



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



JUAN GENESCA LLONGUERAS

Datos Generales

Nombre: JUAN GENESCA LLONGUERAS

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 41 años

Nombramientos

Último: PROFESOR DE CARRERA TITULAR C TC Definitivo
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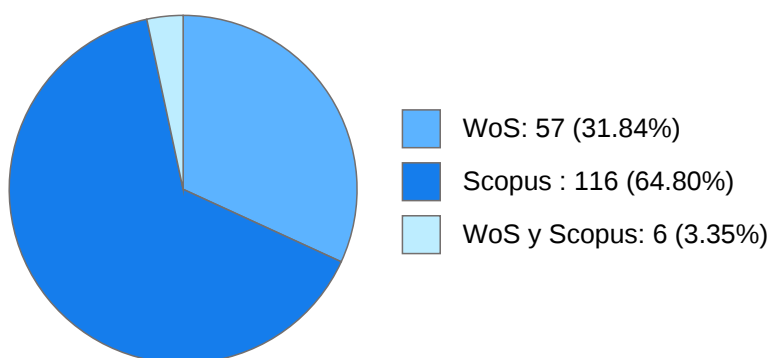
Estímulos, programas, premios y reconocimientos

SNI Emérito 2022 - 2024
SNI III 2010 - 2021
SNI II - 2009
PRIDE D - 2024
PUN Docencia en ciencias exactas 2004

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	The AA7075/CS1018 Galvanic Couple under Evaporating Droplets	JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ Montoya M.	Corrosion And Materials Degradation	2024
2	Characterization of cement mortars with regional organic and inorganic additives	JUAN GENESCA LLONGUERAS Montserrat Soria-Castro Gloria Ivonne Hernandez-Bolio et al.	RSC ADVANCES	2024
3	Influence of convection during droplet evaporation on corrosion product distribution in CFRP-AA2024 galvanic couple: Modeling and experimental approaches	FRANCISCO ANTONIO GODINEZ ROJANO JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ et al.	CORROSION SCIENCE	2024
4	The anomalous alkalinization of the electrolyte during a slight anodic polarization of Mg: A different perspective	FRANCISCO ANTONIO GODINEZ ROJANO JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ et al.	ELECTROCHIMICA ACTA	2023
5	Advances in galvanic corrosion of aluminum alloys	VICENTE ESQUIVEL PEÑA JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ et al.	ELECTROCHIMICA ACTA	2023
6	Easy and low-cost transient detection of Al(III) evolution during the galvanic corrosion of aluminum alloys	VICENTE ESQUIVEL PEÑA JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ et al.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2023

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7	A Trip to Mexico that Lasts More than 40 years. A Life Beyond Rust	JUAN GENESCA LLONGUERAS	Journal Of The Mexican Chemical Society	2023
8	The AA2024/CFRP galvanic couple under a dynamic electrolyte drop: modeling and experimental	JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ Vega J.M. et al.	ELECTROCHIMICA ACTA	2022
9	Application of Gel Electrolytes to Validate Transient Models of Galvanic Corrosion Phenomenon	VICENTE ESQUIVEL PEÑA JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ et al.	ECS Transactions	2022
10	Assessment of the galvanic corrosion of bi-metallic couple 7075-T6-aluminum alloy/microalloyed dual-phase steel	VIANEY TORRES MENDOZA RODRIGO MAYEN MONDRAGON JUAN GENESCA LLONGUERAS	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2022
11	Effect of a Fast Potential Change on the Early Stage of Zinc Passivation in a Saturated Calcium Hydroxide Solution	ARMANDO GARNICA RODRIGUEZ RODRIGO MONTOYA LOPEZ FRANCISCO JAVIER RODRIGUEZ GOMEZ et al.	Frontiers In Materials	2022
12	Glycerol and malonic acid as corrosion inhibitors as seen through the density functional theory perspective	JUAN GENESCA LLONGUERAS Luis Díaz-Ballote Luis Maldonado-Lopez et al.	JOURNAL OF THE SERBIAN CHEMICAL SOCIETY	2022
13	pH evolution around the AZ31/Steel galvanic couple under gelled-electrolytes: A numerical and experimental study	FRANCISCO ANTONIO GODINEZ ROJANO JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ et al.	CORROSION SCIENCE	2021
14	Numerical Study of Local pH Variations in a Galvanic Carbon Steel-Aluminum Alloy System under Immersion Conditions	JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ Ruiz-García A. et al.	ECS Transactions	2021
15	Experimental study of the evolution of acid fronts during galvanic corrosion of the cs/aa6063 and cs/aa7075 systems	JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ Ortiz-Ozuna A. et al.	ECS Transactions	2021
16	Estimation and mapping of the contribution of nitric acid to atmospheric corrosion of zinc	FRANCISCO JAVIER RODRIGUEZ GOMEZ JUAN GENESCA LLONGUERAS LUIS GERARDO RUIZ SUAREZ et al.	GLOBAL JOURNAL OF ENVIRONMENTAL SCIENCE AND MANAGEMENT-GJESM	2021
17	Acidification of the electrolyte during the galvanic corrosion of AA7075: A numerical and experimental study	RODRIGO MONTOYA LOPEZ ALFONSO GABRIEL RUIZ GARCIA JUAN GENESCA LLONGUERAS et al.	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2021

