



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



HOMERO CASTAÑEDA LOPEZ

Datos Generales

Nombre: HOMERO CASTAÑEDA LOPEZ

Máximo nivel de estudios:

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último:

Estímulos, programas, premios y reconocimientos

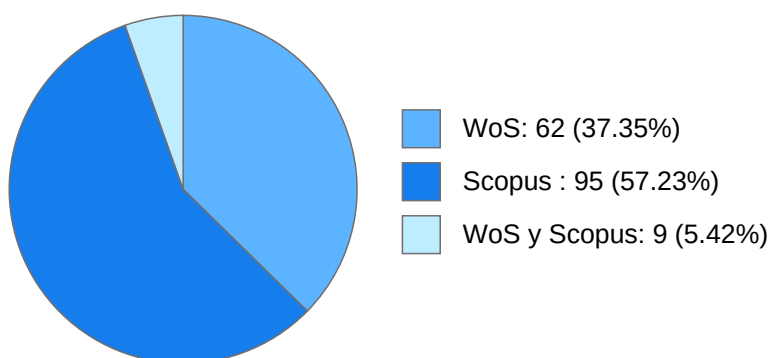
SNI II 2014 - 2023

SNI I 2010 - 2013

HOMERO CASTAÑEDA LOPEZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Corrigendum to "Selective laser sintering of metallic oxide powder mixtures for bi/tri-metallic-oxide formation" [Mater. Lett. 286 (2021) 129215] (Materials Letters (2021) 286, (S0167577X20319236), (10.1016/j.matlet.2020.129215))	HOMERO CASTAÑEDA LOPEZ Esmacher O. Hurst M. et al.	MATERIALS LETTERS	2022
2	Electronic and optical competence of TiO ₂ /BiVO ₄ nanocomposites in the photocatalytic processes	JUAN CARLOS DURAN ALVAREZ HOMERO CASTAÑEDA LOPEZ K. T. Drinya et al.	SCIENTIFIC REPORTS	2020
3	The 6-girth-thickness of the complete graph	HOMERO CASTAÑEDA LOPEZ ANDREA BERENICE RAMOS TORT CHRISTIAN RUBIO MONTIEL et al.	AKCE International Journal of Graphs and Combinatorics	2020
4	Perspectives of chalcopyrite-based CIGSe thin-film solar cell: a review	VELUMANI SUBRAMANIAM HOMERO CASTAÑEDA LOPEZ Regmi G. et al.	JOURNAL OF MATERIALS SCIENCE-MATER IALS IN ELECTRONICS	2020

HOMERO CASTAÑEDA LOPEZ

5	Loading influence on the corrosion assessment during stress-induced martensite reorientation in nickel-titanium SMA	HOMERO CASTAÑEDA LOPEZ Mohajeri M. Case R. et al.	SMART MATERIALS AND STRUCTURES	2020
6	Corrosion resistance of alkoxysilane modified bisphenol A-epoxide coatings	HOMERO CASTAÑEDA LOPEZ Joo M. Chiu T.-M. et al.	PROGRESS IN ORGANIC COATINGS	2019
7	Electrical and electrochemical behavior of a zinc-rich epoxy coating system with carbon nanotubes as a diode-like material	HOMERO CASTAÑEDA LOPEZ Cho S. Chiu T.-M.	ELECTROCHIMICA ACTA	2019
8	Electrochemical impedance characterization of LiMnPO ₄ electrodes with different additions of MWCNTs in an aqueous electrolyte	HOMERO CASTAÑEDA LOPEZ Barraza-Fierro J.I. Chiu T.-M.	Journal Of The Mexican Chemical Society	2019
9	A stochastic defect growth model for reliability assessment of corroded underground pipelines	HOMERO CASTAÑEDA LOPEZ Wang H. Yajima A.	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	2019
10	A study of annealing time to surface characteristics and hydrogen embrittlement on AlSi coated 22MnB5 during hot stamping process	HOMERO CASTAÑEDA LOPEZ Yang W. Hwang E. et al.	SURFACE & COATINGS TECHNOLOGY	2019
11	Tortuosity but Not Percolation: Design of Exfoliated Graphite Nanocomposite Coatings for Extended Corrosion Protection of Aluminum Alloys	HOMERO CASTAÑEDA LOPEZ Davidson R.D. Cubides Y. et al.	Acs Applied Nano Materials	2019
12	Microstructural influence on hydrogen permeation and trapping in steels	HOMERO CASTAÑEDA LOPEZ Liu M.A. Rivera-Díaz-del-Castillo P.E.J. et al.	MATERIALS & DESIGN	2019
13	Magnesium Nanocomposite Coatings for Protection of a Lightweight Al Alloy: Modes of Corrosion Protection, Mechanisms of Failure	HOMERO CASTAÑEDA LOPEZ Davidson R.D. Cubides Y. et al.	PHYSICAL STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	2019
14	Inhibition of acid undercutting of inorganic/organic hybrid polyurethane coatings	HOMERO CASTAÑEDA LOPEZ He Z. Li X. et al.	PROGRESS IN ORGANIC COATINGS	2019
15	Influence of dynamic recrystallization and shear banding on the localized corrosion of severely deformed Al ₃ Mg ₂ Si alloy	HOMERO CASTAÑEDA LOPEZ Ly R. Hartwig K.T.	Materialia	2018

