scaling in cooling systems in presence of inhibitors
(2007) *Journal of Solid State Electrochemistry*, 11 (9), pp. 1245-1252. Cited 5 times.

Document Type: Article
Source: Scopus

Vazquez-Arenas, J., Vázquez, G., Meléndez, A.M., González, I.
The effect of the Cu²⁺/Cu⁺ step on copper electrocrystallization in acid noncomplexing electrolytes
(2007) *Journal of the Electrochemical Society*, 154 (9), pp. D473-D481. Cited 11 times.

Document Type: Article
Source: Scopus

Vázquez, G., González, I.
Diffusivity of anion vacancies in WO₃ passive films
(2007) *Electrochimica Acta*, 52 (24), pp. 6771-6777. Cited 22 times.

Document Type: Article
Source: Scopus

Recéndiz, A., González, I., Nava, J.L.
Current efficiency studies of the zinc electrowinning process on aluminum rotating cylinder electrode (RCE) in sulfuric acid medium: Influence of different additives
(2007) *Electrochimica Acta*, 52 (24), pp. 6880-6887. Cited 20 times.

Document Type: Article
Source: Scopus

Butrón, E., Juárez, M.E., Solis, M., Teutli, M., González, I., Nava, J.L.
Electrochemical incineration of indigo textile dye in filter-press-type FM01-LC electrochemical cell using BDD electrodes
(2007) *Electrochimica Acta*, 52 (24), pp. 6888-6894. Cited 24 times.

Document Type: Article
Source: Scopus

Frontana, C., González, I.

Effects of the molecular structure on the electrochemical properties of naturally occurring α -hydroxyquinones. An electrochemical and ESR study

(2007) *Journal of Electroanalytical Chemistry*, 603 (2), pp. 155-165. Cited 14 times.

Document Type: Article
Source: Scopus

Urbano, G., Meléndez, A.M., Reyes, V.E., Veloz, M.A., González, I.

Galvanic interactions between galena-sphalerite and their reactivity

(2007) *International Journal of Mineral Processing*, 82 (3), pp. 148-155. Cited 11 times.

Document Type: Article
Source: Scopus

Roura-Pérez, G., Quiróz, B., Aguilar-Martínez, M., Frontana, C., Solano, A., González, I., Bautista-Martínez, J.A., Jiménez-Barbero, J., Cuevas, G.

Remote position substituents as modulators of conformational and reactive properties of quinones. Relevance of the π/π intramolecular interaction

(2007) *Journal of Organic Chemistry*, 72 (6), pp. 1883-1894. Cited 9 times.

Document Type: Article
Source: Scopus

Alonso, A.R., Lapidus, G.T., González, I.

A strategy to determine the potential interval for selective silver electrodeposition from ammoniacal thiosulfate solutions

(2007) *Hydrometallurgy*, 85 (2-4), pp. 144-153. Cited 1 time.

Document Type: Article
Source: Scopus

Nava, J.L., Núñez, F., González, I.

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

(2007) *Electrochimica Acta*, 52 (9), pp. 3229-3235. Cited 18 times.

Document Type: Article
Source: Scopus

Wood, J.C., Otto-Duessel, M., Gonzalez, I., Aguilar, M.I., Shimada, H., Nick, H., Nelson, M., Moats, R.

Deferasirox and deferiprone remove cardiac iron in the iron-overloaded gerbil

(2006) *Translational Research*, 148 (5), pp. 272-280. Cited 45 times.

Document Type: Article
Source: Scopus

Reyna-González, J.M., Aguilar-Martínez, M., Bautista-Martínez, J.A., Rivera, E., González, I., Roquero, P.

Influence of the acidity level on the electropolymerization of N-vinylcarbazole: Electrochemical study and characterization of poly(3,6-N-vinylcarbazole)

(2006) *Polymer*, 47 (19), pp. 6664-6672. Cited 6 times.

Document Type: Article
Source: Scopus

Ghugre, N.R., Enriquez, C.M., Gonzalez, I., Nelson Jr., M.D., Coates, T.D., Wood, J.C.
MRI detects myocardial iron in the human heart
(2006) *Magnetic Resonance in Medicine*, 56 (3), pp. 681-686. Cited 45 times.

Document Type: Article
Source: Scopus

Frontana, C., Vázquez-Mayagoitia, Á., Garza, J., Vargas, R., González, I.
Substituent effect on a family of quinones in aprotic solvents: An experimental and theoretical approach
(2006) *Journal of Physical Chemistry A*, 110 (30), pp. 9411-9419. Cited 25 times.