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18	Effect of The Free Water Content in Biodiesel On the Corrosion of Copper and AISI 1045 Steel: An Approach Using the Biodiesel/KOH-Solution Interface	JUAN GENESCA LLONGUERAS Luis Diaz-Ballote	ANALYTICAL & BIOANALYTICAL ELECTROCHEMISTRY	2021
19	Al-Zn-In Galvanic Anodes? Specifications vs. Manufacturing Process	JUAN GENESCA LLONGUERAS	MATERIALS PERFORMANCE	2021
20	Stability analysis of silver nanoparticle suspensions by cyclic voltammetry	JUAN MANUEL NAVARRETE TEJERO RODRIGO MAYEN MONDRAGON ROBERTO YSACC SATO BERRU et al.	APPLIED OPTICS	2020
21	Evaluation of the biocompatibility of a PVA/SA scaffold with a human gingival fibroblast (HGF) by using electrochemical impedance spectroscopy	MIGUEL ANGEL HERNANDEZ GALLEGOS MARCO ANTONIO ALVAREZ PEREZ JUAN GENESCA LLONGUERAS et al.	Bioelectrochemistry	2020
22	Electrochemical impedance: A new alternative to assess the soap removal from biodiesel in the washing process	JUAN GENESCA LLONGUERAS Díaz-Ballote L. Maldonado L. et al.	Fuel	2020
23	Numerical simulation of the aluminum-zinc-steel galvanic system for new designs of automotive chassis	RODRIGO MAYEN MONDRAGON JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ et al.	MATERIALS AND CORROSION-WEARSTOFFE UND KORROSION	2020
24	Electrochemical-impedance-spectra modelling by the finite element method: Time/frequency considerations	RODRIGO MAYEN MONDRAGON RODRIGO MONTOYA LOPEZ JUAN GENESCA LLONGUERAS	ECS Transactions	2019
25	Computational modeling of electrochemical systems: Activation-control vs. Mass-transport-control analysis.	RODRIGO MONTOYA LOPEZ JUAN GENESCA LLONGUERAS RODRIGO MAYEN MONDRAGON et al.	ECS Transactions	2019
26	The corrosion products in a carbon steel/aluminum alloy galvanic couple under thin electrolyte films: An efficient model	RODRIGO MAYEN MONDRAGON JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ et al.	ELECTROCHEMISTRY COMMUNICATIONS	2019
27	The steel-aluminum galvanic system under thin electrolyte films: Simulation and validation	RODRIGO MAYEN MONDRAGON JUAN GENESCA LLONGUERAS RODRIGO MONTOYA LOPEZ et al.	ECS Transactions	2019
28	Fe-Al galvanic pair revisited. The combined mathematical-modeling and localized-electrochemical-impedance-spectroscopy approach	RODRIGO MONTOYA LOPEZ JUAN GENESCA LLONGUERAS Borrego A. et al.	NACE - International Corrosion Conference Series	2018