HOMERO CASTAÑEDA LOPEZ

16	Corrosion assessment of zinc-rich primers containing polyaniline and the effect of acid as a dopant	HOMERO CASTAÑEDA LOPEZ Li X. Cubides Y. et al.	CORROSION	2018
17	EIS Behavior of Experimental High-Strength Steel in Near-Neutral pH and Load Conditions	BERNARDO FABIAN CAMPILLO ILLANES HOMERO CASTAÑEDA LOPEZ Barraza-Fierro, J.I. et al.	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE	2017
18	Damage evolution of coated steel pipe under cathodic-protection in soil	HOMERO CASTAÑEDA LOPEZ Li, X.	ANTI-CORROSION METHODS AND MATERIALS	2017
19	Probing the degradation mechanism of a Cr(VI) coating/aluminum alloy 2024-T3 system based on dynamic mechanisms and a 2D deterministic-probabilistic approach	HOMERO CASTAÑEDA LOPEZ Cho, S. Cubides, Y.	ELECTROCHIMICA ACTA	2017
20	Comprehensive Interfacial Mechanisms of LiMnPO ₄ -MWCNT Composite ratios in Acidic Aqueous Electrolyte	HOMERO CASTAÑEDA LOPEZ Chiu T.-M. Barraza-Fierro J.I.	ELECTROCHIMICA ACTA	2017
21	Interfacial and corrosion characterization of zinc rich-epoxy primers with carbon nanotubes exposed to marine bacteria	HOMERO CASTAÑEDA LOPEZ Galicia M. Valencia Goujon V. et al.	NACE - International Corrosion Conference Series	2017
22	Electrochemical performance of nano engineered-coatings based on antimicrobial nano-alloy in corrosive environment	HOMERO CASTAÑEDA LOPEZ Chiu T.-M. Hunt E.M. et al.	NACE - International Corrosion Conference Series	2017
23	Influence of zinc content and chloride concentration on the corrosion protection performance of zinc-rich epoxy coatings containing carbon nanotubes on carbon steel in simulated concrete pore environments	HOMERO CASTAÑEDA LOPEZ Cubides, Y. Su, S.S.	CORROSION	2016
24	Deterministic modeling of API5L X52 steel in a coal-tar-coating/cathodic-protection system in soil	HOMERO CASTAÑEDA LOPEZ Li, X.M. Rosas, O.	INTERNATIONAL JOURNAL OF PRESSURE VESSELS AND PIPING	2016