Document Type: Article
Source: Scopus

Nava, D., González, I.
Electrochemical characterization of chemical species formed during the electrochemical treatment of chalcopyrite in sulfuric acid
(2006) *Electrochimica Acta*, 51 (25), pp. 5295-5303. Cited 26 times.

Document Type: Article
Source: Scopus

Galicia, P., Batina, N., González, I.
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
(2006) *Journal of Physical Chemistry B*, 110 (29), pp. 14398-14405. Cited 9 times.

Document Type: Article
Source: Scopus

Luna-Sánchez, R.M., González, I.
Electrochemical behavior of the oxidation and reduction processes for pyrargyrite (Ag_3SbS_3) in acidic media
(2006) *ECS Transactions*, 2 (3), pp. 155-162.

Document Type: Conference Paper
Source: Scopus

Nava, J.L., Nava, D., González, I.
Electrochemical study of a flotation zinc concentrate in sulfuric acid: Galvanic interactions affecting the rate of dissolution of sphalerite
(2006) *ECS Transactions*, 2 (3), pp. 143-153.

Document Type: Conference Paper
Source: Scopus

Nava, D., González, I.
The influence of galena galvanic interaction on the reactivity of chalcopyrite flotation concentrate
(2006) *ECS Transactions*, 2 (3), pp. 255-264. Cited 2 times.

Document Type: Conference Paper
Source: Scopus

Cruz, R., Monroy, M., González, I.
Evaluation of the reactivity of iron sulfides and mining wastes: Methodology based on cyclic voltammetry [Evaluación de la reactividad de sulfuros de hierro y residuos mineros: Una metodología basada en la aplicación de la

voltamperometría cíclica](2006) *Quimica Nova*, 29 (3), pp. 510-519. Cited 1 time.**Document Type:** Review**Source:** Scopus

Hoh, D., Berry, C., Gonzalez, I., McComb, J.G.

A case of rudimentary lateral parietal cephalocele: Extracranial meningotheelial and glial tissue without intracranial communication or bony defect(2006) *Pediatric Neurosurgery*, 42 (4), pp. 264-267.**Document Type:** Article**Source:** Scopus

Cabrera-Sierra, R., Batina, N., González, I.

Oxidation of 1018 carbon steel in borate medium by in situ EC-STM: Surface morphology of the oxidized ferrite and pearlite phases(2006) *Materials Chemistry and Physics*, 96 (2-3), pp. 343-348. Cited 3 times.**Document Type:** Article**Source:** Scopus

Cabrera-Sierra, R., Pech-Canul, M.A., González, I.

The role of hydroxide in the electrochemical impedance response of passive films in corrosion environments(2006) *Journal of the Electrochemical Society*, 153 (3), pp. B101-B107. Cited 11 times.**Document Type:** Article**Source:** Scopus

Wang, X., Ge, S., Gonzalez, I., McNamara, G., Rountree, C.B., Xi, K.K., Huang, G., Bhushan, A., Crooks, G.M.

Formation of pancreatic duct epithelium from bone marrow during neonatal development(2006) *Stem Cells*, 24 (2), pp. 307-314. Cited 24 times.**Document Type:** Article**Source:** Scopus

Cabrera-Sierra, R., Sosa, E., Pech-Canul, M.A., González, I.

The impedance characteristics of protective corrosion films on carbon steel in an alkaline sour medium(2006) *Electrochimica Acta*, 51 (8-9), pp. 1534-1540. Cited 5 times.**Document Type:** Conference Paper**Source:** Scopus

Marín-Cruz, J., Cabrera-Sierra, R., Pech-Canul, M.A., González, I.

EIS study on corrosion and scale processes and their inhibition in cooling system media(2006) *Electrochimica Acta*, 51 (8-9), pp. 1847-1854. Cited 25 times.**Document Type:** Conference Paper**Source:** Scopus

Cabrera-Sierra, R., Batina, N., González, I.

Electrochemical characterization of pearlite phase oxidation of 1018 carbon steel in a borate medium using ECSTM technique(2005) *Journal of the Electrochemical Society*, 152 (12), pp. B534-B539. Cited 1 time.**Document Type:** Article**Source:** Scopus

Nava, J.L., González, I.

The role of the carbon paste electrodes in the electrochemical study of metallic minerals [Los electrodos de pasta de carbono en el estudio electroquímico de minerales metálicos]

(2005) *Quimica Nova*, 28 (5), pp. 901-909. Cited 3 times.