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29	Role of turbulent flow seawater in the corrosion enhancement of an Al-Zn-Mg alloy: An electrochemical impedance spectroscopy (EIS) analysis of oxygen reduction reaction (ORR)	GONZALO GALICIA AGUILAR RODRIGO MAYEN MONDRAGON JUAN GENESCA LLONGUERAS et al.	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-J MR&T	2018
30	Assessment of the effects of acetic acid and turbulent flow conditions on the corrosion of API 5L X52 steel in aqueous CO2 solutions	FRANCISCO JAVIER RODRIGUEZ GOMEZ JUAN GENESCA LLONGUERAS Olvera-Martínez M.E. et al.	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2018
31	Computational Modeling of Electroosmotic Flow within a Slit Channel: Implementation Hints and Analysis of Boundary Conditions	RODRIGO MAYEN MONDRAGON RODRIGO MONTOYA LOPEZ JUAN GENESCA LLONGUERAS	ECS Transactions	2018
32	On the roadway to improving an alternative route for the fabrication of solid oxide fuel cells by electrophoretic impregnation/deposition: The modeling approach	RODRIGO MAYEN MONDRAGON JUAN GENESCA LLONGUERAS	ECS Transactions	2017
33	Study of the electrochemical behavior of a Ti6Al4V alloy modified by heat treatments and chemical conversion	JOSE FERNANDO FLORES ALVAREZ FRANCISCO JAVIER RODRIGUEZ GOMEZ EDGAR ONOFRE BUSTAMANTE et al.	SURFACE & COATINGS TECHNOLOGY	2017
34	Copper Corrosion Under Non-uniform Magnetic Field in 0.5 M Hydrochloric Acid	JUAN GENESCA LLONGUERAS García-Ochoa, E. Corvo, F. et al.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2017
35	CO2 corrosion control in steel pipelines. Influence of turbulent flow on the performance of corrosion inhibitors	Maria Elena OlveraMartinez Juan MendozaFlores JUAN GENESCA LLONGUERAS	JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES	2015
36	Characterization of the Protective Properties of Hydrotalcite on Hybrid Organic-Inorganic Sol-Gel Coatings	MIGUEL ANGEL HERNANDEZ GALLEGOS ALBA COVELO VILLAR JUAN GENESCA LLONGUERAS et al.	CORROSION	2014
37	Electrochemical noise study on corrosion of low carbon pipeline steel in sour solutions	JUAN GENESCA LLONGUERAS Galván-Martínez R. Orozco-Cruz R. et al.	Advanced Materials Research	2014
38	Electrochemical noise study on corrosion of low carbon pipeline steel in sour solutions	JUAN GENESCA LLONGUERAS Galván-Martínez R. Orozco-Cruz R. et al.	Materials Science Forum	2014

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39	Effects of turbulent flow on the corrosion inhibition properties of 2-mercaptobenzimidazole	M. E. Olvera Martinez FRANCISCO JAVIER RODRIGUEZ GOMEZ JUAN GENESCA LLONGUERAS et al.	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2013
40	Corrosion study of pipeline carbon steel in sour brine under turbulent flow conditions at 60 degrees C	RICARDO OROZCO CRUZ JUAN GENESCA LLONGUERAS Galvan-Martinez, R. et al.	Afinidad	2013
41	Analysis of the Infiltration of Chloride Ions into Concrete Samples and Its Role in the Corrosion Onset of Embedded Steel Rebars	JOSE TRINIDAD PEREZ QUIROZ JUAN GENESCA LLONGUERAS Perez Lopez, T. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMI CAL SCIENCE	2012
42	Formation of iron-carbonate scale-layer and corrosion mechanism of API X70 pipeline steel in carbon dioxide-saturated 3% sodium chloride	JOSE MANUEL HERNANDEZ ALCANTARA ROSARIO ADELAIDA MUÑOZ CLARES JUAN GENESCA LLONGUERAS	Afinidad	2012
43	Evaluation of atmospheric corrosion in Orizaba, Mexico	JUAN GENESCA LLONGUERAS Ramírez-Reyes J.L. Uruchurtu-Chavarrín J. et al.	ATMOSFERA	2012
44	Using the right side of Poisson's equation to save on numerical calculations in FEM simulation of electrochemical systems	RODRIGO MONTOYA LOPEZ JUAN GENESCA LLONGUERAS Galvan, J. C.	CORROSION SCIENCE	2011
45	Influence of Calcareous Deposits on Galvanic CP Seawater	JUAN GENESCA LLONGUERAS Solis, J. L.	MATERIALS PERFORMANCE	2011
46	Review the performance of cathodic protection by thermal spraying of zinc in reinforced concrete structures exposed in natural seawater	M. R. Sosa Baz JUAN GENESCA LLONGUERAS Perez-Lopez, T. et al.	Afinidad	2011
47	Effect of flow on the corrosion mechanism of Zn and Al galvanic anodes in artificial seawater media	JUAN GENESCA LLONGUERAS Quevedo M.C. Garcia V.	NACE - International Corrosion Conference Series	2011
48	Electrochemical evaluation of corrosion inhibitors in CO2 containing brines. An RCE and flow-loop comparison	JUAN GENESCA LLONGUERAS Olalde R. Garnica A. et al.	NACE - International Corrosion Conference Series	2010
49	Electrochemical evaluation of corrosion inhibitors in CO2 containing brines. An REC and flow-loop comparison	JUAN GENESCA LLONGUERAS Olalde R. Garnica A. et al.	NACE - International Corrosion Conference Series	2010

