



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



LORENZO MARTINEZ GOMEZ

Datos Generales

Nombre: LORENZO MARTINEZ GOMEZ

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 41 años

Nombramientos

Último: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Ciencias Físicas
Desde 01-01-2008 (fecha inicial de registros en el
SIIA) hasta 30-06-2020

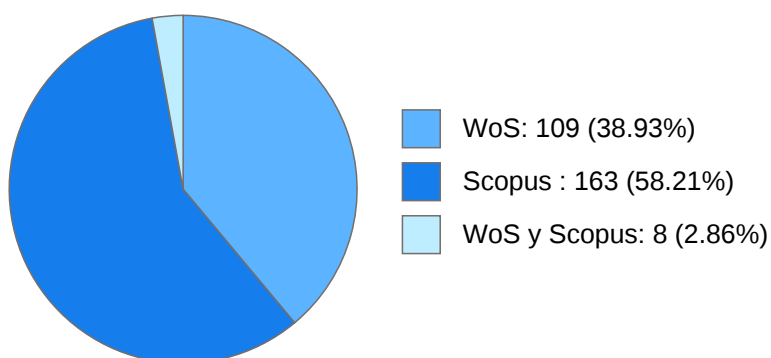
Estímulos, programas, premios y reconocimientos

SNI III 2023
SNI Emérito 2020 - 2022
SNI III - 2019
PRIDE D - 2020
PUN Innovación tecnológica y diseño industrial 1990

LORENZO MARTINEZ GOMEZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Layered materials and their heterojunctions for supercapacitor applications: a review	SRINIVAS GODAVARTHI LORENZO MARTINEZ GOMEZ Kar T. et al.	CRITICAL REVIEWS IN SOLID STATE AND MATERIALS SCIENCES	2022
2	COMBINING FRACTIONAL DERIVATIVES TO PREDICT BLOOD ALCOHOL CONCENTRATION	FRANCISCO ANTONIO GODINEZ ROJANO LORENZO MARTINEZ GOMEZ J. J. Rosales et al.	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY	2021
3	Green fabrication of 2D platinum superstructures and their high catalytic activity for mitigation of organic pollutants	LORENZO MARTINEZ GOMEZ Bogireddy N.K.R. Pal U. et al.	CATALYSIS TODAY	2021
4	Facile Synthesis of Zn Doped g-C ₃ N ₄ for Enhanced Visible Light Driven Photocatalytic Hydrogen Production	SRINIVAS GODAVARTHI LORENZO MARTINEZ GOMEZ Fuentez-Torres M.O. et al.	TOPICS IN CATALYSIS	2021
5	Highly exfoliated g-C ₃ N ₄ as turn OFF-ON (Ag ⁺ /CN ⁻) optical sensor and the intermediate (g-C ₃ N ₄ @Ag) for catalytic hydrogenation	SRINIVAS GODAVARTHI LORENZO MARTINEZ GOMEZ Naveen Kumar Reddy Bogireddy et al.	Journal of Environmental Chemical Engineering	2020

LORENZO MARTINEZ GOMEZ

6	Synthesis by Hydrothermal Treatment of ZnO-Based Varistors Doped with Rare Earth Oxides and Their Characterization by Impedance Spectroscopy	JESUS PORCAYO CALDERON JOSE JUAN RAMOS HERNANDEZ JOSE GONZALO GONZALEZ RODRIGUEZ et al.	Crystals	2020
7	Study of HVOF-sprayed hydroxyapatite/titania graded coatings under in-vitro conditions	LORENZO MARTINEZ GOMEZ John Henao Oscar Sotelo-Mazon et al.	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-J MR&T	2020
8	Platinum nanoparticle-assembled porous biogenic silica 3D hybrid structures with outstanding 4-nitrophenol degradation performance	LORENZO MARTINEZ GOMEZ Bogireddy N.K.R. Sahare P. et al.	CHEMICAL ENGINEERING JOURNAL	2020
9	Zerovalent nickel nanoparticles performance towards Cr(VI) adsorption in polluted water	MOHAN KUMAR KESARLA SRINIVAS GODAVARTHI MAURA CASALES DIAZ et al.	Nanotechnolog y	2020
10	Electrochemical Behavior of Austenitic Stainless Steels Exposed to Acetic Acid Solution	JOSE GONZALO GONZALEZ RODRIGUEZ MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMI CAL SCIENCE	2020
11	Transformation of g-C ₃ N ₄ into onion like carbon on nickel nanoparticles for ultrafast hydrogenation	LORENZO MARTINEZ GOMEZ Kesarla M.K. Kumar Reddy N.N. et al.	MATERIALS CHEMISTRY AND PHYSICS	2020
12	Perovskite Materials in Batteries	LORENZO MARTINEZ GOMEZ John Henao Yilber Pacheco	Materials Horizons-From Nature To Nanomaterials	2020
13	Synthesis of NdAlO ₃ nanoparticles and evaluation of the catalytic capacity for biodiesel synthesis	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ Dionicio-Navarrete M. et al.	NANOMATERIAL S	2019
14	Rare Earth-Based Compounds as Inhibitors of Hot-Corrosion Induced by Vanadium Salts	JOSE JUAN RAMOS HERNANDEZ JOSE GONZALO GONZALEZ RODRIGUEZ JESUS PORCAYO CALDERON et al.	Materials	2019
15	Sustainable development of corrosion inhibitors from electronic scrap: Synthesis and electrochemical performance	JOSE JUAN RAMOS HERNANDEZ LORENZO MARTINEZ GOMEZ Porcayo-Calderon J. et al.	Advances in Materials Science and Engineering	2019
16	Corrosion Performance of AISI 304 Stainless Steel in CO ₂ -Saturated Brine Solution	JESUS PORCAYO CALDERON LORENZO MARTINEZ GOMEZ H. Ruiz-Luna et al.	PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES	2019