Document Type: Review

Source: Scopus

Galicia, P., González, I.

Modification of 1018 carbon steel corrosion process in alkaline sour medium with a formulation of chemical corrosion inhibitors

(2005) *Electrochimica Acta*, 50 (22), pp. 4451-4460. Cited 12 times.

Document Type: Article

Source: Scopus

Cruz, R., Lázaro, I., González, I., Monroy, M.

Acid dissolution influences bacterial attachment and oxidation of arsenopyrite

(2005) *Minerals Engineering*, 18 (10), pp. 1024-1031. Cited 16 times.

Document Type: Article

Source: Scopus

Miranda-Hernández, M., Rincón, M.E., González, I.

Characterization of carbon-fullerene-silicone oil composite paste electrodes

(2005) *Carbon*, 43 (9), pp. 1961-1967. Cited 5 times.

Document Type: Article

Source: Scopus

Reyes-Cruz, V., González, I., Oropeza, M.T.

Voltammetric evaluation of the electrode material on the oxidation of cyanide catalyzed by copper ions

(2005) *Journal of Solid State Electrochemistry*, 9 (8), pp. 566-573. Cited 4 times.

Document Type: Article

Source: Scopus

Cruz, R., Luna-Sánchez, R.M., Lapidus, G.T., González, I., Monroy, M.

An experimental strategy to determine galvanic interactions affecting the reactivity of sulfide mineral concentrates

(2005) *Hydrometallurgy*, 78 (3-4), pp. 198-208. Cited 26 times.

Document Type: Article

Source: Scopus

Teutli-León, M.M., Oropeza, M.T., González, I., Soria, A.

Mathematical modeling of a galvanostatic soil electroremediation process

(2005) *AIChE Journal*, 51 (6), pp. 1822-1833. Cited 3 times.

Document Type: Article

Source: Scopus

Sosa, A.M., Ugalde-Saldívar, V.M., González, I., Gasque, L.

Electrochemical studies of a dinuclear copper complex with imidazole derivative ligand H 3bphenim

(2005) *Journal of Electroanalytical Chemistry*, 579 (1), pp. 103-111. Cited 10 times.

Document Type: Article**Source:** Scopus

Solís-Oba, M., Ugalde-Saldívar, V.M., González, I., Viniegra-González, G.

An electrochemical-spectrophotometrical study of the oxidized forms of the mediator 2,2'-azino-bis-(3-ethylbenzothiazoline-6-sulfonic acid) produced by immobilized laccase(2005) *Journal of Electroanalytical Chemistry*, 579 (1), pp. 59-66. Cited 20 times.**Document Type:** Article**Source:** Scopus

Frontana, C., González, I.

The role of intramolecular hydrogen bonding in the electrochemical behavior of hydroxy-quinones and in semiquinone stability(2005) *Journal of the Brazilian Chemical Society*, 16 (3 A), pp. 299-307. Cited 8 times.**Document Type:** Article**Source:** Scopus

Gómez, M., González, F.J., González, I.

Intra and intermolecular hydrogen bonding effects in the electrochemical reduction of α -phenolic-naphthoquinones(2005) *Journal of Electroanalytical Chemistry*, 578 (2), pp. 193-202. Cited 37 times.**Document Type:** Article**Source:** Scopus

Cruz, R., González, I., Monroy, M.

Electrochemical characterization of pyrrhotite reactivity under simulated weathering conditions(2005) *Applied Geochemistry*, 20 (1), pp. 109-121. Cited 15 times.**Document Type:** Article**Source:** Scopus

Gómez, M., González, I., González, F.J.

Intra and intermolecular hydrogen bonding in α -phenolic- naphthoquinones(2004) *Proceedings - Electrochemical Society*, 10, pp. 185-188. Cited 1 time.**Document Type:** Conference Paper**Source:** Scopus

Aguilar-Martínez, M., Macías-Ruvalcaba, N.A., González, I.

The influence of hydrogen bond strength on the redox properties of different α -NH-Quinones(2004) *Proceedings - Electrochemical Society*, 10, pp. 181-184.**Document Type:** Conference Paper**Source:** Scopus

Bautista-Martínez, J.A., González, I., Aguilar-Martínez, M.

Influence of the acidity level change in aprotic media on the voltammetric behavior of nitrogabacinanamides(2004) *Proceedings - Electrochemical Society*, 10, pp. 165-168.**Document Type:** Conference Paper**Source:** Scopus

Bautista-Martínez, J.A., González, I., Aguilar-Martínez, M.