HOMERO CASTAÑEDA LOPEZ

25	Time-dependent reliability analysis of corroded buried pipelines considering external defects	HOMERO CASTAÑEDA LOPEZ Miran, S.A. Huang, Q.	J INFRASTRUCT SYST	2016
26	Effect of different oxidation states of polyaniline on anticorrosion performances of modified zinc rich primer	HOMERO CASTAÑEDA LOPEZ Li, X. Yang, D.	NACE - International Corrosion Conference Series	2016
27	Flowing fluid loop cell (FFLC) system design and FFLC-based corrosion testing under acid conditions	HOMERO CASTAÑEDA LOPEZ Yang, D. Li, X.	NACE - International Corrosion Conference Series	2016
28	On exfoliation corrosion of alloy 2060 T8E30 in an aggressive acid environment	HOMERO CASTAÑEDA LOPEZ Karayan A.I. Jata K. et al.	JOURNAL OF ALLOYS AND COMPOUNDS	2016
29	Quantitative comparison of anaerobic pitting patterns and damage risks by chloride versus Desulfovibrio vulgaris using a fast pitting-characterization method	HOMERO CASTAÑEDA LOPEZ Chen Y. Torres J. et al.	INTERNATIONAL BIODETERIORATION & BIODEGRADATION	2016
30	Corrosion inhibition of mild steel by an imidazolium ionic liquid compound: the effect of pH and surface pre-corrosion	HOMERO CASTAÑEDA LOPEZ Yang D. Zhang M. et al.	RSC ADVANCES	2015
31	Coating studies of buried pipe in soil by novel approach of electrochemical impedance spectroscopy at wide frequency domain	HOMERO CASTAÑEDA LOPEZ Li X.	CORROSION ENGINEERING SCIENCE AND TECHNOLOGY	2015
32	A clustering approach for assessing external corrosion in a buried pipeline based on hidden Markov random field model	HOMERO CASTAÑEDA LOPEZ Wang H. Yajima A. et al.	STRUCTURAL SAFETY	2015
33	Corrosion behaviors of carbon steel and stainless steel in the presence of iron oxidizing bacteria acidithiobacillus ferrooxidans	HOMERO CASTAÑEDA LOPEZ Wang H. Ju L.-K. et al.	NACE - International Corrosion Conference Series	2015
34	Electrochemical characterization in CO ₂ saturated environment of Zn-rich epoxy nanocoatings on API X52 pipeline grade steel substrate under flow conditions	HOMERO CASTAÑEDA LOPEZ Valencia-Goujon V. Maya-Visuet E. et al.	NACE - International Corrosion Conference Series	2015

HOMERO CASTAÑEDA LOPEZ

35	Proposed ECDA methodology modification by including new probabilistic and statistical analysis based on a case of study for 110km pipeline	HOMERO CASTAÑEDA LOPEZ Yajima A. Mora R. et al.	NACE - International Corrosion Conference Series	2015
36	Electrochemical assessment of corrosion inhibition effect of several chemical formulas on steel and aluminum substrates	HOMERO CASTAÑEDA LOPEZ Yang D. Minch B. et al.	NACE - International Corrosion Conference Series	2015
37	Transpassive behavior of UNS N08367 super austenitic stainless steel in LiBr solution	HOMERO CASTAÑEDA LOPEZ Karayan A.I. Maya-Visuet E.	CORROSION	2015
38	Long-term survival of Desulfovibrio vulgaris on carbon steel and associated pitting corrosion	HOMERO CASTAÑEDA LOPEZ Chen Y. Tang Q. et al.	CORROSION SCIENCE	2015
39	Integrated zwitterionic conjugated poly(carboxybetaine thiophene) as a new biomaterial platform	HOMERO CASTAÑEDA LOPEZ Cao B. Tang Q. et al.	CHEMICAL SCIENCE	2015
40	A Bayesian model framework for calibrating ultrasonic in-line inspection data and estimating actual external corrosion depth in buried pipeline utilizing a clustering technique	HOMERO CASTAÑEDA LOPEZ Wang H. Yajima A. et al.	STRUCTURAL SAFETY	2015
41	A clustering based method to evaluate soil corrosivity for pipeline external integrity management	HOMERO CASTAÑEDA LOPEZ Yajima A. Wang H. et al.	INTERNATIONAL JOURNAL OF PRESSURE VESSELS AND PIPING	2015
42	The effect of TiO ₂ as a pigment in a polyurethane/polysiloxane hybrid coating/aluminum interface based on damage evolution	HOMERO CASTAÑEDA LOPEZ Maya-Visuet E. Gao T. et al.	PROGRESS IN ORGANIC COATINGS	2015
43	Bayesian modeling of external corrosion in underground pipelines based on the integration of markov chain monte carlo techniques and clustered inspection data	HOMERO CASTAÑEDA LOPEZ Wang H. Yajima A. et al.	COMPUT-AIDED CIV INF	2015
44	Quantification of protective properties of the coating/corrosion product/steel interface by integration of transmission line model with EIS results	HOMERO CASTAÑEDA LOPEZ Niu J. Barraza-Fierro J.I.	JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH	2015