LORENZO MARTINEZ GOMEZ

17	A comparative study of gravimetric and electrochemical techniques for the evaluation of corrosion inhibitor activity onset and efficiency in pipeline CO ₂ environments	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ Cáceres A.	Ingeniare. Revista Chilena De Ingeniería	2019
18	Performance of an amide-based inhibitor derived from coffee bagasse oil as corrosion inhibitor for X70 steel in CO ₂ -saturated brine	JESUS PORCAYO CALDERON LORENZO MARTINEZ GOMEZ N. B. Gomez-Guzman et al.	GREEN CHEMISTRY LETTERS AND REVIEWS	2019
19	Use of fatty amide and anionic surfactant as corrosion inhibitors for carbon steel in different atmospheres	EDNA VAZQUEZ VELEZ LORENZO MARTINEZ GOMEZ J. G. Gonzalez-Rodriguez et al.	International Journal of Corrosion and Scale Inhibition	2019
20	Skin protection against UV radiation using thin films of cerium oxide	LORENZO MARTINEZ GOMEZ JOSE FRANCISCO VALDES GALICIA MARCOS ALFONSO ANZORENA MENDEZ et al.	Radioprotection	2019
21	Use of a non-ionic gemini-surfactant synthesized from the wasted avocado oil as a CO ₂ - corrosion inhibitor for X-52 steel	EDNA VAZQUEZ VELEZ GONZALO GALICIA AGUILAR MAURA CASALES DIAZ et al.	INDUSTRIAL CROPS AND PRODUCTS	2019
22	Electrophoretic Deposition of Chitosan Films Doped with Nd ₂ Ti ₂ O ₇ Nanoparticles as Protective Coatings against Corrosion in Saline Solutions	MARGARITA MARTINEZ GOMEZ MARAOLINA DOMINGUEZ DIAZ HORACIO MARTINEZ VALENCIA et al.	INTERNATIONAL JOURNAL OF POLYMER SCIENCE	2019
23	Corrosion protection of 1018 carbon steel using an avocado oil-based inhibitor	OSCAR SOTELO MAZON SOCORRO DEL CARMEN VALDEZ RODRIGUEZ JESUS PORCAYO CALDERON et al.	GREEN CHEMISTRY LETTERS AND REVIEWS	2019
24	Hot Corrosion Behavior of Ni ₂₀ Cr Alloy in NaVO ₃ Molten Salt	SOCORRO DEL CARMEN VALDEZ RODRIGUEZ LORENZO MARTINEZ GOMEZ Silva-Leon P.D. et al.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2019
25	Use of an imidazol synthesized from palm oil as a corrosion inhibitor for a supermartensitic stainless steel in H ₂ S	EDNA VAZQUEZ VELEZ JOSE GONZALO GONZALEZ RODRIGUEZ LORENZO MARTINEZ GOMEZ et al.	GREEN CHEMISTRY LETTERS AND REVIEWS	2019
26	Lanthanum titanate nanometric powder potentially for rechargeable Ni-batteries: Synthesis and electrochemical hydrogen storage	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ Henao J. et al.	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-J MR&T	2019

LORENZO MARTINEZ GOMEZ

27	Size controlled green synthesis of gold nanoparticles using Coffea arabica seed extract and their catalytic performance in 4-nitrophenol reduction	LORENZO MARTINEZ GOMEZ N. K. R. Bogireddy U. Pal et al.	RSC ADVANCES	2018
28	Effect of plasma pre-oxidation on the Cu corrosion inhibition in 3.5% NaCl by an environmentally friendly amide	HORACIO MARTINEZ VALENCIA EDNA VAZQUEZ VELEZ BERNARDO FABIAN CAMPILLO ILLANES et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2018
29	Corrosion behavior of nitrided Ni3Al intermetallic alloy in 0.5 M H2SO4	HORACIO MARTINEZ VALENCIA JOSE GONZALO GONZALEZ RODRIGUEZ LORENZO MARTINEZ GOMEZ et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2018
30	Hydrogen storage in a rare-earth perovskite-type oxide La0.6Sr0.4Co0.2Fe0.8O3 for battery applications	OSCAR SOTELO MAZON MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ et al.	Rare Metals	2018
31	Morphological studies of ZnO nanostructures in the presence of trigol	LORENZO MARTINEZ GOMEZ Mohan Kumar Kesarla Badal Kumar Mandal	Biointerface Research In Applied Chemistry	2018
32	Effect of Nd3+ Ion Concentration on the Corrosion Resistance of API X70 Steel in Chloride-Rich Environments	JUDITH GUADALUPE RAMOS HERNANDEZ LORENZO MARTINEZ GOMEZ De La Escalera D.M.M. et al.	Advances in Materials Science and Engineering	2018
33	Rice Bran as Source for the Synthesis of Imidazoline-type Inhibitors: Synthesis and Corrosion Performance	LORENZO MARTINEZ GOMEZ Reyes-Dorantes E. Zúñiga-Díaz J. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2018
34	Development and evaluation of a green corrosion inhibitor based on rice bran oil obtained from agro-industrial waste	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ Salinas-Solano G. et al.	INDUSTRIAL CROPS AND PRODUCTS	2018
35	Green synthesis of Ce3+ rich CeO2 nanoparticles and its antimicrobial studies	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ K. Mohan Kumar et al.	MATERIALS LETTERS	2018
36	Effect of the noble metals addition on the oxidation behavior of Ni3Al	JESUS PORCAYO CALDERON GABRIEL ANGEL LARA RODRIGUEZ LORENZO MARTINEZ GOMEZ et al.	Advances in Materials Science and Engineering	2018
37	Use of an amide-type corrosion inhibitor synthesized from the coffee bagasse oil on the corrosion of Cu in NaCl	HORACIO MARTINEZ VALENCIA EDNA VAZQUEZ VELEZ LORENZO MARTINEZ GOMEZ et al.	GREEN CHEMISTRY LETTERS AND REVIEWS	2018

LORENZO MARTINEZ GOMEZ

38	Biodiesel from "Morelos" Rice: Synthesis, Oxidative Stability, and Corrosivity	JESUS PORCAYO CALDERON LORENZO MARTINEZ GOMEZ J. Zuniga-Diaz et al.	JOURNAL OF CHEMISTRY	2018
39	Electrochemical Study of Three Stainless Steel Alloys and Titanium Metal in Cola Soft Drinks	JESUS PORCAYO CALDERON SOCORRO DEL CARMEN VALDEZ RODRIGUEZ LORENZO MARTINEZ GOMEZ et al.	JOURNAL OF ELECTROCHEMI CAL SCIENCE AND TECHNOLOGY	2017
40	Electrochemical performance of the rare-earth perovskite-type oxide La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O ₃ as negative electrode material for Ni/oxide rechargeable batteries	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ Henao, John et al.	Materials For Renewable And Sustainable Energy	2017
41	Influence of pH on the Use of Salvia Hispanica as Green Corrosion Inhibitor for Carbon Steel in Sulfuric Acid	JESUS PORCAYO CALDERON LORENZO MARTINEZ GOMEZ Flores-Frias, E. A. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMI CAL SCIENCE	2017
42	Synthesis of gold nanoparticles using Coffea Arabica fruit extract	LORENZO MARTINEZ GOMEZ Bogireddy, Naveen Kumar Reddy Osorio-Roman, I. et al.	Advances In Nano Research	2017
43	Experimental and Theoretical Study of Ketoconazole as Corrosion Inhibitor for Bronze in NaCl+Na ₂ SO ₄ Solution	LORENZO MARTINEZ GOMEZ D. E. Millan-Ocampo J. A. Hernandez-Perez et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMI CAL SCIENCE	2017
44	Influence of Oxidation Treatments and Surface Finishing on the Electrochemical Behavior of Ni-20Cr HVOF Coatings	JESUS PORCAYO CALDERON LORENZO MARTINEZ GOMEZ H. Ruiz-Luna et al.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2017
45	ZnS nanoparticles capped with watermelon rind extract and their potential application in dye degradation	LORENZO MARTINEZ GOMEZ Lakshmipathy, R. Kesarla, Mohan Kumar et al.	RESEARCH ON CHEMICAL INTERMEDIATES	2017
46	Fatty Amides from Crude Rice Bran Oil as Green Corrosion Inhibitors	LORENZO MARTINEZ GOMEZ Reyes-Dorantes, E. Zuniga-Diaz, J. et al.	JOURNAL OF CHEMISTRY	2017
47	Review: on rare-earth perovskite-type negative electrodes in nickel-hydride (Ni/H) secondary batteries	LORENZO MARTINEZ GOMEZ Henao, John	Materials For Renewable And Sustainable Energy	2017
48	Oil Extraction from "Morelos Rice" Bran: Kinetics and Raw Oil Stability	JESUS PORCAYO CALDERON LORENZO MARTINEZ GOMEZ Zuniga-Diaz, J. et al.	JOURNAL OF CHEMISTRY	2017