Correlation of voltammetric behavior of α -hydroxy and α -methoxy quinones with the change of acidity level in

acetonitrile

(2004) *Journal of Electroanalytical Chemistry*, 573 (2), pp. 289-298. Cited 16 times.

Document Type: Article

Source: Scopus

Frontana, C., Frontana-Uribe, B.A., González, I.

Electrochemical and ESR study on the transformation processes of α -hydroxy-quinones

(2004) *Journal of Electroanalytical Chemistry*, 573 (2), pp. 307-314. Cited 13 times.

Document Type: Article

Source: Scopus

Aguilar-Martínez, M., Macías-Ruvalcaba, N.A., Bautista-Martínez, J.A., Gómez, M., González, F.J., González, I.

Review: Hydrogen bond and protonation as modifying factors of the quinone reactivity

(2004) *Current Organic Chemistry*, 8 (17), pp. 1721-1738. Cited 38 times.

Document Type: Review

Source: Scopus

Reyes-Cruz, V., González, I., Oropeza, M.T.

Electro-recovery of gold and silver from a cyanide leaching solution using a three-dimensional reactor

(2004) *Electrochimica Acta*, 49 (25), pp. 4417-4423. Cited 12 times.

Document Type: Article

Source: Scopus

Bautista-Martínez, J.A., González, I., Aguilar-Martínez, M.

Influence of the acidity level change in aprotic media on the voltammetric behavior of nitrogabacinamides

(2004) *Electrochimica Acta*, 49 (20), pp. 3403-3411. Cited 13 times.

Document Type: Article

Source: Scopus

Nava, J.L., Oropeza, M.T., González, I.

Oxidation of mineral species as a function of the anodic potential of zinc concentrate in sulfuric acid

(2004) *Journal of the Electrochemical Society*, 151 (7), pp. B387-B393. Cited 6 times.

Document Type: Article

Source: Scopus

Broumandi, D.D., Hayward, U.M., Benzian, J.M., Gonzalez, I., Nelson, M.D.

Best cases from the AFIP: Hemimegalencephaly

(2004) *Radiographics*, 24 (3), pp. 843-848. Cited 15 times.

Document Type: Article

Source: Scopus

Macías-Ruvalcaba, N.A., González, I., Aguilar-Martínez, M.

Evolution from Hydrogen Bond to Proton Transfer Pathways in the Electroreduction of α -NH-Quinones in Acetonitrile

(2004) *Journal of the Electrochemical Society*, 151 (3), pp. E110-E118. Cited 25 times.

Document Type: Article

Source: Scopus

Miranda-Hernández, M., González, I.

Effect of Potential on the Early Stages of Nucleation and Growth during Silver Electrocatalysis in Ammonium Medium on Vitreous Carbon(2004) *Journal of the Electrochemical Society*, 151 (3), pp. C220-C228. Cited 12 times.**Document Type:** Article**Source:** Scopus

Kim, K.-Y.A., Gonzalez, I., McComb, J.G., Giannotta, S.L., Sandberg, D.I., Gutin, P.H., Rock, J.P., Sutton, L.N.

Unusual Presentations of Cerebral Solitary Fibrous Tumors: Report of Four Cases(2004) *Neurosurgery*, 54 (4), pp. 1004-1009. Cited 53 times.**Document Type:** Article**Source:** Scopus

Marín-Cruz, J., Cabrera-Sierra, R., Pech-Canul, M.A., González, I.

Characterization of different allotropic forms of calcium carbonate scales on carbon steel by electrochemical impedance spectroscopy(2004) *Journal of Applied Electrochemistry*, 34 (3), pp. 337-343. Cited 11 times.**Document Type:** Article**Source:** Scopus

Marín-Cruz, J., García-Figueroa, E., Miranda-Hernández, M., González, I.

Electrochemical treatments for selective growth of different calcium carbonate allotropic forms on carbon steel(2004) *Water Research*, 38 (1), pp. 173-183. Cited 17 times.**Document Type:** Article**Source:** Scopus

Garza, J., Vargas, R., Gómez, M., González, I., González, F.J.

Theoretical and Electrochemical Study of the Quinone-Benzonic Acid Adduct Linked by Hydrogen Bonds(2003) *Journal of Physical Chemistry A*, 107 (50), pp. 11161-11168. Cited 19 times.**Document Type:** Article**Source:** Scopus

Bautista-Martínez, J.A., González, I., Aguilar-Martínez, M.

