



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



JORGE ANTONIO ASCENCIO GUTIERREZ

Datos Generales

Nombre: JORGE ANTONIO ASCENCIO GUTIERREZ

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Nombramientos

Último: INVESTIGADOR TITULAR B TC No Definitivo
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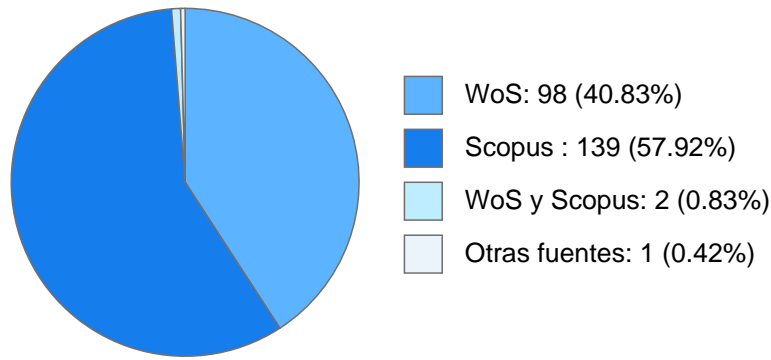
Estímulos, programas, premios y reconocimientos

SNI III 2013 - 2022
SNI II 2009 - 2012
PRIDE C 2009 - 2016

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Iterative noise removal from temperature and density profiles in the TJ-II Thomson scattering	JORGE ANTONIO ASCENCIO GUTIERREZ Farias G. Dormido-Canto S. et al.	FUSION ENGINEERING AND DESIGN	2014
2	Electrochemical Study of Ni20Cr Coatings Applied by HVOF Process in ZnCl2-KCl at High Temperatures	J. Porcayo Calderon MAURA CASALES DIAZ JORGE ANTONIO ASCENCIO GUTIERREZ et al.	JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY	2014
3	Effect of the Diesel, Inhibitor, and CO2 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
4	The oxidation of matrix composite AlMg reinforcement with SiC	SOCORRO DEL CARMEN VALDEZ RODRIGUEZ JORGE ANTONIO ASCENCIO GUTIERREZ SAID ROBLES CASOLCO et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2014
5	Formation and characterization of porous silicon?samarium/gadolinium nanocomposites: effect of substrate oxidation and biosynthesis process	P. Perdigon Lagunes JORGE ANTONIO ASCENCIO GUTIERREZ Agarwal, V.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2014

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6	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
7	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
8	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
9	Strategies for specifically directing metal functionalization of protein nanotubes: Cnstructing protein coated silver nanowires	Liliana Carreno Fuentes JORGE ANTONIO ASCENCIO GUTIERREZ SERGIO ANDRES AGUILA PUENTES et al.	Nanotechnolog y	2013
10	Theoretical study on small clusters of BaTiO ₃ using DFT calculations	JORGE ANTONIO ASCENCIO GUTIERREZ Salazar-Villanueva, M. Bautista Hernandez, A. et al.	MOLECULAR SIMULATION	2013
11	Structural characterization of rotavirus-directed synthesis and assembly of metallic nanoparticle arrays	German Plascencia Villa LAURA ALICIA PALOMARES AGUILERA OCTAVIO TONATIUH RAMIREZ REIVICH et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2013
12	Effect of Silver Composition on Electrochemical Degradation of AlZn Alloy	SOCORRO DEL CARMEN VALDEZ RODRIGUEZ JORGE ANTONIO ASCENCIO GUTIERREZ SAID ROBLES CASOLCO et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2013
13	Production of silver nanowires inside rotavirus VP6 tubes	Liliana Carreno Fuentes JORGE ANTONIO ASCENCIO GUTIERREZ LAURA ALICIA PALOMARES AGUILERA et al.	Abstracts Of Papers Of The American Chemical Society	2013
14	Corrosion Assessment and CP Design for a Large Dry Dock in the Gulf of Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ Rivera, Hernan Godoy Simon, Arturo et al.	MATERIALS PERFORMANCE	2012
15	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