LORENZO MARTINEZ GOMEZ

49	Sustainable Development of Palm Oil: Synthesis and Electro-chemical Performance of Corrosion Inhibitors	ERIC MAURICIO RIVERA MUÑOZ MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ et al.	JOURNAL OF ELECTROCHEMICAL SCIENCE AND TECHNOLOGY	2017
50	Nitrogen doped carbon dots derived from Sargassum fluitans as fluorophore for DNA detection	EDNA VAZQUEZ VELEZ LORENZO MARTINEZ GOMEZ Godavarthi, S. et al.	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY	2017
51	Effect of methanol on the corrosion behaviour of Al-Cu Alloys in sulphuric acid	LORENZO MARTINEZ GOMEZ Vergara-Juarez, F. Rosales-Cadena, I. et al.	CORROSION ENGINEERING SCIENCE AND TECHNOLOGY	2017
52	Use of Salvia hispanica as an eco-friendly corrosion inhibitor for bronze in acid rain	LORENZO MARTINEZ GOMEZ Larios-Galvez A.K. Porcayo-Calderon J. et al.	ANTI-CORROSION METHODS AND MATERIALS	2017
53	Corrosion Performance of Ni-Based Alloys in Sodium Metavanadate	EDNA VAZQUEZ VELEZ LORENZO MARTINEZ GOMEZ JOSE JUAN RAMOS HERNANDEZ et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2016
54	Electrochemical Corrosion of HVOF-Sprayed NiCoCrAlY Coatings in CO ₂ -Saturated Brine	LORENZO MARTINEZ GOMEZ Ruiz-Luna, H. Porcayo-Calderon, J. et al.	JOURNAL OF THERMAL SPRAY TECHNOLOGY	2016
55	Effect of Ag Addition on the Electrochemical Performance of Cu ₁₀ Al in Artificial Saliva	LORENZO MARTINEZ GOMEZ Salgado-Salgado, R. J. Porcayo-Calderon, J. et al.	BIOINORGANIC CHEMISTRY AND APPLICATIONS	2016
56	Use of a Palm Oil-Based Imidazoline as Corrosion Inhibitor for Copper in 3.5% NaCl Solution	EDNA VAZQUEZ VELEZ LORENZO MARTINEZ GOMEZ Gonzalez-Rodriguez, J. G. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2016
57	Biodegradation and Ecotoxicity of Polyethylene Films Containing Pro-Oxidant Additive	LORENZO MARTINEZ GOMEZ Vazquez-Morillas, A. Beltran-Villavicencio, M. et al.	JOURNAL OF POLYMERS AND THE ENVIRONMENT	2016
58	Green synthesis of hausmannite nanocrystals and their photocatalytic dye degradation and antimicrobial studies	EDNA VAZQUEZ VELEZ MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ et al.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2016
59	Green synthesis of S-doped rod shaped anatase TiO ₂ microstructures	LORENZO MARTINEZ GOMEZ Mohan Kumar, K. Godavarthi, S. et al.	MATERIALS LETTERS	2016

LORENZO MARTINEZ GOMEZ

60	Corrosion Performance of Cu-Based Coins in Artificial Sweat	LORENZO MARTINEZ GOMEZ Porcayo-Calderon, J. Rodriguez-Diaz, R. A. et al.	JOURNAL OF CHEMISTRY	2016
61	Microstructural Changes during High Temperature Service of a Cobalt-Based Superalloy First Stage Nozzle	LORENZO MARTINEZ GOMEZ Luna Ramirez, A. Porcayo-Calderon, J. et al.	Advances in Materials Science and Engineering	2016
62	Effect of Hydroxyethyl imidazoline and Ag Nanoparticles on the CO ₂ Corrosion of Carbon Steel	LORENZO MARTINEZ GOMEZ Rivera-Grau, L. M. Gonzalez-Rodriguez, J. G.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2016
63	Effect of the Depth of the Solution Layer on the Atmospheric Corrosion of Carbon Steel	EDNA VAZQUEZ VELEZ MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2016
64	Corrosion Performance of Fe-Cr-Ni Alloys in Artificial Saliva and Mouthwash Solution	J. PorcayoCalderon MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ et al.	BIOINORGANIC CHEMISTRY AND APPLICATIONS	2015
65	Effect of the NaVO ₃ -V ₂ O ₅ ratio on the high temperature corrosion of chromium	LORENZO MARTINEZ GOMEZ PorcayoCalderon, J. Bravo, V. M. Salinas et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2015
66	Electrochemical Behavior of NiAl and Ni ₃ Al Intermetallic Coatings in 1.0 M NaOH Solution	J. PorcayoCalderon LORENZO MARTINEZ GOMEZ SoteloMazon, O. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2015
67	Internal corrosion solution for gathering production gas pipelines involving palm oil amide based corrosion inhibitors	MAURA CASALES DIAZ JORGE DANIEL CARLOS CANTO ILLA JOSE IGNACIO REGLA CONTRERAS et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2015
68	Electrochemical study of the corrosion performance of AISI-309 and AISI-310 exposed in NaVO ₃ at high temperature	LORENZO MARTINEZ GOMEZ SoteloMazon, O. CuevasArteaga, C. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2015
69	Influence of the chemical composition in the electrochemical response of permanent magnets	S. Godavarthi EDNA VAZQUEZ VELEZ MAURA CASALES DIAZ et al.	JOURNAL OF SPECTROSCOPY	2015
70	Effect of Cu Addition on the Electrochemical Corrosion Performance of Ni ₃ Al in 1.0 M H ₂ SO ₄	LORENZO MARTINEZ GOMEZ Porcayo-Calderon J. Rodriguez-Diaz R.A. et al.	Advances in Materials Science and Engineering	2015