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50	Electrochemical evaluation of patinas formed on nineteenth century bronze bells	FAUSTO ULISES RODRIGUEZ ACUÑA JUAN GENESCA LLONGUERAS Uruchurtu, J.	JOURNAL OF APPLIED ELECTROCHEMISTRY	2010
51	Laboratory corrosion investigation of some CP criteria	JUAN GENESCA LLONGUERAS Lopez-Baltazar E.	NACE – International Corrosion Conference Series	2009
52	Correlation between electrochemical impedance and noise measurements of waterborne coatings	MIGUEL ANGEL HERNANDEZ GALLEGOS JUAN GENESCA LLONGUERAS ARTURO BARBA PINGARRON et al.	CORROSION SCIENCE	2009
53	Influence of turbulent flow on the corrosion of Al-Zn-Mg galvanic anode in artificial seawater media	M. C. Quevedo JUAN GENESCA LLONGUERAS	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2009
54	Kinetics and Dissolution Mechanism of an Alloy (90%Cu10%Ni) in a Concentrated Solution of Lithium Bromide	EDGAR MARTINEZ MEZA JUAN GENESCA LLONGUERAS Uruchurtu Chavarin, J.	CORROSION	2009
55	Characterization of cerium-based conversion coatings for corrosion protection of AISI-1010 commercial carbon steel	EDGAR ONOFRE BUSTAMANTE A. Olvera Martinez JUAN GENESCA LLONGUERAS et al.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2009
56	Electrochemical evaluation of aminotriazole corrosion inhibitor under flow conditions	ARMANDO GARNICA RODRIGUEZ JUAN GENESCA LLONGUERAS Mendoza-Flores, Juan et al.	JOURNAL OF APPLIED ELECTROCHEMISTRY	2009
57	Effect of flow and a triazole derivative based inhibitor on the corrosion of API X52 pipeline steel grade in CO2 saturated brine solution	JUAN GENESCA LLONGUERAS Olalde R.	ECS Transactions	2009
58	EIS monitoring of cathodic protection of steel reinforced concrete enhanced by humectants	JUAN GENESCA LLONGUERAS Del Valle-Moreno A. Torres-Acosta A. et al.	ECS Transactions	2009
59	Effect of calcareous deposit formation on galvanic anode cathodic protection of steel in seawater	JUAN GENESCA LLONGUERAS Solis J.L.	NACE – International Corrosion Conference Series	2009
60	Effect of flow on the electrochemical behavior of Zn galvanic anodes in artificial seawater media	JUAN GENESCA LLONGUERAS Garcia-Roldan V.	ECS Transactions	2008

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61	Flow-induced corrosion of Al-Zn-Mg galvanic anodes in seawater	JUAN GENESCA LLONGUERAS Quevedo M.C.	NACE – International Corrosion Conference Series	2008
62	Effect of Mg addition on the δ phase distribution of an AlMn alloys modified with zinc	SOCORRO DEL CARMEN VALDEZ RODRIGUEZ JUAN GENESCA LLONGUERAS BERNARDO FABIAN CAMPILLO ILLANES et al.	MATERIALS LETTERS	2008
63	Assessment of stainless steel reinforcement for concrete structures rehabilitation	J. T. Perez Quiroz JUAN GENESCA LLONGUERAS Teran, J. et al.	JOURNAL OF CONSTRUCTION AL STEEL RESEARCH	2008
64	The influence of <i>Desulfovibrio vulgaris</i> on the efficiency of imidazoline as a corrosion inhibitor on low-carbon steel in seawater	CARLOS ALBERTO GONZALEZ RODRIGUEZ FRANCISCO JAVIER RODRIGUEZ GOMEZ JUAN GENESCA LLONGUERAS	ELECTROCHIMIC A ACTA	2008
65	Effect of turbulent flow on the anodic and cathodic kinetics of API X52 steel corrosion in H ₂ S containing solutions. A rotating cylinder electrode study	JUAN GENESCA LLONGUERAS Galvan-Martinez R. Mendoza-Flores J. et al.	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2007
66	Electrochemical behavior of an API x70 pipeline steel in CO ₂ saturated NaCl solution	JUAN GENESCA LLONGUERAS Muñoz A. Hernandez J.	Afinidad	2007
67	Electrochemical behavior of API X70 steel in hydrogen sulfide-containing solutions	JUAN GENESCA LLONGUERAS Arzola S. Mendoza-Flores J. et al.	CORROSION	2006
68	Electrochemical noise study on the corrosion of magnesium galvanic anodes in NaCl and CaSO ₄ -Mg(OH) ₂ solutions	JUAN GENESCA LLONGUERAS Guadarrama F. Duran R. et al.	NACE – International Corrosion Conference Series	2006
69	Electrochemical study on magnesium anodes in NaCl and CaSO ₄ -Mg(OH) ₂ aqueous solutions	JUAN GENESCA LLONGUERAS Guadarrama-Muñoz F. Mendoza-Flores J. et al.	ELECTROCHIMIC A ACTA	2006
70	Comparison of electrochemical techniques during the corrosion of X52 pipeline steel in the presence of sulfate reducing bacteria (SRB)	JUAN GENESCA LLONGUERAS Galvan-Martinez R. Garcia-Caloca G. et al.	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2005
71	Mathematical simulation of a cathodic protection system by finite element method	JUAN GENESCA LLONGUERAS Montoya R. Rendón O.	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2005