Influence of acidity level in acetonitrile on Hammett-Zuman type correlations on the reduction of α -hydroxyquinones(2003) *Electrochimica Acta*, 48 (28), pp. 4239-4244. Cited 8 times.**Document Type:** Article**Source:** Scopus

Luna-Sánchez, R.M., González, I., Lapidus, G.T.

Limitations for the use of Evans' diagrams to describe hydrometallurgical redox phenomena(2003) *Proceedings of the TMS Fall Extraction and Processing Conference*, 2, pp. 1141-1150.**Document Type:** Conference Paper**Source:** Scopus

Sosa, E., Cabrera-Sierra, R., Oropeza, M.T., Hernández, F., Casillas, N., Tremont, R., Cabrera, C., González, I.

Chemical characterization of corrosion films electrochemically grown on carbon steel in alkaline sour environment(2003) *Journal of the Electrochemical Society*, 150 (11), pp. B530-B535. Cited 6 times.**Document Type:** Article**Source:** Scopus

Gómez, M., González, F.J., González, I.

Effect of host and guest structures on hydrogen bonding association influence on stoichiometry and equilibrium constants

(2003) *Journal of the Electrochemical Society*, 150 (11), pp. E527-E534. Cited 24 times.

Document Type: Article

Source: Scopus

Frontana, C., Frontana-Uribe, B.A., González, I.

Electrochemical study of 7 α ,12,20-O-trimethyl-conacytione in acetonitrile

(2003) *Electrochimica Acta*, 48 (24), pp. 3593-3598. Cited 4 times.

Document Type: Article

Source: Scopus

Yano, S., Li, L., Le, T.P., Moseley, K., Guedalia, A., Lee, J., Gonzalez, I., Boles, R.G.

Infantile mitochondrial DNA depletion syndrome associated with methylmalonic aciduria and 3-methylcrotonyl-CoA and propionyl-CoA carboxylase deficiencies in two unrelated patients: A new phenotype of mtDNA depletion syndrome

(2003) *Journal of Inherited Metabolic Disease*, 26 (5), pp. 481-488. Cited 12 times.

Document Type: Article

Source: Scopus

Luna-Sánchez, R.M., González, I., Lapidus, G.T.

A comparative study of silver sulfide oxidation in cyanide media. Evans diagrams vs. Leaching studies

(2003) *Journal of the Electrochemical Society*, 150 (8), pp. D155-D161. Cited 4 times.

Document Type: Article

Source: Scopus

Sosa, E., Cabrera-Sierra, R., Oropeza, M.T., Hernández, F., Casillas, N., Tremont, R., Cabrera, C., González, I.

Electrochemically grown passive films on carbon steel (SAE 1018) in alkaline sour medium

(2003) *Electrochimica Acta*, 48 (12), pp. 1665-1674. Cited 25 times.

Document Type: Article

Source: Scopus

Gómez, M., González, F.J., González, I.

A model for characterization of successive hydrogen bonding interactions with electrochemically generated charged species. The quinone electroreduction in the presence of donor protons

(2003) *Electroanalysis*, 15 (7), pp. 635-645. Cited 23 times.

Document Type: Article

Source: Scopus

Sosa, E., Hernández, F., Casillas, N., Cabrera-Sierra, R., Oropeza, T., González, I.

Homogeneity and activity characterization of iron sulfide films after immersion in different electrolytic media

(2003) *Journal of the Electrochemical Society*, 150 (4), pp. E237-E243. Cited 3 times.

Document Type: Article

Source: Scopus

Ortiz-Frade, L.A., Ruiz-Ramírez, L., González, I., Marín-Becerra, A., Alcarazo, M., Alvarado-Rodríguez, J.G., Moreno-Esparza, R.

Synthesis and spectroelectrochemical studies of mixed heteroleptic chelate complexes of ruthenium(II) with 1,8-bis(2-pyridyl)-3,6-dithiaoctane (pdto) and substituted 1,10-phenanthrolines

(2003) *Inorganic Chemistry*, 42 (6), pp. 1825-1834. Cited 15 times.

Document Type: Article

Source: Scopus

Ugalde-Saldivar, V.M., Sosa-Torres, M.E., González, I.

The reactivity of an iron(II)/iron(III) system with polyamine ligands in ethanol: An electrochemical study

(2003) *European Journal of Inorganic Chemistry*, (5), pp. 978-987. Cited 5 times.

Document Type: Article

Source: Scopus

Blasini, D.R., Tremont, R.J., Batina, N., González, I., Cabrera, C.R.