LORENZO MARTINEZ GOMEZ

71	Electrochemical behavior of NiAl and Ni ₃ Al intermetallic coatings in 1.0 M NaOH solution	LORENZO MARTINEZ GOMEZ Porcayo-Calderon J. Sotelo-Mazon O. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2015
72	Electrochemical Study of Ni20Cr Coatings Applied by HVOF Process in ZnCl ₂ -KCl at High Temperatures	J. Porcayo Calderon MAURA CASALES DIAZ JORGE ANTONIO ASCENCIO GUTIERREZ et al.	JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY	2014
73	Effect of the Diesel, Inhibitor, and CO ₂ Additions on the Corrosion Performance of 1018 Carbon Steel in 3% NaCl Solution	J. Porcayo Calderon MAURA CASALES DIAZ D. M. Ortega Toledo et al.	JOURNAL OF CHEMISTRY	2014
74	EIS Evaluation of Fe, Cr, and Ni in NaVO ₃ at 700 degrees C	J. Porcayo Calderon JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ et al.	JOURNAL OF SPECTROSCOPY	2014
75	High temperature corrosion of Inconel 600 in NaCl-KCl molten salts	J. Porcayo Calderon JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ et al.	Advances in Materials Science and Engineering	2014
76	Considerations in the internal corrosion mitigation	LORENZO MARTINEZ GOMEZ JORGE DANIEL CARLOS CANTO ILLA Pedraza-Basulto G.K. et al.	ECS Transactions	2014
77	Evaluation at pipeline corrosion at oil field	LORENZO MARTINEZ GOMEZ JORGE DANIEL CARLOS CANTO ILLA Pedraza-Basulto G.K. et al.	ECS Transactions	2014
78	Premature coating failure of A tank lining system	LORENZO MARTINEZ GOMEZ Padilla J.A. Benedith R. et al.	NACE - International Corrosion Conference Series	2014
79	Effect of Organic Corrosion Inhibitors on the Corrosion Performance of 1018 Carbon Steel in 3% NaCl Solution	MAURA CASALES DIAZ JOSE IGNACIO REGLA CONTRERAS D. M. Ortega Toledo et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2013
80	Electrochemical Performance of Fe-Al intermetallic alloys with addition of Li, Ni and Ce in NaVO ₃ at 700 degrees C	LORENZO MARTINEZ GOMEZ Luna-Ramirez, A. Porcayo-Calderon, J. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2013
81	Phase stability diagrams for high temperature corrosion processes	J. J. Ramos Hernandez LORENZO MARTINEZ GOMEZ Porcayo-Calderon, J. et al.	MATHEMATICAL PROBLEMS IN ENGINEERING	2013

LORENZO MARTINEZ GOMEZ

82	Corrosion Performance of Fe-Al Intermetallic Coatings in 1.0 M NaOH Solution	LORENZO MARTINEZ GOMEZ Porcayo-Calderon, J. Arrieta-Gonzalez, C. D. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2013
83	Failure analysis in a 6 in nitrogen pipeline in monterrey, Mexico	LORENZO MARTINEZ GOMEZ Rivera H. Cantó J.J. et al.	NACE - International Corrosion Conference Series	2013
84	Corrosion and Remediation for Bridges in Mexico	LORENZO MARTINEZ GOMEZ Soto-Espitia, Rafael Vazquez Gonzalez, Jose Roberto et al.	MATERIALS PERFORMANCE	2012
85	H ₂ S Corrosion Inhibition of Carbon Steel by a Coconut-Modified Imidazoline	MAURA CASALES DIAZ JOSE IGNACIO REGLA CONTRERAS D. M. Ortega Toledo et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2012
86	CO ₂ Corrosion Inhibition by Imidazoline Derivatives Based on Coconut Oil	MAURA CASALES DIAZ JOSE IGNACIO REGLA CONTRERAS D. M. Ortega Toledo et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2012
87	Evaluation of the corrosion inhibition by a coco-modified imidazoline in CO ₂ -H ₂ S	MAURA CASALES DIAZ JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ et al.	NACE - International Corrosion Conference Series	2012
88	Evaluation of the corrosion inhibition by a coco-modified imidazoline in CO ₂ -H ₂ S	MAURA CASALES DIAZ JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ et al.	NACE - International Corrosion Conference Series	2012
89	Field experiences in corrosion diagnosis and remediation solutions for the bridge infrastructure of México	LORENZO MARTINEZ GOMEZ Soto-Espitia R. González J.R.V. et al.	NACE - International Corrosion Conference Series	2012
90	Design of a cathodic protection system to overcome a galvanic dissimilarity on iconic monument for Mexico's 200 year independence celebration	LORENZO MARTINEZ GOMEZ Cantó J. Padilla J.A. et al.	NACE - International Corrosion Conference Series	2012

LORENZO MARTINEZ GOMEZ

91	Development of a methodology for predicting the behavior of electric current in metallic structures under the influence of cathodic protection systems	LORENZO MARTINEZ GOMEZ Rivera H. Martínez L.M. et al.	Rio Pipeline Conference And Exposition, Technical Papers	2011
92	Pipeline and tank integrity management and cathodic protection for the network of jet fuel supply stations of the airports of Mexico	LORENZO MARTINEZ GOMEZ Rios A. Martínez-De-LaEscalera L.M. et al.	Rio Pipeline Conference And Exposition, Technical Papers	2011
93	Pipeline and storage integrity assessment, magnetic flux measurements, computer modeling and corrosion control strategies for pumping and distribution station in east Mexico	LORENZO MARTINEZ GOMEZ Cantó J. Martínez L.M. et al.	Rio Pipeline Conference And Exposition, Technical Papers	2011
94	Development of a methodology for predicting the behavior of electric current in metallic structures under the influence of cathodic protection systems	LORENZO MARTINEZ GOMEZ Rivera H. Martinez L.M. et al.	Brazilian Petroleum, Gas And Biofuels Institute Rio Pipeline Conference [ibp] (rio De Janeiro, Brazil, 9/20-22/20	2011
95	Hydrodynamic Effects on the CO ₂ Corrosion Inhibition of X-20 Pipeline Steel by Carboxyethyl-imidazoline	MAURA CASALES DIAZ VERONICA ALEJANDRA CACERES CHAVEZ LORENZO MARTINEZ GOMEZ et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2011
96	Corrosion Inhibition of Carbon Steel in 0.5M HCl by Monopropionate	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ Lopez-Sesenes, R. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2011
97	CO ₂ corrosion inhibition of X-70 pipeline steel by carboxyamido imidazoline	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ Ortega-Sotelo, D. M. et al.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2011
98	Co-2 corrosion inhibition of X-120 pipeline steel by a modified imidazoline under flow conditions	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ Ortega-Toledo, D. M. et al.	CORROSION SCIENCE	2011
99	Pipeline Survey in Mexico Reveals Need for 100-mV Polarization CP Criterion	JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ Canto, J. et al.	MATERIALS PERFORMANCE	2009