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16	Evaluation of the corrosion inhibition by a coco-modified imidazoline in CO 2-H 2S	MAURA CASALES DIAZ JORGE ANTONIO ASCENCIO GUTIERREZ LORENZO MARTINEZ GOMEZ et al.	NACE - International Corrosion Conference Series	2012
17	Inspection, diagnosis, materials and processing methods to repair the commercial deck in Puerto Quetzal Guatemala	JORGE ANTONIO ASCENCIO GUTIERREZ Maya E. Martínez L. et al.	NACE - International Corrosion Conference Series	2011
18	Likelihood evaluation of pipelines corrosion in the Mexican soil assisted by geographic information systems	JORGE ANTONIO ASCENCIO GUTIERREZ Godoy A. De Silva-Munoz L. et al.	NACE - International Corrosion Conference Series	2011
19	Development of devices to prevent vandalism over cathodic protection components in social conflicted regions	JORGE ANTONIO ASCENCIO GUTIERREZ Canto J. Martinez-Dela-Escalera L.M. et al.	NACE - International Corrosion Conference Series	2011
20	Development of a system of electrodes for reading consents-activity of an amputated leg (above the knee) and its prosthesis application	JORGE ANTONIO ASCENCIO GUTIERREZ Soto E. Gonzalez M. et al.	Lecture Notes in Computer Science	2011
21	Treatment of Parkinson's disease: nanostructured sol-gel silica-dopamine reservoirs for controlled drug release in the central nervous system	JORGE ANTONIO ASCENCIO GUTIERREZ PATRICIA QUINTANA OWEN Lopez, Tessy et al.	INTERNATIONAL JOURNAL OF NANOMEDICINE	2011
22	CASE HISTORY Delamination Failure in a Three-Layer Coating on a 24-in Gas Pipeline	JORGE ANTONIO ASCENCIO GUTIERREZ Fernandez-Lagos, E. Maso-Mortera, J. et al.	MATERIALS PERFORMANCE	2010
23	Study of Fluorescence of Yttrium Doped Zinc Sulfide Nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ Gayou, V. L. Salazar-Hernandez, B. et al.	JOURNAL OF NANO RESEARCH	2010
24	Structural Stability and Thermal Transformation of Pt-Sn Bimetallic Nano Clusters	JORGE ANTONIO ASCENCIO GUTIERREZ Liu, Hongbo	JOURNAL OF NANO RESEARCH	2010
25	Study of a delamination failure in a three layer coating of a 24" gas pipeline in Veracruz, South East Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ Lagos F.F. Magaña C.S. et al.	NACE - International Corrosion Conference Series	2010

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26	Manganese absorption by water hyacinth and its study as a raw material in nanotechnology	JORGE ANTONIO ASCENCIO GUTIERREZ Jiménez-Moleón M.C. Mota-González M.T.	WIT Transactions on Ecology and the Environment	2010
27	Numerical modeling of cathodic protection system looking for present condition evaluation and improvement of pipeline network at Manzanillo, Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ Godoy A. Ramírez R. et al.	NACE - International Corrosion Conference Series	2010
28	Engineering the rehabilitation of reinforced concrete structures in gas and fuel oil distribution docks of the Pacific Coast of Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ Canto J. Maya E. et al.	NACE - International Corrosion Conference Series	2010
29	Numerical modeling for CP diagnosis and solutions to interference problems in shore fuel oil and gas pipeline networks in the Pacific Coast of Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ Godoy A. Canto J. et al.	NACE - International Corrosion Conference Series	2010
30	Diagnosis, numerical modeling and development of the cathodic protection refurbishing of the metal sheet piling of the docks of quetzal marine terminal in guatemala	JORGE ANTONIO ASCENCIO GUTIERREZ Martinez-Dela-Escalera L.M. Alvarez O. et al.	NACE - International Corrosion Conference Series	2010
31	Guided waves methodology application in the analysis of pipeline integrity of docks along Pacific coast and Mexico Gulf	JORGE ANTONIO ASCENCIO GUTIERREZ Rivera H. Mares C. et al.	NACE - International Corrosion Conference Series	2010
32	Guided waves methodology application in the analysis of pipeline integrity of docks along Pacific Coast and Mexico Gulf	JORGE ANTONIO ASCENCIO GUTIERREZ Rivera H. Mares C. et al.	NACE - International Corrosion Conference Series	2010
33	Study of a delamination failure in a three layer coating of a 24" gas pipeline in Veracruz, South East Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ Fernandez Lagos F. Sanchez Magaña C. et al.	NACE - International Corrosion Conference Series	2010

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34	Numerical modeling for cp diagnosis and solutions to interference problems in shore fuel oil and gas pipeline networks in the Pacific Coast of Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ Godoy A. Canto J. et al.	NACE - International Corrosion Conference Series	2010
35	Numerical modeling of cathodic protection system looking for present condition evaluation and improvement of pipeline network at Manzanillo, Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ Godoy A. Ramírez R. et al.	NACE - International Corrosion Conference Series	2010
36	Engineering the rehabilitation of reinforced concrete structures in gas and fuel oil distribution docks of the Pacific Coast of Mexico	JORGE ANTONIO ASCENCIO GUTIERREZ Canto J. Maya E. et al.	NACE - International Corrosion Conference Series	2010
37	INFLuence of ni addition on corrosion behavior of steels for deepwater applications.	RODRIGO ALONSO ESPARZA MUÑOZ ANDRES AGUILAR NEGRETE MAURA CASALES DIAZ et al.	NACE - International Corrosion Conference Series	2009
38	SEM and HRTEM analysis of ZnS nanoflakes produced by a simple route	G. Zavala PATRICIA SANTIAGO JACINTO JORGE ANTONIO ASCENCIO GUTIERREZ et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2009
39	Analysis of Ag Nanoparticles Synthesized by Bioreduction	RAUL HERRERA BECERRA JORGE ANTONIO ASCENCIO GUTIERREZ Tavera-Davila, L. et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2009
40	Small Bimetallic (Pt/Pd) Particles by Biosynthesis: Transmission Electron Microscopy and Quantum Mechanical Analysis	RAUL HERRERA BECERRA MARIA CRISTINA ZORRILLA CANGAS PABLO SAMUEL SCHABES RETCHKIMAN et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2009
41	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
42	Structural determination and Rietveld refinement of BaXTiYOZ subspecies	ANTONIO MORALES ESPINO MARIA CRISTINA ZORRILLA CANGAS JORGE ANTONIO ASCENCIO GUTIERREZ et al.	REVISTA MEXICANA DE FISICA	2009