HOMERO CASTAÑEDA LOPEZ

45	Transmission Line Modeling Applied to Hot Corrosion of Fe-40at.pctAl in Molten LiCl?KCl	Jesus Israel BarrazaFierro HOMERO CASTAÑEDA LOPEZ Antonio EspinosaMedina, Marco	METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE	2015
46	Interfacial Characterization of Single- and Multi-Walled CNT-Doped Chitosan Scaffolds under Two Flow Conditions	HOMERO CASTAÑEDA LOPEZ Galicia, M. Li, X.	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2014
47	Corrosion of carbon steel C1010 in the presence of iron oxidizing bacteria Acidithiobacillus ferrooxidans	HOMERO CASTAÑEDA LOPEZ Wang H. Ju L.-K. et al.	CORROSION SCIENCE	2014
48	Transpassivity characterization of the alloy UNS N08367 in a chloride-containing solution	HOMERO CASTAÑEDA LOPEZ Karayan A.I. Maya-Visuet E.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2014
49	The application of macro modeling concept for the soil/coating external corrosion for ECDA process by using statistical tools	HOMERO CASTAÑEDA LOPEZ Yajima A. Liang R. et al.	NACE - International Corrosion Conference Series	2014
50	Comparison of the corrosion inhibiting properties of imidazole based ionic liquids on API X52 steel in carbon dioxide saturated NaCl solution	HOMERO CASTAÑEDA LOPEZ Yang D. Rosas O.	NACE - International Corrosion Conference Series	2014
51	Effect of chloride ions on the electrochemical performance of LDX 2003 alloy in concrete and simulated concrete-pore solutions	HOMERO CASTAÑEDA LOPEZ Rosas O. Maya-Visuet E.	JOURNAL OF APPLIED ELECTROCHEMISTRY	2014
52	Analysis of soft coating corrosion performance on carbon steel using electrochemical impedance spectroscopy	HOMERO CASTAÑEDA LOPEZ Li X.M. Faber B. et al.	CORROSION	2014
53	Weld decay failure of a UNS S31603 stainless steel storage tank	HOMERO CASTAÑEDA LOPEZ Karayan A.I.	ENGINEERING FAILURE ANALYSIS	2014

HOMERO CASTAÑEDA LOPEZ

54	FeCO ₃ layer evolution for API 5L X52 steel in carbon dioxide-saturated NaCl brine in the presence of 1-decyl-3-methylimidazolium chloride	HOMERO CASTAÑEDA LOPEZ Yang D. Rosas O.	CORROSION SCIENCE	2014
55	Single-boss crevice former for studying crevice corrosion of UNS S32003 in chloride-containing solution at high temperature	HOMERO CASTAÑEDA LOPEZ Karayan A.I. Esquivel Guerrero J.	JOURNAL OF ALLOYS AND COMPOUNDS	2014
56	Comparison of the corrosion inhibiting properties of imidazole based ionic liquids on API X52 steel in carbon dioxide saturated NaCl solution	HOMERO CASTAÑEDA LOPEZ Yang D. Rosas O.	NACE - International Corrosion Conference Series	2014
57	Influence of soil parameters on coating damage evolution of X52 pipeline steel under cathodic protection conditions	HOMERO CASTAÑEDA LOPEZ Li X.	NACE - International Corrosion Conference Series	2014
58	The application of macro modeling concept for the soil/coating External corrosion for ECDA process by using statistical tools	HOMERO CASTAÑEDA LOPEZ Yajima A. Liang R. et al.	NACE - International Corrosion Conference Series	2014
59	Dynamic macro modeling for the soil characteristics as a complement for the pre-evaluation step in the external corrosion direct assessment (ECDA) method	HOMERO CASTAÑEDA LOPEZ Zhang L. Rahimi A. et al.	NACE - International Corrosion Conference Series	2013
60	Electrochemical characterization of steel in active interface due to heterogeneous layer in CO ₂ environment in presence of NaCl	HOMERO CASTAÑEDA LOPEZ Karayan A.I. Barraza J.I.	NACE - International Corrosion Conference Series	2013
61	Severe pitting corrosion caused by a starving sulfate-reducing bacterium surviving on carbon steel and effect of surface roughness	HOMERO CASTAÑEDA LOPEZ Chen Y. Howdyshell R. et al.	NACE - International Corrosion Conference Series	2013
62	Rust preventive film characterization by electrochemical impedance spectroscopy and the ASTM B117 method	HOMERO CASTAÑEDA LOPEZ Bacco A. Faber B. et al.	NACE - International Corrosion Conference Series	2013