LORENZO MARTINEZ GOMEZ

100	Hybrid CP System for an Airport Jet Fuel Pipeline	HUMBERTO ANDRES CARRILLO CALVET LORENZO MARTINEZ GOMEZ Martínez-de la Escalera, L. M. et al.	MATERIALS PERFORMANCE	2009
101	Effect of heat treatment on H ₂ S corrosion of a micro-alloyed C-Mn steel	MAURA CASALES DIAZ LORENZO MARTINEZ GOMEZ Lucio-García, M. A. et al.	CORROSION SCIENCE	2009
102	Behavior of corrosion inhibitor on the new ultra high strength steel	ANDRES AGUILAR NEGRETE RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS et al.	NACE - International Corrosion Conference Series	2009
103	Borides precipitation in the FeAl ₄₀ intermetallic compound produced by atomization-deposition process	OSVALDO FLORES CEDILLO RAMIRO PEREZ CAMPOS LORENZO MARTINEZ GOMEZ et al.	Advanced Materials Research	2009
104	Comparative study of corrosion in physiological serum of ceramic coatings applied on 316L stainless steel substrate	LORENZO MARTINEZ GOMEZ Espitia-Cabrera M.I. Orozco-Hernández H.D. et al.	Advanced Materials Research	2009
105	Photoluminescence spectroscopy and effective concentration determination of Cd _x Zn _{1-x} Se	LORENZO MARTINEZ GOMEZ Sweiti A. Medina F. et al.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2008
106	Design and construction of the hybrid CP system for the Mexico City airport jet fuel pipeline under the 100mV polarization criterion	HUMBERTO ANDRES CARRILLO CALVET JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ et al.	NACE - International Corrosion Conference Series	2008
107	CIS study and interference root cause analysis of an early external corrosion leakage of a production gas pipeline in the gas fields in northeast Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ Canto J. et al.	NACE - International Corrosion Conference Series	2008
108	Coatings strategy for fuel storage and energy facilities in Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ De La Escalera L.M.M. et al.	NACE - International Corrosion Conference Series	2008
109	5,000 Km ROW CP survey analysis and the potential advantages of the -100 mV polarization criterion for the CP of aged coating oil and gas pipelines in Gulf and North of Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ Canto J. et al.	NACE - International Corrosion Conference Series	2008

LORENZO MARTINEZ GOMEZ

110	Coatings strategy for fuel storage and energy facilities in Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ Martinez De La Escalera L.M. et al.	NACE - International Corrosion Conference Series	2008
111	Design and construction of the hybrid CP system for the Mexico City Airport jet fuel pipeline under the 100mv polarization criterion	HUMBERTO ANDRES CARRILLO CALVET JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ et al.	NACE - International Corrosion Conference Series	2008
112	5,000 KM row CP survey analysis and the potential advantages of the - 100 MV polarization criterion for the CP of aged coating oil and gas pipelines in Gulf and North of Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ Canto J. et al.	NACE - International Corrosion Conference Series	2008
113	Microstructural effects on the hydrogen permeation of an Inconel alloy 690	J. M. Zagal J. L. Albarran LORENZO MARTINEZ GOMEZ et al.	CORROSION SCIENCE	2008
114	Microstructural response on the cracking resistance of alloy 600	ANDRES AGUILAR NEGRETE LORENZO MARTINEZ GOMEZ Albarran J.L. et al.	MATERIALS LETTERS	2007
115	Synthesis of nanostructured zirconia electrodeposited films on AISI 316L stainless steel and its behaviour in corrosion resistance assessment	LORENZO MARTINEZ GOMEZ Espitia-Cabrera I. Orozco-Hernández H. et al.	MATERIALS LETTERS	2004
116	Effect of grain boundary chemistry on the intergranular stress corrosion cracking resistance of alloy 600 in high purity water	ANDRES AGUILAR NEGRETE LORENZO MARTINEZ GOMEZ Albarran J.L. et al.	NACE - International Corrosion Conference Series	2003
117	Stress corrosion cracking behavior of microalloyed pipeline steels exposed to pressurized sour gas environments	LORENZO MARTINEZ GOMEZ RAMIRO PEREZ CAMPOS Albarran J.L. et al.	NACE - International Corrosion Conference Series	2003
118	High temperature deformation of Al ₅ Mo ₃ Si single crystals	LORENZO MARTINEZ GOMEZ BERNARDO FABIAN CAMPILLO ILLANES Rosales I. et al.	SCRIPTA MATERIALIA	2003
119	Influence of the hydrophobic material content in the gas diffusion electrodes on the performance of a PEM fuel cell	ANA LILIA OCAMPO FLORES JOSEPH SEBASTIAN PATHIYAMATTOM MASCHA AFRA SMIT et al.	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2003

LORENZO MARTINEZ GOMEZ

120	High temperature corrosion performance of FeAl intermetallic alloys in molten salts	LORENZO MARTINEZ GOMEZ Amaya M. Espinosa-Medina M.A. et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2003
121	Blue photoluminescence of α -Ga ₂ S ₃ and α -Ga ₂ S ₃ :Fe ²⁺ single crystals	LORENZO MARTINEZ GOMEZ Yoon C.-S. Medina F.D. et al.	APPLIED PHYSICS LETTERS	2003
122	The role of environmental sulfur on degradation of ignimbrites of the Cathedral in Morelia, Mexico	LORENZO MARTINEZ GOMEZ Alonso E.	BUILDING AND ENVIRONMENT	2003
123	Microbiologically influenced corrosion by citrobacter in sour gas pipelines	RAMIRO PEREZ CAMPOS OSVALDO FLORES CEDILLO LORENZO MARTINEZ GOMEZ et al.	MATERIALS PERFORMANCE	2002
124	Pore structure, barrier layer topography and matrix alumina structure of porous anodic alumina film	LORENZO MARTINEZ GOMEZ RAMIRO PEREZ CAMPOS Sui Y.C. et al.	Thin Solid Films	2002
125	Localised biological corrosion of X52 steel exposed within sea water pipelines	LORENZO MARTINEZ GOMEZ Romero J.M. Angeles-Chavez C. et al.	BRIT CORROS J	2002
126	Preparation and characterisation of ancient-like masonry mortars	LORENZO MARTINEZ GOMEZ VICTOR MANUEL CASTAÑO MENESES Alonso E. et al.	ADVANCED COMPOSITES LETTERS	2002
127	Mechanical properties of concrete elaborated with igneous aggregates	LORENZO MARTINEZ GOMEZ Alonso E. Martínez W. et al.	CEMENT CONCRETE RES	2002
128	Growth of carbon nanotubes and nanofibres in porous anodic alumina film	RENE GUARDIAN TAPIA DWIGHT ROBERTO ACOSTA NAJARRO LORENZO MARTINEZ GOMEZ et al.	Carbon	2002
129	Bacterial influence on the corrosion of API-XL70 steel	RAMIRO PEREZ CAMPOS LORENZO MARTINEZ GOMEZ Amaya M.	NACE - International Corrosion Conference Series	2002
130	Weldability aspects of a cast heat-resistant alloy	LORENZO MARTINEZ GOMEZ Haro S. Velasco A. et al.	Asm Conference Proceedings: Joining Of Advanced And Specialty Materials	2001