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43	Production and characterization of niobium and titanium microalloyed steels	ISMELI ALFONSO LOPEZ JORGE ANTONIO ASCENCIO GUTIERREZ Bejar-Gomez, L. et al.	REVISTA MEXICANA DE FISICA	2009
44	Intermetallic formation in dissimilar friction welds with a silver interlayer	ISMELI ALFONSO LOPEZ JORGE ANTONIO ASCENCIO GUTIERREZ Maldonado, C. et al.	REVISTA MEXICANA DE FISICA	2009
45	Properties of Mechanochemically Synthesized ZnS Nanoparticles	VELUMANI SUBRAMANIAM JORGE ANTONIO ASCENCIO GUTIERREZ Dutkova, E. et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOL OGY	2009
46	Use of Recombinant Rotavirus VP6 Nanotubes as a Multifunctional Template for the Synthesis of Nanobiomaterials Functionalized With Metals	German Plascencia Villa JOSE MANUEL SANIGER Blesa JORGE ANTONIO ASCENCIO GUTIERREZ et al.	BIOTECHNOLOG Y AND BIOENGINEERIN G	2009
47	Electron microscopy characterization of biosynthesized iron oxide nanoparticles	RAUL HERRERA BECERRA MARIA CRISTINA ZORRILLA CANGAS JOSE LUIS MIGUEL RIUS ALONSO et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2008
48	Stability and physicochemical principles for icosahedral $Ti(12)X(X = Li \text{ to } Xe)$ clusters: A DFT study	JORGE ANTONIO ASCENCIO GUTIERREZ Salazar-Villanueva, M. Tejeda, P. H. Hernandez et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOL OGY	2008
49	Thermodynamic Stability and Melting Mechanism of Bimetallic Au-Pt Nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ Liu, H. B. Pal, U.	JOURNAL OF PHYSICAL CHEMISTRY C	2008
50	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
51	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
52	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

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53	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
54	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
55	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
56	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
57	HRTEM characterization of precipitates in structural microalloyed steels	JORGE ANTONIO ASCENCIO GUTIERREZ Béjar-Gómez L. Medina-Flores A. et al.	MICROSCOPY AND MICROANALYSIS	2008
58	Mechanical alloying synthesis of carbon nanotubes in the presence of AlFe small clusters	RODRIGO ALONSO ESPARZA MUÑOZ JORGE ANTONIO ASCENCIO GUTIERREZ RAMIRO PEREZ CAMPOS et al.	MATERIALS LETTERS	2007
59	Mechanical improvement of hydroxyapatite by TiOx nanoparticles deposition	JORGE ANTONIO ASCENCIO GUTIERREZ Díaz-Estrada J.R. Camps E. et al.	JOURNAL OF MATERIALS SCIENCE	2007
60	Synthesis of gold nanoparticles with different atomistic structural characteristics	RODRIGO ALONSO ESPARZA MUÑOZ JORGE ANTONIO ASCENCIO GUTIERREZ RAMIRO PEREZ CAMPOS et al.	MATERIALS CHARACTERIZAT ION	2007
61	Structural studies on vacuum evaporated ZnSe/p-Si Schottky diodes	VELUMANI SUBRAMANIAM PABLO SAMUEL SCHABES RETCHKIMAN JORGE ANTONIO ASCENCIO GUTIERREZ et al.	MATERIALS CHEMISTRY AND PHYSICS	2007
62	Production of iron oxide nanoparticles by a biosynthesis method: An environmentally friendly route	RAUL HERRERA BECERRA MARIA CRISTINA ZORRILLA CANGAS JORGE ANTONIO ASCENCIO GUTIERREZ	JOURNAL OF PHYSICAL CHEMISTRY C	2007