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72	The effect of H ₂ S concentration on the corrosion behavior of API 5L X-70 steel	JUAN GENESCA LLONGUERAS Arzola S.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2005
73	Rotating cylinder electrode study on the influence of turbulent flow, on the anodic and cathodic kinetics of X52 steel corrosion, in H ₂ S containing solutions	JUAN GENESCA LLONGUERAS Galván-Martínez R. Mendoza-Flores J. et al.	Afinidad	2005
74	Electrochemical characteristics of Al-Zn-Mg alloys as sacrificial anodes in sea water	JUAN GENESCA LLONGUERAS JULIO ALBERTO JUAREZ ISLAS Orozco R. et al.	NACE - International Corrosion Conference Series	2005
75	Experimental and theoretical study of 1-(2-ethylamino)-2-methylimidazoline as an inhibitor of carbon steel corrosion in acid media	JULIAN CRUZ BORBOLLA JUAN GENESCA LLONGUERAS R Martinez et al.	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2004
76	Electrochemical noise study on the corrosion of X52 pipeline steel in aqueous solutions containing H ₂ S	JUAN GENESCA LLONGUERAS Galvan-Martinez R. Mendoza-Flores J. et al.	Nace Meeting Papers	2004
77	Rotating cylinder electrode study on the influence of turbulent flow, on the anodic and cathodic kinetics of X52 steel corrosion, in H ₂ S containing solutions	JUAN GENESCA LLONGUERAS Galvan-Martinez R. Mendoza-Flores J. et al.	Nace Meeting Papers	2004
78	Effects of turbulent flow on the corrosion kinetics of X52 pipeline steel in aqueous solutions containing H ₂ S	JUAN GENESCA LLONGUERAS Galvan-Martinez R. Mendoza-Flores J. et al.	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2004
79	Influence of turbulent flow on the corrosion kinetics of API X52 pipeline steel in aqueous solutions containing H ₂ S	JUAN GENESCA LLONGUERAS Galvan-Martinez R. Mendoza-Flores J. et al.	Eurocorr 2004 - European Corrosion Conference: Long Term Prediction And Modelling Of Corrosion	2004
80	Understanding the inhibiting properties of 3-amino-1,2,4-triazole from fractal analysis	JUAN GENESCA LLONGUERAS García-Ochoa E.	SURFACE & COATINGS TECHNOLOGY	2004
81	Cyclic voltammetry and dielectric studies on PbS-potassium ethyl xanthate-dextrine system under flotation and depression conditions	JUAN GENESCA LLONGUERAS Huerta-Cerdán A. De la Rosa J.M. et al.	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	2003

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82	Corrosion and protection of API-X52 steel in oil media [Corrosión y protección de un acero API-X52 en crudo de petróleo]	JUAN GENESCA LLONGUERAS Vásquez R. Hazan L. et al.	Afinidad	2003
83	Effect of resistivity on the corrosion mechanism of mild steel in sodium sulfate solutions	JUAN GENESCA LLONGUERAS Arzola S. Palomar-Pardavé M.E.	JOURNAL OF APPLIED ELECTROCHEMIS TRY	2003
84	Comparison of electrochemical noise and wire-on-screw technique in simulated marine atmospheres	JUAN GENESCA LLONGUERAS García-Ochoa E. Ramírez R. et al.	CORROSION	2002
85	Simulation of a cathodic protection system by the finite differences method [Simulación de un sistema de protección catódica por el método de diferencias finitas]	JUAN GENESCA LLONGUERAS Amador J.	Afinidad	2002
86	Electrochemical characterization of an Al-Zn-In galvanic anode	JUAN GENESCA LLONGUERAS Hernandez M.A. Uruchurtu J.	NACE - International Corrosion Conference Series	2002
87	Practical experience with buried stainless steel pipelines	JUAN GENESCA LLONGUERAS Soldevila J. Nouel V.N.	NACE - International Corrosion Conference Series	2002
88	Application of electrochemical noise technique in simulated marine atmospheres	MIGUEL ANGEL HERNANDEZ GALLEGOS JUAN GENESCA LLONGUERAS Ramirez R. et al.	NACE - International Corrosion Conference Series	2001
89	Development and testing of aluminum sacrificial anodes In/Hg free	MARCO ANTONIO TALAVERA ROSALES SOCORRO DEL CARMEN VALDEZ RODRIGUEZ JULIO ALBERTO JUAREZ ISLAS et al.	NACE - International Corrosion Conference Series	2001
90	Electrochemical ac and dc response of copper in sea water at different anodic potentials	JUAN GENESCA LLONGUERAS García E. Uruchurtu J.	BRIT CORROS J	2001
91	Influence of marine micro-climates on carbonation of reinforced concrete buildings	JUAN GENESCA LLONGUERAS Castro P. Moreno E.I.	CEMENT CONCRETE RES	2000