Self-assembly of (3-mercaptopropyl)trimethoxysilane on iodine coated gold electrodes

(2003) *Journal of Electroanalytical Chemistry*, 540, pp. 45-52. Cited 11 times.

Document Type: Article

Source: Scopus

Gómez, M., González, I., González, F.J., Vargas, R., Garza, J.

The association of neutral systems linked by hydrogen bond interactions: A quantitative electrochemical approach

(2003) *Electrochemistry Communications*, 5 (1), pp. 12-15. Cited 20 times.

Document Type: Article

Source: Scopus

Veloz, M.A., González, I.

Electrochemical study of carbon steel corrosion in buffered acetic acid solutions with chlorides and H₂S

(2002) *Electrochimica Acta*, 48 (2), pp. 135-144. Cited 65 times.

Document Type: Article

Source: Scopus

Arce, E.M., González, I.

A comparative study of electrochemical behavior of chalcopyrite, chalcocite and bornite in sulfuric acid solution

(2002) *International Journal of Mineral Processing*, 67 (1-4), pp. 17-28. Cited 53 times.

Document Type: Article

Source: Scopus

Luna-Sánchez, R.M., González, I., Lapidus, G.T.

An integrated approach to evaluate the leaching behaviour of silver from sulfide concentrates

(2002) *Journal of Applied Electrochemistry*, 32 (10), pp. 1157-1165. Cited 9 times.

Document Type: Article

Source: Scopus

Rincón, M.E., Martínez, M.W., Miranda-Hernández, M., González, I.

The effect of Si doping in (CdS) 1-x-y(ZnS) xSi y photocatalysts studied by electrochemical impedance spectroscopy and band bending theory

(2002) *Journal of the Electrochemical Society*, 149 (9), pp. E317-E324. Cited 2 times.

Document Type: Article

Source: Scopus

Reyes-Cruz, V., Ponce-de-León, C., González, I., Oropeza, M.T

Electrochemical deposition of silver and gold from cyanide leaching solutions
(2002) *Hydrometallurgy*, 65 (2-3), pp. 187-203. Cited 14 times.

Document Type: Article
Source: Scopus

Sosa, E., Cabrera-Sierra, R., Oropesa, M.T., González, I.

The influence of different surface conditions in the corrosion process of carbon steel in alkaline sour media
(2002) *Journal of Applied Electrochemistry*, 32 (8), pp. 905-913. Cited 8 times.

Document Type: Article
Source: Scopus

Sosa, E., Cabrera-Sierra, R., Oropesa, M.T., Gonzalez, I.

Stability study of iron sulfide films, electrochemically grown on carbon steel, in different electrolytic media
(2002) *Corrosion*, 58 (8), pp. 659-669. Cited 4 times.

Document Type: Article
Source: Scopus

Sosa, E., Cabrera-Sierra, R., García, I., Oropesa, M.T., González, I.

The role of different surface damages in corrosion process in alkaline sour media
(2002) *Corrosion Science*, 44 (7), pp. 1515-1528. Cited 15 times.

Document Type: Article
Source: Scopus

Macías-Ruvalcaba, N., Cuevas, G., González, I., Aguilar-Martínez, M.

Relationship between molecular structure and electron targets in the electroreduction of benzocarbazoles and anilinenaphthoquinones. Experimental and theoretical study
(2002) *Journal of Organic Chemistry*, 67 (11), pp. 3673-3681. Cited 21 times.

Document Type: Article
Source: Scopus

Cabrera-Sierra, R., Sosa, E., Oropesa, M.T., González, I.

Electrochemical study on carbon steel corrosion process in alkaline sour media
(2002) *Electrochimica Acta*, 47 (13-14), pp. 2149-2158. Cited 17 times.

Document Type: Conference Paper
Source: Scopus

Reyes Cruz, V., Oropesa, M.T., González, I., Ponce-De-León, C.

Electrochemical recovery of silver from cyanide leaching solutions
(2002) *Journal of Applied Electrochemistry*, 32 (5), pp. 473-479. Cited 11 times.

Document Type: Article
Source: Scopus

Nava, J.L., Oropesa, M.T., González, I.

Electrochemical characterisation of sulfur species formed during anodic dissolution of galena concentrate in perchlorate medium at pH 0
(2002) *Electrochimica Acta*, 47 (10), pp. 1513-1525. Cited 10 times.