HOMERO CASTAÑEDA LOPEZ

63	Dynamic macro modeling for the soil characteristics as a complement for the pre-evaluation step in the external corrosion direct assessment (ECDA) method	HOMERO CASTAÑEDA LOPEZ Zhang L. Arya F. et al.	NACE – International Corrosion Conference Series	2013
64	Electrochemical characterization of steel in active interface due to heterogeneous layer in CO ₂ environment in presence of NaCl	HOMERO CASTAÑEDA LOPEZ Karayan A.I. Barraza J.I.	NACE – International Corrosion Conference Series	2013
65	Severe pitting corrosion caused by a starving sulfate-reducing bacterium surviving on carbon steel and effect of surface roughness	HOMERO CASTAÑEDA LOPEZ Chen Y. Howdyshe R. et al.	NACE – International Corrosion Conference Series	2013
66	The impedance response of different mechanisms for LiCoO ₂ /acetylene carbon electrodes in alkaline solutions under polarization conditions	HOMERO CASTAÑEDA LOPEZ	ELECTROCHIMICA ACTA	2013
67	Interfacial electrochemical analysis on LiCoO ₂ /carbon nanotubes layers as cathode active composite in aqueous electrolytes	HOMERO CASTAÑEDA LOPEZ Rosas O. Saunders J.	ELECTROCHIMICA ACTA	2013
68	Electrochemical characterization of UNS N08367 and UNS S31603 alloys in presence of chloride and bromide solutions	HOMERO CASTAÑEDA LOPEZ Maya-Visuet E. Karayan A.I.	ECS Transactions	2012
69	Proposed model for quantification of dissolution-and evolution of a steel-CO ₂ solution interface by the transmission line approach	HOMERO CASTAÑEDA LOPEZ Galicia, M.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2012
70	Proposal for integration of DC basis technologies with macro tool approach to asses active-corrosion sites in buried pipelines	HOMERO CASTAÑEDA LOPEZ Vergara M.C. Torrano R.M. et al.	NACE – International Corrosion Conference Series	2011
71	Proposal for integration of DC basis technologies with macro tool approach to asses active-corrosion sites in buried pipelines	HOMERO CASTAÑEDA LOPEZ Vergara M.C. Torrano R.M. et al.	NACE – International Corrosion Conference Series	2011