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92	EIS and electrochemical noise study of anodic passivation of palladium in alkaline medium [Estudio por impedancia y ruido electroquímico de la pasivación anódica del paladio en medio alcalino]	JUAN GENESCA LLONGUERAS García-Ochoa E.M.	REVISTA DE METALURGIA	2000
93	Carbonation of concretes in the Mexican Gulf	JUAN GENESCA LLONGUERAS Castro P. Sanjuán M.A.	BUILDING AND ENVIRONMENT	2000
94	EIS measurements on cathodically protected steel in concrete	MARCO ANTONIO TALAVERA ROSALES JUAN GENESCA LLONGUERAS Perez T. et al.	NACE - International Corrosion Conference Series	2000
95	Assessing of three industrial paint coatings by Electrochemical Noise	JUAN GENESCA LLONGUERAS García E. Rodríguez F.J. et al.	NACE - International Corrosion Conference Series	1998
96	Evaluation of a polymeric concrete by Electrochemical Noise	JUAN GENESCA LLONGUERAS García E.	NACE - International Corrosion Conference Series	1998
97	Pitting corrosion process of nickel in seawater. II. Dynamic analysis	JUAN GENESCA LLONGUERAS García E. Uruchurtu J.	Afinidad	1998
98	Electrochemical testing of galvanic anodes	JUAN GENESCA LLONGUERAS Betancourt L. Jerade L. et al.	Materials Science Forum	1998
99	Dielectric studies on PbS-KEX-K ₂ Cr ₂ O ₇ system under flotation conditions	JUAN GENESCA LLONGUERAS Huerta Antonio Solis Armando	Tms Annual Meeting	1997
100	Pitting corrosion process of nickel in seawater. I. Electrochemical analysis [Corrosión por picaduras del níquel en agua de mar. I. Análisis electroquímico]	JUAN GENESCA LLONGUERAS García E. Uruchurtu J.	Afinidad	1997
101	Eis study of different paint coatings for potable water systems	JUAN GENESCA LLONGUERAS Rodríguez F.J.	NACE - International Corrosion Conference Series	1997
102	Armor corrosion monitoring of a submarine AC cable	JUAN GENESCA LLONGUERAS Pérez T. Lara C.	NACE - International Corrosion Conference Series	1997

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103	Electrochemical Behavior of a Magnesium Galvanic Anode under ASTM Test Method G 97-89 Conditions	JUAN GENESCA LLONGUERAS Betencourt L. Rodríguez C.	MATER ORGANISMEN	1996
104	Characterization of Activated Titanium Solid Reference Electrodes for Corrosion Testing of Steel in Concrete	JUAN GENESCA LLONGUERAS Castro P. Sagüés A.A. et al.	MATER ORGANISMEN	1996
105	An improvement of the anodic efficiency of commercial Mg anodes	CLAUDIA RODRIGUEZ RANGEL JULIO ALBERTO JUAREZ ISLAS JUAN GENESCA LLONGUERAS et al.	NACE – International Corrosion Conference Series	1996
106	Evaluation of an electrolytic alloy of Ni-Co-B as a high resistance coating	CLAUDIA RODRIGUEZ RANGEL JUAN GENESCA LLONGUERAS Campillo B. et al.	NACE – International Corrosion Conference Series	1996
107	Electrochemical Behavior of a Magnesium Galvanic Anode under ASTM Test Method G 97-89 Conditions	JUAN GENESCA LLONGUERAS Betancourt L. Rodríguez C.	CORROSION	1996
108	Characterization of Activated Titanium Solid Reference Electrodes for Corrosion Testing of Steel in Concrete	JUAN GENESCA LLONGUERAS Castro P. Sagüés A.A. et al.	CORROSION	1996
109	Oscillatory dynamics of the pitting corrosion of copper in sea water [Dinámica oscilatoria del proceso de corrosión por picaduras del cobre en agua de mar]	JUAN GENESCA LLONGUERAS García E. Uruchurtu J.	Afinidad	1996
110	Multidisciplinary approach for the study of the deterioration of the Juan O'Gorman's mosaic murals covering the central library building of the Universidad Nacional Autónoma de México (Unam), in Mexico City	JUAN GENESCA LLONGUERAS MANUEL REYES GARCIA Gomez-Urquiza de la Macorra Mercedes et al.	Materials Research Society Symposium Proceedings	1995
111	Mechanism and corrosion kinetics study of the alloy Zn-22Al-1 Cu in NaCl solutions [Estudio del mecanismo y de la cinética de corrosión de la aleación Zn-22Al-1Cu en soluciones de NaCl]	JUAN GENESCA LLONGUERAS Lara J.	REVISTA DE METALURGIA	1990
112	Anodic formation of O ₂ on Pb-Ca electrodes in CuSO ₄ acidic solutions [Formación anódica de O ₂ sobre electrodos de Pb-Ca en soluciones ácidas de CuSO ₄]	JUAN GENESCA LLONGUERAS Sanchez V.M.	REVISTA DE METALURGIA	1988