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63	Structural evolution of derived species on FeAl surface exposed to a N ₂ + SO ₂ atmosphere: Experimental and theoretical study	JORGE ANTONIO ASCENCIO GUTIERREZ Espinosa-Medina M.A. Liu H.B. et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2007
64	Chemical synthesis and structural characterization of small AuZn nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ Juárez-Ruiz E. Pal U. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2007
65	Dielectric and ac conduction properties of zinc phthalocyanine (ZnPc) thin films	JORGE ANTONIO ASCENCIO GUTIERREZ Senthilarasu S. Sathyamoorthy R. et al.	JOURNAL OF APPLIED PHYSICS	2007
66	Electrochemical characteristics of Si/Mo multilayer anode for Li ion batteries	JORGE ANTONIO ASCENCIO GUTIERREZ Kirn M.-H. Kim Y.-J. et al.	REVISTA MEXICANA DE FISICA	2007
67	Novel yttria-stabilised zirconia-alumina tetragonal phase obtained by co-precipitation	JORGE ANTONIO ASCENCIO GUTIERREZ JOSE ALVARO CHAVEZ CARVAYAR Santoyo-Salazar J. et al.	JOURNAL OF CRYSTAL GROWTH	2006
68	Neodymium nanoparticles: Biosynthesis and structural analysis	JORGE ANTONIO ASCENCIO GUTIERREZ Canizal G. Medina-Flores A. et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2006
69	On a probable catalytic interaction between magnetite (Fe ₃ O ₄) and petroleum	JORGE ANTONIO ASCENCIO GUTIERREZ Cosultchi A. Reguera E. et al.	ENERGY & FUELS	2006
70	Synthesis of TiO ₂ nanostructured reservoir with temozolomide: Structural evolution of the occluded drug	JULIO EVERARDO SOTELO MORALES JUAN MANUEL NAVARRETE TEJERO JORGE ANTONIO ASCENCIO GUTIERREZ et al.	OPTICAL MATERIALS	2006
71	Structural transformation of Au - Pd bimetallic nanoclusters on thermal heating and cooling: A dynamic analysis	RAMIRO PEREZ CAMPOS JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B. et al.	JOURNAL OF PHYSICAL CHEMISTRY B	2006
72	Synthesis and characterization of Mn quantum dots by bioreduction with water hyacinth	PABLO SAMUEL SCHABES RETCHKIMAN MARIA CRISTINA ZORRILLA CANGAS JORGE ANTONIO ASCENCIO GUTIERREZ et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2006

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73	Transmission electron microscopy and theoretical analysis of AuCu nanoparticles: Atomic distribution and dynamic behavior	JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B. Pal U. et al.	MICROSCOPY RESEARCH AND TECHNIQUE	2006
74	Structural selection and amorphization of small Ni Ti bimetallic clusters	PABLO SAMUEL SCHABES RETCHKIMAN JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B. et al.	JOURNAL OF PHYSICAL CHEMISTRY B	2006
75	Molecular vibrational analysis and MAS-NMR spectroscopy study of epilepsy drugs encapsulated in TiO ₂ -sol-gel reservoirs	JUAN MANUEL NAVARRETE TEJERO JORGE ANTONIO ASCENCIO GUTIERREZ Lopez T. et al.	J BIOMED MATER RES	2006
76	Biosynthesis and characterization of Ti/Ni bimetallic nanoparticles	PABLO SAMUEL SCHABES RETCHKIMAN RAUL HERRERA BECERRA MARIA CRISTINA ZORRILLA CANGAS et al.	OPTICAL MATERIALS	2006
77	Stable tin (n = 2-15) clusters and their geometries: DFT calculations	JORGE ANTONIO ASCENCIO GUTIERREZ Salazar-Villanueva M. Tejeda P.H.H. et al.	JOURNAL OF PHYSICAL CHEMISTRY A	2006
78	Electrochemical characteristics of a Si/Ge multilayer anode for lithium-ion batteries	JORGE ANTONIO ASCENCIO GUTIERREZ Kim M.-H. Ahn S.-H. et al.	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	2006
79	Synthesis and characterisation of YSZ-Al ₂ O ₃ nanostructured materials	PABLO SAMUEL SCHABES RETCHKIMAN JORGE ANTONIO ASCENCIO GUTIERREZ JOSE ALVARO CHAVEZ CARVAYAR et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2006
80	X-ray photoelectron, infrared, and Raman spectroscopy studies of novel submicrometric poly[(methacrylato)aluminum(III)]	JORGE ANTONIO ASCENCIO GUTIERREZ Vilchis-Nestor A.R. Sánchez-Mendieta V. et al.	JOURNAL OF APPLIED POLYMER SCIENCE	2006
81	Tailoring chemical hardness in WO _x -ZrO ₂ system	JORGE ANTONIO ASCENCIO GUTIERREZ Iribarren A. Rodríguez-Gattorno G. et al.	CHEMISTRY OF MATERIALS	2006
82	Structural incoherency and structure reversal in bimetallic Au-Pd nanoclusters	JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B. Pal U. et al.	PHYSICAL REVIEW B	2005
83	Study of the sodium phenytoin effect on the formation of sol-gel SiO ₂ nanotubes by TEM	JORGE ANTONIO ASCENCIO GUTIERREZ López T. Asomoza M. et al.	OPTICAL MATERIALS	2005
84	Synthesis and characterization of rhodium nanoparticles using HREM techniques	JORGE ANTONIO ASCENCIO GUTIERREZ Marín-Almazo M. Pérez-Álvarez M. et al.	MICROCHEMICAL JOURNAL	2005