LORENZO MARTINEZ GOMEZ

131	Electrochemical studies on high-temperature corrosion of silicon-iron coatings and iron aluminide intermetallic alloys by molten salts	LORENZO MARTINEZ GOMEZ Amaya M. Porcayo-Calderon J.	CORROSION	2001
132	Corrosion of AISI 304 stainless steel induced by thermophilic sulfate reducing bacteria (SRB) from a geothermal power unit	LORENZO MARTINEZ GOMEZ Torres-Sanchez R. García-Vargas J. et al.	Materials and Corrosion - Werkstoffe und Korrosion	2001
133	Corrosion induced for a novel aerobic bacteria isolated in an offshore injection system	LORENZO MARTINEZ GOMEZ Amaya M. Romero J.M.	CORROSION	2001
134	Unusually high lead and chrome contents of paints in Mexico	LORENZO MARTINEZ GOMEZ	MATERIALS TECHNOLOGY	2000
135	Aging of a Heat Resistant Alloy	LORENZO MARTINEZ GOMEZ Haro S. López D. et al.	Asm Proceedings: Heat Treating	1999
136	High temperature corrosion of spray-atomized FeAl (40at. %) based alloys immersed in a molten salt mixture of V2O5-Na2so4	LORENZO MARTINEZ GOMEZ Amaya M. Lavernia E.J.	Materials Research Society Symposium Proceedings	1999
137	Effect of heat treatment on the stress corrosion resistance of a microalloyed pipeline steel	LORENZO MARTINEZ GOMEZ Albarran J.L. Lopez H.F.	CORROSION SCIENCE	1999
138	Behaviour of luminescent F and F+ centers in sapphire	LORENZO MARTINEZ GOMEZ Jardin C. Ghamnia M. et al.	Proceedings Of The International Conference On Electric Charge In Solid Insulators, Csc	1998
139	Alumina klystron window characterization	LORENZO MARTINEZ GOMEZ Durand A.J. Jardin C.	Proceedings Of The International Conference On Electric Charge In Solid Insulators, Csc	1998
140	Assessing and improving current efficiency in magnesium base sacrificial anodes by microstructure control	BERNARDO FABIAN CAMPILLO ILLANES LORENZO MARTINEZ GOMEZ Genescá J. et al.	CORROS REV	1998

LORENZO MARTINEZ GOMEZ

141	Protection of carbon steel against hot corrosion using thermal spray Si- and Cr-Base coatings	LORENZO MARTINEZ GOMEZ Porcayo-Calderon J. Gonzalez-Rodriguez J.G.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	1998
142	Temperature evolution of the 2.1 eV band in the Zn1-xMnxSe system for low concentration	LORENZO MARTINEZ GOMEZ Xue J. Ye Y. et al.	JOURNAL OF LUMINESCENCE	1998
143	High-temperature electrochemical testing of spray atomized and deposited iron aluminides alloyed with boron and reinforced with alumina particulate	LORENZO MARTINEZ GOMEZ Amaya M. Porcayo-Calderon J. et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	1998
144	Rehabilitation of a damaged reinforced concrete bridge in a marine environment	LORENZO MARTINEZ GOMEZ Carpio J.J. Perez-Lopez T. et al.	Proceedings Of The International Seminar On Repair And Rehabilitation Of Reinforced Concrete Structures: The Stat	1998
145	Dimensional metrology of nanometric spherical particles using AFM: II, application of model-tapping mode	LORENZO MARTINEZ GOMEZ Garcia V.J. Briceno-Valero J.M. et al.	Probe Microscopy	1998
146	Mechanistic aspects of carburization in oil-fired power plants	LORENZO MARTINEZ GOMEZ López-López D. Wong-Moreno A. et al.	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	1998
147	The behaviour of luminescent F and F+ centers in sapphire	LORENZO MARTINEZ GOMEZ Jardin C. Ghamnia M. et al.	VIDE	1998
148	Alumina klystron window characterization	LORENZO MARTINEZ GOMEZ Durand A.J. Jardin C.	VIDE	1998
149	The role of alumina particulate in microstructural and forging properties of spray-atomized and -deposited Fe-Al ordered intermetallic compounds	LORENZO MARTINEZ GOMEZ	J MATER SYNTH PROCES	1997

LORENZO MARTINEZ GOMEZ

150	Magneto-optic and infrared study of (y ₃ -y _{cey})(fe, ga) ₅ o ₁₂ garnet films-part i: effect of variable ce content and heat pulse annealing	LORENZO MARTINEZ GOMEZ Adan Lopez-Rivera S. Fontal B. et al.	IEEE TRANSACTIONS ON MAGNETICS	1997
151	Electronic spectroscopy (AES, EELS) and cathodoluminescence (CL) for α-Al ₂ O ₃ characterization	LORENZO MARTINEZ GOMEZ Ghamnia M. Jardin C. et al.	Vacuum	1997
152	Kinetic parameters from complex thermal desorption spectrum	LORENZO MARTINEZ GOMEZ Garcí V.J. Briceño-Valero J.M.	Vacuum	1997
153	Abnormal grain growth of austenite in a V-Nb microalloyed steel	OSVALDO FLORES CEDILLO LORENZO MARTINEZ GOMEZ	JOURNAL OF MATERIALS SCIENCE	1997
154	Electron trapping phenomena at TiN/α-Al ₂ O ₃ interfaces	LORENZO MARTINEZ GOMEZ Jardin C. Ghamnia M. et al.	Conference On Electrical Insulation And Dielectric Phenomena (ceidp), Annual Report	1997
155	High temperature fracture during forging of FeAl intermetallic alloys fabricated using spray atomization and alumina particulate	LORENZO MARTINEZ GOMEZ OSVALDO FLORES CEDILLO Amaya M. et al.	Proceedings Of The International Conference On Creep And Fracture Of Engineering Materials And Structures	1997
156	Dimensional metrology of nanometric spherical particles using AFM: I, model development	LORENZO MARTINEZ GOMEZ Garcia V.J. Briceno-Valero J.M. et al.	Probe Microscopy	1997
157	Solid solutions in the dilute magnetic semiconductor Mn _x Zn _{1-x} S	LORENZO MARTINEZ GOMEZ García V.J. Briceño-Valero J.M. et al.	JOURNAL OF CRYSTAL GROWTH	1997
158	Erosion, corrosion and deposits in gas turbines burning heavy, high sulphur fuel oil	LORENZO MARTINEZ GOMEZ Wong-Moreno A. López-López D. et al.	CORROS REV	1996
159	Computer simulation of grain boundary spatial distribution in a three-dimensional polycrystal with cubic structure	DAVID RENE ROMERO CAMARENA LORENZO MARTINEZ GOMEZ Fionova L.	ACTA MATERIALIA	1996