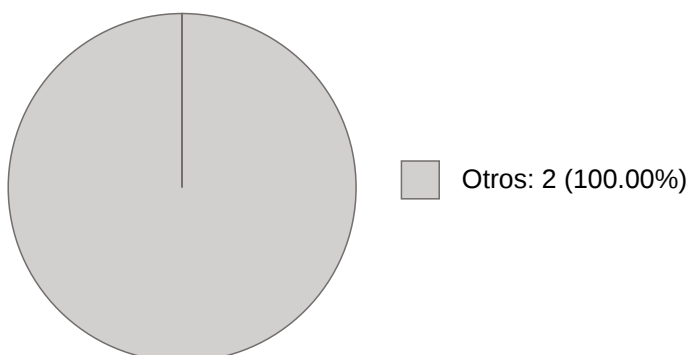
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113	The effect of Cl ⁻ on the kinetics of the anodic dissolution of Pd in H ₂ SO ₄ solutions	JUAN GENESCA LLONGUERAS Durán R.	ELECTROCHIMICA ACTA	1987
114	THE ELECTRODISSOLUTION KINETICS OF PALLADIUM.	JUAN GENESCA LLONGUERAS Víctori Lluís	PLATIN MET REV	1986
115	ELECTROSORPTION CHARACTERISTICS OF PALLADIUM-GOLD SYSTEM.	LEONEL SUSANO COTA ARAIZA JUAN GENESCA LLONGUERAS Gamboa M.E. et al.	Extended Abstracts, Meeting - International Society Of Electrochemistr y	1984
116	ELECTROSORPTION CHARACTERISTICS OF THIN LAYERS OF GOLD DEPOSITED ON PALLADIUM SUBSTRATE.	JUAN GENESCA LLONGUERAS Gamboa Maria Eugenia Silvia Tejada	Electrochemica l Society Extended Abstracts	1983
117	Estudio geoquímico en la zona minera de 'El Entredicho', Almaden (Ciudad Real).	JUAN GENESCA LLONGUERAS De Bru De Sala E. Alvarez Perez A.	Boletin De La Sociedad Espanola De Mineralogia	1982

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Effect of the turbulent flow on the process of corrosion for CO ₂ and the determination of the efficiency of inhibiting corrosion	JUAN JOSE MENDOZA FLORES JUAN GENESCA LLONGUERAS M. E. Olvera-Martinez et al.	Article	2013	9788494023477
2	Corrosion behavior of API 5L X-52 line pipe steel in CO ₂ (aq) and cr (aq) solutions in presence of aminotriazole based inhibitor under hydrodynamic conditions	JUAN GENESCA LLONGUERAS Olalde R.	Conferenc e Paper	2009	9781615677962



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Reporte individual



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PARTICIPACIÓN EN PROYECTOS

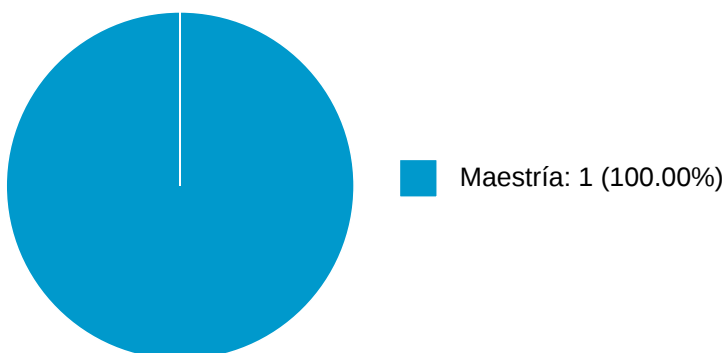
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