HOMERO CASTAÑEDA LOPEZ

72	Electrochemical impedance study of GaAs surface charge modulation through the deprotonation of carboxylic acid monolayers	HOMERO CASTAÑEDA LOPEZ Camacho-Alanis F. Zangari G. et al.	Langmuir	2011
73	Electrochemical impedance spectroscopy of carboxylic-acid terminal alkanethiol self assembled monolayers on GaAs substrates	HOMERO CASTAÑEDA LOPEZ Wu L. Camacho-Alanis F. et al.	ELECTROCHIMICA ACTA	2010
74	Electrochemical characterization of the LiCoO ₂ /acetylene carbon ratios for porous electrodes in alkaline lithium aqueous solutions by electrochemical impedance spectroscopy	HOMERO CASTAÑEDA LOPEZ Tan B. Saunders J.	ELECTROCHIMICA ACTA	2010
75	Evolution of dissolution processes at the interface of carbon steel corroding in a CO ₂ environment studied by EIS	HOMERO CASTAÑEDA LOPEZ Farelal, F. Galicia, M. et al.	CORROSION SCIENCE	2010
76	Film properties and stability influence on impedance distribution during the dissolution process of low-carbon steel exposed to modified alkaline sour environment	HOMERO CASTAÑEDA LOPEZ Sosa, Eliceo Antonio Espinosa-Medina, Marco	CORROSION SCIENCE	2009
77	Inspection technologies and tools used to determine the effectiveness of cathodic protection for subsea pipelines in the Gulf of Mexico- A review	HOMERO CASTAÑEDA LOPEZ Galicia M.	NACE - International Corrosion Conference Series	2009
78	Study of star-forming galaxies in SDSS up to redshift 0.4	MARITZA ARLENE LARA LOPEZ HOMERO CASTAÑEDA LOPEZ Cepa J. et al.	ASTRONOMY & ASTROPHYSICS	2009
79	Inspection technologies and tools used to determine the effectiveness of cathodic protection for subsea pipelines in the gulf of mexico- a review	HOMERO CASTAÑEDA LOPEZ Galicia M.	NACE - International Corrosion Conference Series	2009
80	Proposed algorithm for life time prediction for small diameter low carbon steel pipelines under different scaling-flow simulation conditions	HOMERO CASTAÑEDA LOPEZ Leis B.N. Alamilla J.L.	17th International Corrosion Congress 2008: Corrosion Control In The Service Of Society	2008

HOMERO CASTAÑEDA LOPEZ

81	SRB-biofilm influence in active corrosion sites formed at the steel-electrolyte interface when exposed to artificial seawater conditions	HOMERO CASTAÑEDA LOPEZ Benetton, Xochitl D.	CORROSION SCIENCE	2008
82	Hydrogen entry mechanism for API X-65 steel exposed in near neutral solutions under adsorption-activation conditions	HOMERO CASTAÑEDA LOPEZ Leis B.N.	NACE - International Corrosion Conference Series	2007
83	Hydrogen entry mechanism for API X-65 steel exposed in near neutral solutions under adsorption-activation conditions	HOMERO CASTAÑEDA LOPEZ Leis B.N.	NACE - International Corrosion Conference Series	2007
84	Characterization of hot wall deposited CdSe _{0.6} Te _{0.4} thin films	VELUMANI SUBRAMANIAM HOMERO CASTAÑEDA LOPEZ Balasundaraprabhu R. et al.	JOURNAL OF NEW MATERIALS FOR ELECTROCHEMI CAL SYSTEMS	2007
85	Electrochemical characterization of X80 steel under sour environments and addition of Imidazoline based compounds under linear flow conditions	HOMERO CASTAÑEDA LOPEZ Hernández R. Galicia M.	ECS Transactions	2007
86	Dissolution and inhibition mechanism of 1018 steel in simulated cooling water by adding phosphonoacetic acid compound under two flow conditions	HOMERO CASTAÑEDA LOPEZ Hernández R. Galicia M. et al.	ECS Transactions	2006
87	Impedance distribution at the interface of the API steel X65 in marine environment	HOMERO CASTAÑEDA LOPEZ Sosa E. García-Arriaga V.	ELECTROCHIMIC A ACTA	2006
88	Structural and electrochemical characterization of sputter-deposited nitrided NiCr alloys	VELUMANI SUBRAMANIAM HOMERO CASTAÑEDA LOPEZ JOSEPH SEBASTIAN PATHIYAMATTOM et al.	JOURNAL OF SOLID STATE ELECTROCHEMIS TRY	2005
89	Life prediction estimation of an underground pipeline using alternate current impedance and reliability analysis	HOMERO CASTAÑEDA LOPEZ RAMIRO PEREZ CAMPOS Alamilla J.	CORROSION	2004
90	Life prediction and reliability analysis of pipe steel used for oil transportation when exposed to Cl ⁻ and CO ₂ solutions under flow conditions	HOMERO CASTAÑEDA LOPEZ Alamilla J. Flores-Macias O.	Nace Meeting Papers	2004