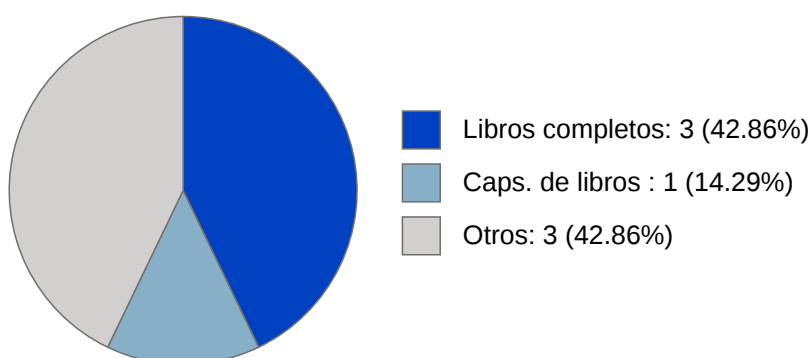
LORENZO MARTINEZ GOMEZ

160	Synthesis and characterisation of gallium antimonide nanoparticles: Reaction between tris(trimethylsilyl)antimonide and gallium trichloride	LORENZO MARTINEZ GOMEZ Schulz S. Ross J.L.	ADV MATER OPT ELECTR	1996
161	Microbial corrosion of metals exposed to air in tropical marine environments	LORENZO MARTINEZ GOMEZ Parra A. Carpio J.J.	MATERIALS PERFORMANCE	1996
162	Microstructural and chemical characterization of MIC products from stainless steel probes in seawater using SEM and AFM techniques	RAMIRO PEREZ CAMPOS OSVALDO FLORES CEDILLO LORENZO MARTINEZ GOMEZ et al.	NACE - International Corrosion Conference Series	1996
163	High temperature microbial corrosion in the condenser of a geothermal electric power unit	LORENZO MARTINEZ GOMEZ Torres-Sanchez R. Magaña-Vazquez A. et al.	NACE - International Corrosion Conference Series	1996

LORENZO MARTINEZ GOMEZ

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	GRAIN BOUNDARIES IN AN Fe-Al ALLOY: CHARACTERIZATION OF GRAIN BOUNDARY ENSEMBLES AND CRACK PROPAGATION IN AN Fe-Al ALLOY	JULIO ALBERTO JUAREZ ISLAS RAMIRO PEREZ CAMPOS OSVALDO FLORES CEDILLO et al.	Capítulo de un Libro	2023	9781000944044
2	Crónicas de la Ciencia volumen VI	GERARDO GAMBA AYALA LORENZO MARTINEZ GOMEZ JOSE LUIS MORAN LOPEZ	Libro Completo	2015	9786079138219
3	A new risk and reliability model for compressor and pump installations	LORENZO MARTINEZ GOMEZ García-Hernandez A. Delgado-Garibay H. et al.	Conferencia Paper	2014	9780791845660
4	Pipelines risk and integrity management in shared right of way: Case study	LORENZO MARTINEZ GOMEZ Gonzalez J.L.M. Betancourt E.R. et al.	Conferencia Paper	2014	9780791846124
5	Fotosíntesis Artificial	RICARDO GOMEZ RAMIREZ LORENZO MARTINEZ GOMEZ JORGE ANTONIO ASCENCIO GUTIERREZ	Libro Completo	2013	9786077841036



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



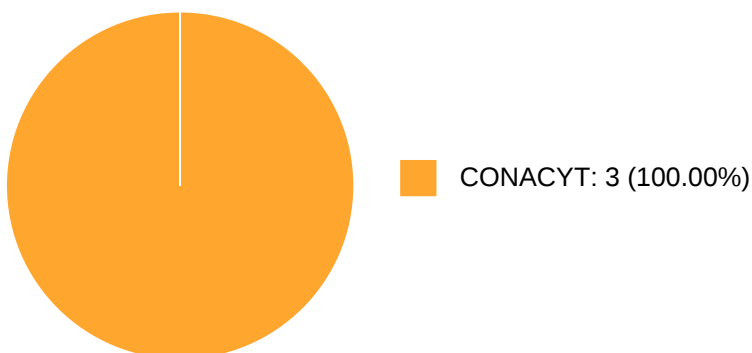
LORENZO MARTINEZ GOMEZ

6	Monitoring integrity and corrosion damage on cable stayed bridge "Jaime Dovali" Mexico	LORENZO MARTINEZ GOMEZ Soto-Espitia R. Vázquez González J.R.	Conferencia Paper	2012	9780415621243
7	Acero	LORENZO MARTINEZ GOMEZ	Libro Completo	2011	9786071603593

LORENZO MARTINEZ GOMEZ

PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

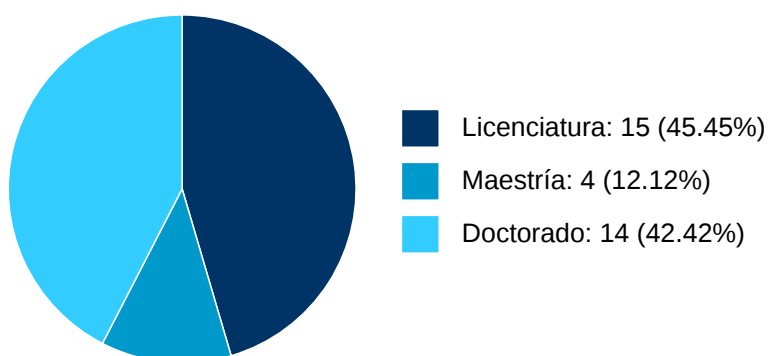


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Laboratorio Nacional de Materias Primas, Metalurgia y Aleaciones Estratégicas basadas en Tierras Raras orientadas a fortalecer la Sustentabilidad de los Sectores Energía, Transporte y Comunicaciones.	LORENZO MARTINEZ GOMEZ	Recursos CONACYT	09-11-2016	09-05-2020
2	Purificación de agua a través de membranas de Nanofibras Electrohiladas Impregnadas con Nanopartículas de metales cerivalentes.	LORENZO MARTINEZ GOMEZ	Recursos CONACYT	07-02-2017	06-02-2019
3	Centro Mexicano de Innovación en Energía Oceano "CEMIE-Océano"	LORENZO MARTINEZ GOMEZ	Recursos CONACYT	15-02-2017	14-02-2021

LORENZO MARTINEZ GOMEZ

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Efecto de la presencia de NPAG y Ag+ sobre el proceso de inhibición de la corrosión de un acero al carbón en medio dulce	Tesis de Maestría	LORENZO MARTINEZ GOMEZ,	Hipólito Nájera, Adrián Ricardo,	Instituto de Ciencias Físicas,	2015
2	Definiciones puntuales y descripción de perspectivas de gadolinio en campos magnéticos para aplicaciones médicas y energéticas	Tesis de Maestría	JORGE ANTONIO ASCENCIO GUTIERREZ,	LORENZO MARTINEZ GOMEZ, LUIS ENRIQUE SANSORES CUEVAS, et al.	Instituto de Ciencias Físicas, Instituto de Investigaciones en Materiales,	2014
3	Investigación sobre técnicas avanzadas e instrumentación electroquímica y gravimétrica para evaluar el control de la corrosión en ductos de hidrocarburos	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Cáceres Jiménez, Andrea de los Ángeles,	Instituto de Ciencias Físicas,	2011