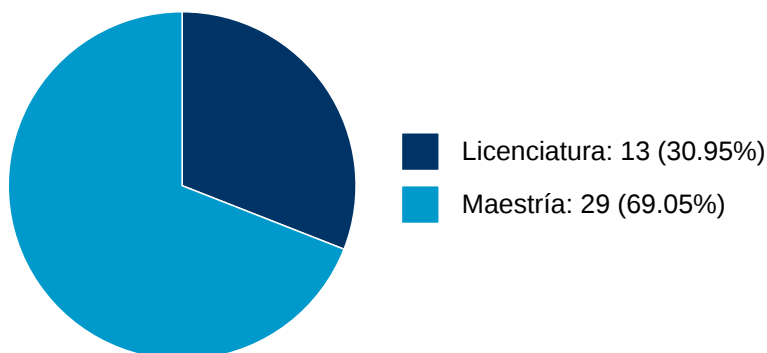


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Cinetica catodica y de corrosion de acero al carbon en medios amargos	Tesis de Maestría	JUAN GENESCA LLONGUERAS,	Reyes Barragan, José Luis,		2002

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	ACTIVIDADES ACADÉMICAS ORIENTADAS A LA GRADUACIÓN	Facultad de Química	1	2024-2
2	Maestría	SESIÓN DE TUTORÍA III	Facultad de Química	1	2024-1
3	Maestría	SESIÓN DE TUTORÍA IV	Facultad de Química	1	2024-1
4	Maestría	TALLER DE INVESTIGACIÓN	Facultad de Química	1	2024-1
5	Maestría	MECANISMOS DE LOS PROCESOS DE CORROSIÓN Y TÉCNICAS AVANZADAS PARA SU ESTUDIO	Facultad de Química	6	2023-2
6	Maestría	FUNDAMENTOS DE CORROSIÓN	Facultad de Química	2	2023-1
7	Maestría	TEMAS SELECTOS DE CORROSIÓN	Facultad de Química	1	2022-2
8	Maestría	SESIÓN DE TUTORÍA III	Facultad de Química	1	2022-1
9	Maestría	SESIÓN DE TUTORÍA IV	Facultad de Química	1	2022-1
10	Maestría	TALLER DE INVESTIGACIÓN	Facultad de Química	1	2022-1
11	Maestría	FUNDAMENTOS DE CORROSIÓN	Facultad de Química	2	2022-1
12	Maestría	SESIÓN DE TUTORÍA II	Facultad de Química	1	2021-2
13	Maestría	PROYECTO DE INVESTIGACIÓN I	Facultad de Química	1	2021-2
14	Maestría	SEMINARIO DE INVESTIGACIÓN I	Facultad de Química	1	2021-1
15	Maestría	SESIÓN DE TUTORÍA I	Facultad de Química	1	2021-1
16	Maestría	FUNDAMENTOS DE CORROSION	Facultad de Química	1	2019-1
17	Maestría	FUNDAMENTOS DE CORROSION	Facultad de Química	1	2018-2
18	Maestría	PROYECTO DE INVESTIGACION III	Facultad de Ingeniería	1	2013-2
19	Maestría	PROYECTO DE INVESTIGACION I	Facultad de Ingeniería	1	2013-1
20	Maestría	PROYECTO DE INVESTIGACION II	Facultad de Ingeniería	1	2012-2

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21	Licenciatura	FUNDAMENTOS DE PROCESADO ELECTROM.	Facultad de Química	37	2010-2
22	Licenciatura	PROYECTO	Facultad de Química	1	2010-1
23	Licenciatura	PROCESOS CORROSION ELECTROM.	Facultad de Química	1	2010-1
24	Licenciatura	FUNDAMENTOS DE PROCESADO ELECTROM.	Facultad de Química	33	2010-1
25	Licenciatura	PROCESOS CORROSION ELECTROM.	Facultad de Química	1	2009-2
26	Licenciatura	ELECTROQUIMICA	Facultad de Química	1	2009-2
27	Licenciatura	FUNDAMENTOS DE PROCESADO ELECTROM.	Facultad de Química	36	2009-2
28	Licenciatura	PROYECTO	Facultad de Química	1	2009-2
29	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2009-1
30	Licenciatura	FUNDAMENTOS DE PROCESADO ELECTROM.	Facultad de Química	28	2009-1
31	Licenciatura	ELECTROQUIMICA	Facultad de Química	5	2009-1
32	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2009-1
33	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2008-2
34	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2008-2
35	Licenciatura	FUNDAMENTOS DE PROCESADO ELECTROM.	Facultad de Química	29	2008-2
36	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	6	2008-2
37	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	2	2008-1
38	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	5	2008-1
39	Maestría	MECANISMOS DE LOS PROCESOS DE CORROSION Y TECNICAS AVANZADAS PARA SU ESTUDIO	Facultad de Química	3	2008-1
40	Licenciatura	PROYECTO	Facultad de Química	3	2008-1
41	Licenciatura	PROCESOS CORROSION ELECTROM.	Facultad de Química	3	2008-1
42	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2008-1



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PATENTES

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

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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