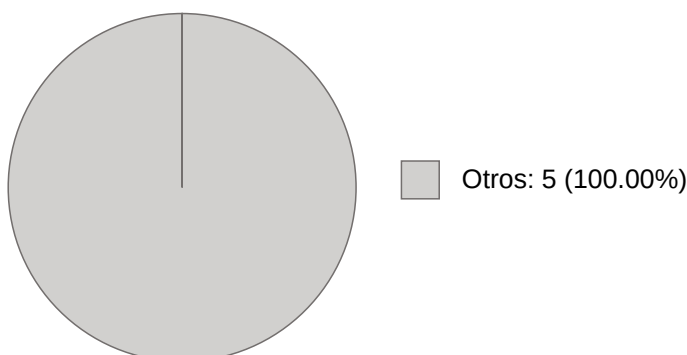
HOMERO CASTAÑEDA LOPEZ

91	Film kinetics of X-65 steel in the presence of amine based inhibitors and H ₂ S for the system Fe-CO ₂ -Cl under hydrodynamic conditions	HOMERO CASTAÑEDA LOPEZ RAMIRO PEREZ CAMPOS Galicia M. et al.	Nace Meeting Papers	2004
92	Detecting external failures in coated, buried pipelines: Theoretical model and experimental verification	HOMERO CASTAÑEDA LOPEZ Urquidi-Macdonald M.	CORROSION	2004
93	Film stability for API 5L X-52 line pipe steel in CO ₂ (aq) and Cl ⁻ (aq) solutions in presence of amine based inhibitor under hydrodynamic conditions	HOMERO CASTAÑEDA LOPEZ Zambrano G. Angeles C. et al.	Corrosion 2004	2004
94	Lithium fuel cells: I. Lithium/poly(organophosphazene) membrane anodes in KOH and seawater	HOMERO CASTAÑEDA LOPEZ Urquidi-Macdonald M. Cannon A.M.	ELECTROCHIMICA ACTA	2002
95	Mathematical model for chloride diffusion in reinforced concrete structures at Yucatan Peninsula, México [Modelo de difusión de cloruros en las estructuras de hormigón armado expuestas en la Península de Yucatán (México)]	HOMERO CASTAÑEDA LOPEZ Castro P. González C. et al.	REVISTA DE METALURGIA	1997

HOMERO CASTAÑEDA LOPEZ

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Electrochemical and performance testing of nano engineered-coatings based on ana presence when exposed to corrosive environment	HOMERO CASTAÑEDA LOPEZ Chiu, T.-M. Hunt, E.M. et al.	Conferenc e Paper	2016	9781510833142
2	Electrochemical and performance testing of nano engineered-coatings based on ana presence when exposed to corrosive environment	HOMERO CASTAÑEDA LOPEZ Chiu T.-M. Hunt E.M. et al.	Conferenc e Paper	2016	0978151E12
3	Electrochemical characterization of the Al-Mg foamed materials in NaCl solutions	SOCORRO DEL CARMEN VALDEZ RODRIGUEZ SAID ROBLES CASOLCO HOMERO CASTAÑEDA LOPEZ	Conferenc e Paper	2010	9780873397537
4	Novel high energy density supercapacitors	HOMERO CASTAÑEDA LOPEZ Risser S. Tan B. et al.	Conferenc e Paper	2010	9781439834152
5	Electrochemistry and corrosion behavior of different steels in ethanol-brine solutions	HOMERO CASTAÑEDA LOPEZ Hindin B.	Conferenc e Paper	2008	9781615674251



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



HOMERO CASTAÑEDA LOPEZ

PARTICIPACIÓN EN PROYECTOS

No se encuentran registros en la base de datos de SISEPRO asociados a:

HOMERO CASTAÑEDA LOPEZ



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



HOMERO CASTAÑEDA LOPEZ

PARTICIPACIÓN EN TESIS

No se encuentran registros en la base de datos de TESIUNAM asociados a:

HOMERO CASTAÑEDA LOPEZ



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



HOMERO CASTAÑEDA LOPEZ

DOCENCIA IMPARTIDA

No se encuentran registros en la base de datos de DGAE asociados a:

HOMERO CASTAÑEDA LOPEZ



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



HOMERO CASTAÑEDA LOPEZ

PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

HOMERO CASTAÑEDA LOPEZ

HOMERO CASTAÑEDA LOPEZ

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