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85	Synthesis and theoretical analysis of samarium nanoparticles: Perspectives in nuclear medicine	JORGE ANTONIO ASCENCIO GUTIERREZ Rincon A.C. Canizal G.	JOURNAL OF PHYSICAL CHEMISTRY B	2005
86	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
87	Multiple-walled BN nanotubes obtained with a mechanical alloying technique	JORGE ANTONIO ASCENCIO GUTIERREZ RAMIRO PEREZ CAMPOS Rosas G. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2005
88	Effects of minor element additions to the nanocrystalline FeAl intermetallic alloy obtained by mechanical alloying	RODRIGO ALONSO ESPARZA MUÑOZ JORGE ANTONIO ASCENCIO GUTIERREZ RAMIRO PEREZ CAMPOS et al.	MATERIALS AND MANUFACTURIN G PROCESSES	2005
89	Graphite-incorporated MoS ₂ nanotubes: A new coaxial binary system	PATRICIA SANTIAGO JACINTO JORGE ANTONIO ASCENCIO GUTIERREZ LUIS RENDON VAZQUEZ et al.	JOURNAL OF PHYSICAL CHEMISTRY B	2005
90	Structure and growth mechanism study of wurtzite CdSe nanorods grown by solvothermal techniques	PATRICIA SANTIAGO JACINTO JORGE ANTONIO ASCENCIO GUTIERREZ Pal U. et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOL OGY	2005
91	Structure, stability and catalytic activity of chemically synthesized Pt, Au, and Au-Pt nanoparticles	RODRIGO ALONSO ESPARZA MUÑOZ JORGE ANTONIO ASCENCIO GUTIERREZ RAMIRO PEREZ CAMPOS et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOL OGY	2005
92	Experimental and theoretical analysis of electropolymerized PMeT thin films	VELUMANI SUBRAMANIAM JORGE ANTONIO ASCENCIO GUTIERREZ JOSEPH SEBASTIAN PATHIYAMATTOM et al.	JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS	2005
93	Structural analysis and growing mechanisms for long SnO ₂ nanorods synthesized by spray pyrolysis	PATRICIA SANTIAGO JACINTO JORGE ANTONIO ASCENCIO GUTIERREZ Paraguay-Delgado F. et al.	Nanotechnolog y	2005
94	Structure and growing process determination for 0D and 1D nanostructures: Theoretical and experimental studies	JORGE ANTONIO ASCENCIO GUTIERREZ	MICROSCOPY AND MICROANALYSIS	2004

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95	Synthesis and structure determination of ytterbium nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ Rodríguez-Monroy A.C. Liu H.B. et al.	CHEMISTRY LETTERS	2004
96	Evidence of the surface layer in tungstated zirconia	JORGE ANTONIO ASCENCIO GUTIERREZ RAMIRO PEREZ CAMPOS Torres-García E. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2004
97	Synthesis and structure determination of bimetallic Au/Cu nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ Pal U. Sanchez Ramirez J.F. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2004
98	Formation of ZnS nanorods by simple evaporation technique	VELUMANI SUBRAMANIAM JORGE ANTONIO ASCENCIO GUTIERREZ	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2004
99	Theoretical and experimental analysis of ZnPc for its local ordering and electronic structure	MARIA CRISTINA ZORRILLA CANGAS VELUMANI SUBRAMANIAM JESUS ANGEL ARENAS ALATORRE et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2004
100	Influence of surface phenomena in oxidative desulfurization with WO_x/ZrO_2 catalysts	VELUMANI SUBRAMANIAM JORGE ANTONIO ASCENCIO GUTIERREZ Torres-García E. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2004
101	Structural analysis of cobalt titanate nanoparticles obtained by sol-gel process	VELUMANI SUBRAMANIAM JORGE ANTONIO ASCENCIO GUTIERREZ Pacheco F. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2004
102	Synthesis and structural determination of twisted MoS ₂ nanotubes	JORGE ANTONIO ASCENCIO GUTIERREZ DOROTEO MENDOZA LOPEZ PABLO SAMUEL SCHABES RETCHKIMAN et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2004
103	Structural analysis of AISI-SAE 4140 steel nitrided by post-discharge microwave	PATRICIA SANTIAGO JACINTO JORGE ANTONIO ASCENCIO GUTIERREZ Medina-Flores A. et al.	SURFACE & COATINGS TECHNOLOGY	2004
104	Atomic, Electron and Phonon Aspects of the Edge Dislocation in Iron	JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B.	Defect and Diffusion Forum	2004