Document Type: Article
Source: Scopus

Sosa, E., Cabrera-Sierra, R., Rincón, M.E., Oropeza, M.T, González, I.
Evolution of non-stoichiometric iron sulfide film formed by electrochemical oxidation of carbon steel in alkaline sour environment
(2002) *Electrochimica Acta*, 47 (8), pp. 1197-1208. Cited 32 times.

Document Type: Article
Source: Scopus

Marín-Cruz, J., González, I.
Evaluation of the extent of carbon steel surface damage by calcium carbonate scale
(2002) *Journal of the Electrochemical Society*, 149 (1), pp. B1-B3. Cited 4 times.

Document Type: Article
Source: Scopus

Aguilar-Martínez, M., Bautista-Martínez, J.A., Macías-Ruvalcaba, N., González, I., Tovar, E., Marín del Alizal, T., Collera, O., Cuevas, G.
Molecular structure of substituted phenylamine α -OMe- and α -OH-p-benzoquinone derivatives. Synthesis and correlation of spectroscopic, electrochemical, and theoretical parameters
(2001) *Journal of Organic Chemistry*, 66 (25), pp. 8349-8363. Cited 44 times.

Document Type: Article
Source: Scopus

Gómez, R., Hidalgo, M., Marques, E., Marin, L., Loinaz, C., Gonzalez, I., Garcia, I., Moreno, E.
Incidence and predisposing factors for incisional hernia in patients with liver transplantation
(2001) *Hernia*, 5 (4), pp. 172-176. Cited 24 times.

Document Type: Article
Source: Scopus

Cabrera-Sierra, R., Miranda-Hernández, M., Sosa, E., Oropeza, T., González, I.
Electrochemical characterization of the different surface states formed in the corrosion of carbon steel in alkaline sour medium
(2001) *Corrosion Science*, 43 (12), pp. 2305-2324. Cited 19 times.

Document Type: Article
Source: Scopus

Ghosh, S., Hanson, R., Gonzalez, I., Gilles, F., Levy, M.
Reappraisal of the etiology of abducens nerve palsy: an anatomic and developmental study
(2001) *Skull Base*, 11 (SUPPL. 1), p. 18.

Document Type: Article
Source: Scopus

Barrera, C.E., Salgado, L., Morales, U., González, I.
Solar absorptance of black cobalt and black cobalt-silver films and its relation with roughness coefficient
(2001) *Renewable Energy*, 24 (3-4), pp. 357-364.

Document Type: Article
Source: Scopus

Cruz, R., Méndez, B.A., Monroy, M., González, I.
Cyclic voltammetry applied to evaluate reactivity in sulfide mining residues
(2001) *Applied Geochemistry*, 16 (14), pp. 1631-1640. Cited 15 times.

Document Type: Article
Source: Scopus

Crespo, C., Navarro, M., González, I., Lorente, M.F., González, R., Mayol, M.J.
Intracranial and mediastinal inflammatory myofibroblastic tumour
(2001) *Pediatric Radiology*, 31 (8), pp. 600-602. Cited 11 times.

Document Type: Article
Source: Scopus

Cruz, R., Bertrand, V., Monroy, M., González, I.
Effect of sulfide impurities on the reactivity of pyrite and pyritic concentrates: A multi-tool approach
(2001) *Applied Geochemistry*, 16 (7-8), pp. 803-819. Cited 26 times.

Document Type: Article
Source: Scopus

Miranda-Hernández, M., González, I., Batina, N.
Silver electrocrystallization onto carbon electrodes with different surface morphology: Active sites vs surface features
(2001) *Journal of Physical Chemistry B*, 105 (19), pp. 4214-4223. Cited 23 times.

Document Type: Article
Source: Scopus

Ramos, A., Miranda-Hernández, M., González, I.
Influence of Chloride and Nitrate Anions on Copper Electrodeposition in Ammonia Media
(2001) *Journal of the Electrochemical Society*, 148 (4), pp. C315-C321. Cited 30 times.

Document Type: Article
Source: Scopus

Teutli León, M.M., Oropeza Gumzán, M.T., González, I.
Mathematical modeling of electrochemical remediation for soils under galvanostatic conditions
(2001) *Environmental Technology*, 22 (1), pp. 17-26. Cited 2 times.

Document Type: Article
Source: Scopus

Navarro, M., Crespo, C., Carnero, M., Lorente, M.F., González, I., Arenas, V.
Carcinomas of the tongue and floor of the mouth: Computed tomography findings [Carcinomas de lengua y suelo de boca: Hallazgos en TC]
(2001) *Radiología*, 43 (1), pp. 19-26.