LORENZO MARTINEZ GOMEZ

4	Estudio de los mecanismos de corrosión causados por las emulsiones aceite-agua por medio de técnicas electroquímicas	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Villamizar Suarez, William,	2006
5	Corrosión microbiana aerobia en el interior de acueductos de la industria petrolera	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Romero Domínguez, Juan Manuel,	2003
6	Desarrollo de aleaciones intermetálicas de base Mo-Si	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Rosales Cadena, Isai,	2002
7	Estudio de aceros microaleados al Nb para barras de refuerzo	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Campillo Illanes, Bernardo Fabián,	2002
8	Corrosión microbiológica del acero AISI 304 en una central geotermoelectrica	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Torres Sanchez, Ruben,	2002
9	Propiedades mecánicas y deterioro de materiales basados en rocas ígneas	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Alonso Guzman, Elia Mercedes,	2002
10	Mejoramiento de la deformación plástica de los compuestos intermetálicos FeAl	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Flores Cedillo, Osvaldo,	2001
11	Corrosión bajo esfuerzo de un acero microaleado en ambientes ácidos	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Albarran Gomez, José Luis,	1999
12	Investigación sobre la corrosión atmosférica en el Golfo de México	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Parra García, Armando,	1999
13	Propiedades mecánicas y electroquímicas de aleaciones intermetálicas FeAl a altas temperaturas	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Amaya Malpica, Manuel Guadalupe,	1999
14	Proyección contra corrosión a alta temperatura por medio de recubrimientos base silicio aplicados por proyección térmica	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Porcayo Calderon, Jesus,	1998

LORENZO MARTINEZ GOMEZ

15	Corrosion de aleaciones resistentes a altas temperaturas expuestas a ceniza de combustoleo pesado	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	Wong Moreno, Adriana del Carmen,	1998
16	Forja de aceros microaleados	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Gasca Gomez, Miguel Angel, Ramirez Gomez, Juan Elias,	1996
17	Medicion de la penetracion de nitrogeno aplicando la tecnica Auger en un acero H12 nitrurado ionicamente	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Vazquez Tepetla, José Ansberto Carlos,	1995
18	Precipitacion y crecimiento de grano en austenita de acero microaleado grado 60 kgf/mm ²	Tesis de Maestría	LORENZO MARTINEZ GOMEZ,	Flores Cedillo, Osvaldo,	1994
19	Investigacion sobre corrosion carburizacion y ruptura de tubos de acero inoxidable en generadores de vapor	Tesis de Doctorado	LORENZO MARTINEZ GOMEZ,	López López, David,	1994
20	Cinetica de precipitacion durante nitruracion ionica del acero H-12	Tesis de Maestría	LORENZO MARTINEZ GOMEZ,	Albarran Gomez, José Luis,	1992
21	Caracterizacion de los aceros de refuerzo fabricados en Mexico	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Legorreta Rosales, José Antonio,	1990
22	Efecto del niobio y el nitrogeno en un acero HSLA	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Flores Cedillo, Osvaldo,	1990
23	Estudio del comportamiento de aceros al carbono y microaleados durante pruebas de doblez	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Lima Balderas, Raul,	1990

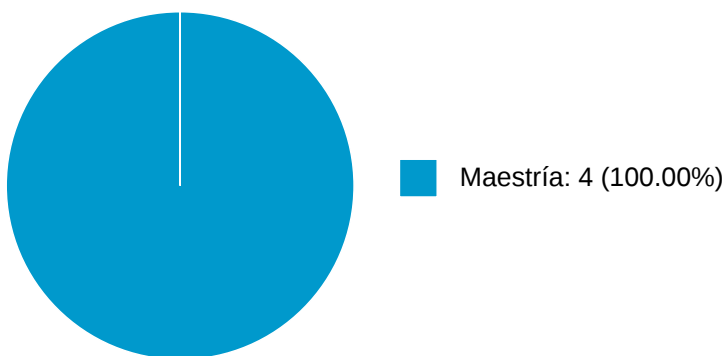
LORENZO MARTINEZ GOMEZ

24	Metodos numericos para modelar superficies de fractura	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Toledo de la Cruz, Franco,	1989
25	Estudio de dureza del superconductor YBa2 Cu3 O7-x	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Valdes Cornejo, Saul Feliciano,	1989
26	Estudio del super conductor HoBa2 Cu3 O7-x	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Rivera Muñoz, Eric Mauricio,	1988
27	El acero de refuerzo de concreto en edificios derrumbados por el sismo de 1985	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Ramirez Esquivel, Elvira,	1987
28	Estudio de la estructura granular en un super conductor de GD BA2 CU3 O7+X	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Vazquez Carrillo, Luis,	1987
29	Estudio de fractura de alta temperatura en el Niquel	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Tapia Ramirez, Victor Hugo,	1986
30	Cavitacion intergranular en cobre	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Oseguera Peña, Joaquin Esteban,	1985
31	Nitruracion ionica de aceros de herramienta y aleados de fabricacion Mexicana	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Albarran Gomez, José Luis, Lovera Frutos, Raul, et al.	1985
32	Prediccion de temperaturas y estructuras durante el laminado en caliente de acero inoxidable AISI 304	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Escalante de la Torre, Mario Edgar,	1984
33	Mecanismos de fractura en cobre, bajo condiciones de termofleuncia	Tesis de Licenciatura	LORENZO MARTINEZ GOMEZ,	Ramirez Berman, Juan,	1984

LORENZO MARTINEZ GOMEZ

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2015-2
2	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2015-1
3	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2014-2
4	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2014-1

LORENZO MARTINEZ GOMEZ

PATENTES

#	Título	Inventores	Sección	Año
1	SISTEMA INTEGRAL ANTI-VANDALISMO EN CASETA PARA TRANSFORMADOR ELECTRICO Y RECTIFICADOR DE PROTECCION CATODICA.	LORENZO MARTINEZ GOMEZ, JORGE ANTONIO ASCENCIO GUTIERREZ,	ELECTRICITY	2018
2	PROCESO PARA LA OBTENCION DE MEZCLAS DE IMIDAZOLINAS E INHIBIDORES DE CORROSION A PARTIR DE DESECHOS DEL CAFÉ.	MARIA PATRICIA SHIRLEY DEMARE NEGRETE, LORENZO MARTINEZ GOMEZ, JOSE IGNACIO REGLA CONTRERAS, et al.	CHEMISTRY; METALLURGY	2018
3	PROCESO PARA LA OBTENCION DE MEZCLAS DE IMIDAZOLINAS DE ACEITES VEGETALES.	MARIA PATRICIA SHIRLEY DEMARE NEGRETE, LORENZO MARTINEZ GOMEZ, JOSE IGNACIO REGLA CONTRERAS, et al.	CHEMISTRY; METALLURGY	2019
4	OBTENCION DE INHIBIDORES DE CORROSION A PARTIR DEL APROVECHAMIENTO DE DESECHOS DE AGUACATE.	EDNA VAZQUEZ VELEZ, LORENZO MARTINEZ GOMEZ,	CHEMISTRY; METALLURGY	2022

LORENZO MARTINEZ GOMEZ

FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024