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105	Structural basis for homogeneous CdS nanorods: Synthesis and HREM characterization	JORGE ANTONIO ASCENCIO GUTIERREZ PATRICIA SANTIAGO JACINTO LUIS RENDON VAZQUEZ et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2004
106	Microstructural characterization of SnO ₂ nanorods obtained by spray pyrolysis	PATRICIA SANTIAGO JACINTO JORGE ANTONIO ASCENCIO GUTIERREZ Paraguay-Delgado F. et al.	MICROSCOPY AND MICROANALYSIS	2004
107	Hydroxyapatite crystals grown on a cellulose matrix using titanium alkoxide as a coupling agent	JORGE ANTONIO ASCENCIO GUTIERREZ JOSE ROGELIO RODRIGUEZ TALAVERA González M. et al.	J MATER CHEM	2003
108	Direct observation of the mechanical properties of single-walled carbon nanotubes and their junctions at the atomic level	JORGE ANTONIO ASCENCIO GUTIERREZ Troiani H.E. Miki-Yoshida M. et al.	NANO LETTERS	2003
109	Molecular dynamics simulation on edge dislocation in the bulk and nanoparticles of iron	SERGIO JOAQUIN JIMENEZ SANDOVAL JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B. et al.	COMPUTATIONAL MATERIALS SCIENCE	2003
110	Studies of nanocluster coalescence at high temperature	RAMIRO PEREZ CAMPOS JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2003
111	Structural models of inorganic fullerene-like structures	JORGE ANTONIO ASCENCIO GUTIERREZ PATRICIA SANTIAGO JACINTO Perez-Alvarez M. et al.	SURFACE SCIENCE	2003
112	Small metal nanoparticle recognition using digital image analysis and high resolution electron microscopy	JORGE ANTONIO ASCENCIO GUTIERREZ Flores A.B. Robles L.A. et al.	Micron	2003
113	Bioreduction synthesis of Eu-Au nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ Mejia Y. Liu H.B. et al.	Langmuir	2003
114	New model for the hydroxyapatite-octocalcium phosphate interface	MARIA CRISTINA ZORRILLA CANGAS RAMIRO GARCIA GARCIA JORGE ANTONIO ASCENCIO GUTIERREZ et al.	MICROSCOPY AND MICROANALYSIS	2003
115	Characterization of zinc phthalocyanine (ZnPc) for photovoltaic applications	VELUMANI SUBRAMANIAM JORGE ANTONIO ASCENCIO GUTIERREZ JOSEPH SEBASTIAN PATHIYAMATTOM et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2003

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116	New model for the hydroxyapatite-octacalcium phosphate interface	MARIA CRISTINA ZORRILLA CANGAS RAMIRO GARCIA GARCIA JORGE ANTONIO ASCENCIO GUTIERREZ et al.	ACTA CRYSTALLOGR B	2003
117	Synthesis and characterization of rare-earth nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ Canizal G.	MICROSCOPY AND MICROANALYSIS	2003
118	Synthesis and characterization of quantum dot superlattices	PATRICIA SANTIAGO JACINTO JORGE ANTONIO ASCENCIO GUTIERREZ José-Yacamán M. et al.	MICROSCOPY AND MICROANALYSIS	2002
119	Stability and phase transition of sodium nanoclusters	RAMIRO PEREZ CAMPOS JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B. et al.	SURFACE SCIENCE	2002
120	Structural instabilities in passivated gold nanoclusters induced by electron irradiation	JORGE ANTONIO ASCENCIO GUTIERREZ Mendoza M. Santamaria T. et al.	JOURNAL OF CLUSTER SCIENCE	2002
121	Theoretical analysis of hydroxylapatite and its main precursors by quantum mechanics and HREM image simulation	JORGE ANTONIO ASCENCIO GUTIERREZ VICTOR MANUEL CASTAÑO MENESES Rodríguez-Lugo V. et al.	COMPUTATIONA L MATERIALS SCIENCE	2002
122	Observation of Sulfur on the Surface of Giant Aurothiol Nanoclusters	JORGE ANTONIO ASCENCIO GUTIERREZ WENCEL JOSE DE LA CRUZ HERNANDEZ LEONEL SUSANO COTA ARAIZA et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOL OGY	2002
123	Structure shape and stability of nanometric sized particles	JORGE ANTONIO ASCENCIO GUTIERREZ José Yacamán M. Liu H.B. et al.	J VAC SCI TECHNOL B	2001
124	Multiple twinned gold nanorods grown by bio-reduction techniques	JORGE ANTONIO ASCENCIO GUTIERREZ Canizal G. Gardea-Torresday J. et al.	JOURNAL OF NANOPARTICLE RESEARCH	2001
125	Experimental and theoretical studies of instabilities of metal nanoparticles: A new kind of quasimelting	JORGE ANTONIO ASCENCIO GUTIERREZ SAMUEL TEHUACANERO NUÑEZ Pérez-Alvarez M. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2001
126	Uptake of ¹⁸⁸ Re-β-naphthyl-peptide in cervical carcinoma tumours in athymic mice	JORGE ANTONIO ASCENCIO GUTIERREZ Arteaga de Murphy C. Pedraza-López M. et al.	NUCLEAR MEDICINE AND BIOLOGY	2001
127	Melting behavior of nanometer sized gold isomers	JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B. Perez-Alvarez M. et al.	SURFACE SCIENCE	2001