Document Type: Article
Source: Scopus

Cabrera-Sierra, R., García, I., Sosa, E., Oropeza, T., González, I.
Electrochemical behavior of carbon steel in alkaline sour environments measured by electrochemical impedance spectroscopy
(2000) *Electrochimica Acta*, 46 (4), pp. 487-497. Cited 30 times.

Document Type: Article
Source: Scopus

Alcaraz, M.J., Lorente, M.L., Martín, A.M., González, I.

Ewing's sarcoma: A neuroectodermal tumor of the chest wall [Sarcoma de Ewing/tumor neuroectodérmico de pared torácica]

(2000) *Radiología*, 42 (8), pp. 457-462.

Document Type: Article

Source: Scopus

Cisneros-González, I., Oropeza-Guzmán, M.T., González, I.

Electrochemical study of galena concentrate in perchlorate medium at pH 2.0: The influence of chloride ions

(2000) *Electrochimica Acta*, 45 (17), pp. 2729-2741. Cited 17 times.

Document Type: Article

Source: Scopus

Barrera, E., Pardavé, M.P., Batina, N., González, I.

Formation mechanisms and characterization of black and white cobalt electrodeposition onto stainless steel

(2000) *Journal of the Electrochemical Society*, 147 (5), pp. 1787-1796. Cited 30 times.

Document Type: Article

Source: Scopus

Palomar-Pardavé, M., González, I., Batina, N.

New insights into evaluation of kinetic parameters for potentiostatic metal deposition with underpotential and overpotential deposition processes

(2000) *Journal of Physical Chemistry B*, 104 (15), pp. 3545-3555. Cited 32 times.

Document Type: Article

Source: Scopus

Sosa, E., Carreño, G., Ponce-De-León, C., Oropeza, M.T., Morales, M., González, I., Batina, N.

Lead deposition onto fractured vitreous carbon: Influence of electrochemical pretreated electrode

(2000) *Applied Surface Science*, 153 (4), pp. 245-258. Cited 6 times.

Document Type: Article

Source: Scopus

Vilchis-Carbajal, S., González, I., Lapidus, G.T.

Electrochemical study of gold cementation with zinc powder at low cyanide concentration in alkaline solutions

(2000) *Journal of Applied Electrochemistry*, 30 (2), pp. 217-229. Cited 8 times.

Document Type: Article

Source: Scopus

Mittler, M.A., Gonzalez, I., McComb, J.G.

Histiocytosis X

(1999) *Pediatric Neurosurgery*, 31 (2), p. 109.

Document Type: Article

Source: Scopus

Carreño, G., Sosa, E., González, I., Ponce-de-León, C., Batina, N., Oropeza, M.T.

Anion influence in lead removal from aqueous solution by deposition onto a vitreous carbon electrode

(1999) *Electrochimica Acta*, 44 (15), pp. 2633-2643. Cited 11 times.

Document Type: Article

Source: Scopus

Cisneros-González, I., Oropeza-Guzmán, M.T., González, I.
Cyclic voltammetry applied to the characterization of galena
(1999) *Hydrometallurgy*, 53 (2), pp. 133-144. Cited 17 times.

Document Type: Article
Source: Scopus

Scharifker, Benjamin R., Mostany, Jorge, Palomar-Pardave, Manuel, Gonzalez, Ignacio
On the theory of the potentiostatic current transient for diffusion-controlled three-dimensional electrocrystallization processes
(1999) *Journal of the Electrochemical Society*, 146 (3), pp. 1005-1012. Cited 64 times.

Document Type: Article
Source: Scopus

Mendoza, M., González, I., Bellorin, E.J., Salazar, W., Mendoza, L., Zambrano, E.A., de Albornoz, M.C.
Isolation, identification and serotyping of yeasts obtained from the vaginal fluid in patients with clinical vaginitis [Aislamiento, identificación y serotipificación de levaduras obtenidas del flujo vaginal en pacientes con clínica de vaginitis.]
(1999) *Investigación clínica*, 40 (1), pp. 25-36. Cited 5 times.

Document Type: Article
Source: Scopus

Naya, M.T., Miranda, B., Cuende, N., Gonzalez, I., Felipe, C.
Renal transplantation with kidneys from donors who died from poisoning by drugs or toxins [Trasplantes renales con riñones procedentes de donantes fallecidos por intoxicación aguda por fármacos o tóxicos]
(1999) *Nefrología*, 19 (5), pp. 434-442. Cited 1 time.

Document Type: Article
Source: Scopus

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