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128	Analysis of prehispanic pigments from "Templo Mayor" of Mexico city	JORGE ANTONIO ASCENCIO GUTIERREZ Ortega M. San-germán C.M. et al.	JOURNAL OF MATERIALS SCIENCE	2001
129	Observation of surface relaxation surface steps and surface reconstruction in gold nanorods	JORGE ANTONIO ASCENCIO GUTIERREZ José Yacamán M. Canizal G.	SURFACE SCIENCE	2001
130	High resolution TEM studies on palladium nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ José-Yacamán M. Marín-Almazo M.	JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	2001
131	Synthesis, fundamental properties and applications of nanocrystals, sheets, nanotubes and cylinders based on layered transition metal chalcogenides	PATRICIA SANTIAGO JACINTO DOROTEO MENDOZA LOPEZ JORGE ANTONIO ASCENCIO GUTIERREZ et al.	MATERIALS TECHNOLOGY	2000
132	Sol-gel synthesis of Li-ZrSiO ₄	HERIBERTO PFEIFFER PEREA PEDRO BOSCH GIRAL JORGE ANTONIO ASCENCIO GUTIERREZ et al.	JOURNAL OF MATERIALS RESEARCH	2000
133	Experimental and simulated analysis of Cu nanoparticles produced by cooled sample irradiation	ALBERTO BARRAGAN VIDAL JORGE ANTONIO ASCENCIO GUTIERREZ García-Santibañez F. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2000
134	Self-assembling of gold nanoparticles in one, two, and three dimensions	PATRICIA SANTIAGO JACINTO JORGE ANTONIO ASCENCIO GUTIERREZ Gutiérrez-Wing C. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2000
135	New mononuclear lanthanide(III) macrocyclic polymeric complexes with the 1,5,9,13-tetraazacyclohexadecane ligand: Their magnetic studies and semiempirical calculations	MARTHA ELENA SOSA TORRES ROBERTO ESCUDERO DERAT JORGE ANTONIO ASCENCIO GUTIERREZ et al.	JOURNAL OF COORDINATION CHEMISTRY	2000
136	Truncated icosahedral structure observed in gold nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ Pérez M. José-Yacamán M.	SURFACE SCIENCE	2000
137	Study of high resolution TEM images of nanoparticles either supported on amorphous films or embedded in a crystalline matrix	MARIA CRISTINA ZORRILLA CANGAS JORGE ANTONIO ASCENCIO GUTIERREZ JOSE REYES GASGA et al.	MATER T JIM	1999

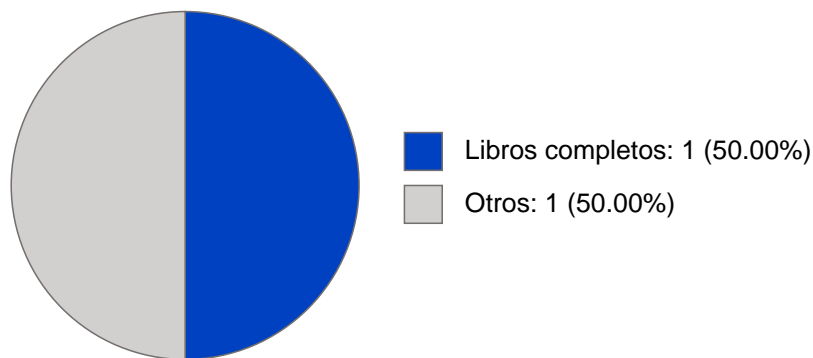
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138	Preparation and pharmacokinetics of samarium(III)-153-labeled DTPA-bis-biotin. Characterization and theoretical studies of the samarium(III)-152 conjugate	JORGE ANTONIO ASCENCIO GUTIERREZ Ferro-Flores G. De María Ramírez F. et al.	BIOCONJUGATE CHEMISTRY	1999
139	Experimental and theoretical studies of palygorskite clays	JORGE ANTONIO ASCENCIO GUTIERREZ Fernández M.E. Mendoza-Anaya D. et al.	JOURNAL OF MATERIALS SCIENCE	1999
140	Experimental measurements of distortions in nanosized gold particles	SAMUEL TEHUACANERO NUÑEZ MARIA CRISTINA ZORRILLA CANGAS JORGE ANTONIO ASCENCIO GUTIERREZ et al.	NANOSTRUCT MATER	1998
141	Structure determination of small particles by HREM imaging: Theory and experiment	JORGE ANTONIO ASCENCIO GUTIERREZ SAMUEL TEHUACANERO NUÑEZ MARIA CRISTINA ZORRILLA CANGAS et al.	SURFACE SCIENCE	1998
142	On the Structure and Formation of Self-Assembled Lattices of Gold Nanoparticles	JORGE ANTONIO ASCENCIO GUTIERREZ Gutiérrez-Wing C. Perez-Alvarez M. et al.	JOURNAL OF CLUSTER SCIENCE	1998
143	Application of the beam propagation method to the image formation theory in transmission electron microscopy	JORGE ANTONIO ASCENCIO GUTIERREZ VICTOR MANUEL CASTAÑO MENESES	Optik	1998

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Smart genetics for smarter health—an innovation proposal to improve wellness and health care in the cities of the future	JORGE ANTONIO ASCENCIO GUTIERREZ Von Son F.W. Ceballos G.R. et al.	Conferencia Paper	2017	9781538625231
2	Fotosíntesis Artificial	RICARDO GOMEZ RAMIREZ LORENZO MARTINEZ GOMEZ JORGE ANTONIO ASCENCIO GUTIERREZ	Libro Completo	2013	9786077841036



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Reporte individual



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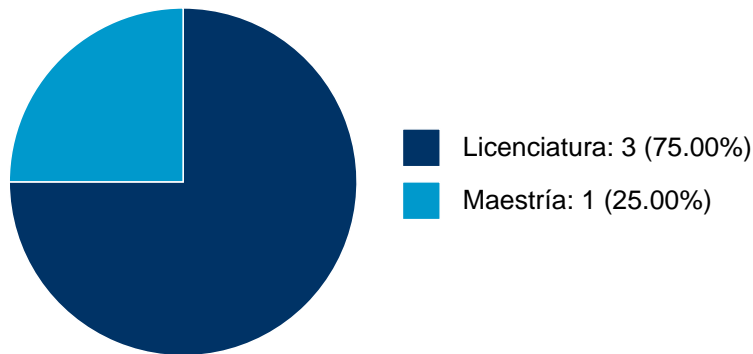
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

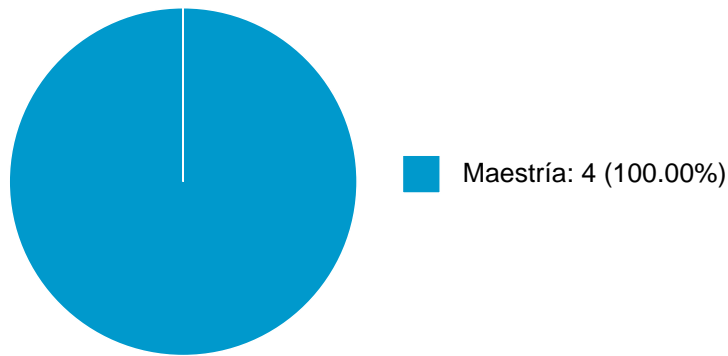


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Caracterización de la semilla y cáscara de aguacate variedad Hass para el desarrollo de una aplicación	Tesis de Licenciatura	JORGE ANTONIO ASCENCIO GUTIERREZ,	FERNANDO ORTEGA JIMENEZ, King Loeza, Yanmei,	Facultad de Estudios Superiores "Cuautitlán",	2018
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	Síntesis y caracterización de nanopartículas de Gd y Sm por el método de biorreducción	Tesis de Licenciatura	JORGE ANTONIO ASCENCIO GUTIERREZ,	Perdigón Lagunes, Pedro,	Instituto de Ciencias Físicas,	2010
4	Aplicación de la estadística en la toma de decisiones para el reconocimiento de patrones mediante redes neuronales	Tesis de Licenciatura	JORGE ANTONIO ASCENCIO GUTIERREZ,	López Gomez, Xochitl,		2001

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DOCENCIA IMPARTIDA

Histórico de docencia

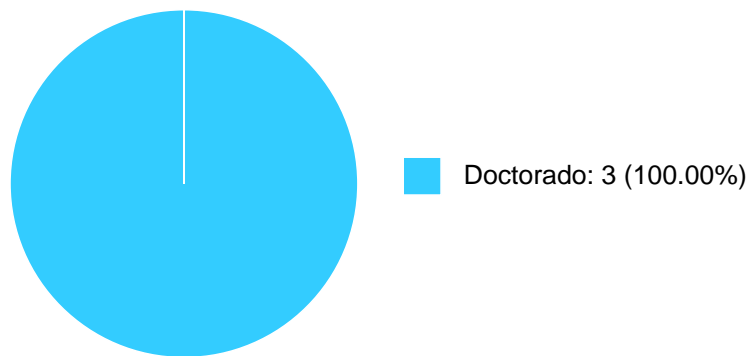


#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	LABORATORIO AVANZADO	Instituto de Ciencias Físicas	1	2014-2
2	Maestría	LABORATORIO AVANZADO	Instituto de Ciencias Físicas	3	2011-1
3	Maestría	FISICA DE NANOMATERIALES	Instituto de Ciencias Físicas	2	2010-2
4	Maestría	FISICA DE NANOMATERIALES	Instituto de Ciencias Físicas	1	2010-2

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TUTORIAS EN POSGRADO

Histórico de tutorías en posgrado



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Facultad de Química	Doctorado	Doctorado en Ingeniería (Ingeniería Química)	2009	2009-2
2	Facultad de Química	Doctorado	Doctorado en Ingeniería (Ingeniería Química)	2009	2010-1
3	Facultad de Química	Doctorado	Doctorado en Ingeniería (Ingeniería Química)	2008	2009-1

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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

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2024
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2024
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2024
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

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