



FELIPE FRANCISCO CASTILLON BARRAZA

Datos Generales

Nombre: FELIPE FRANCISCO CASTILLON BARRAZA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 24 años

Nombramientos

Vigente: INVESTIGADOR TITULAR A TC Definitivo
Centro de Nanociencias y Nanotecnología en la UNAM
Desde 16-02-2012

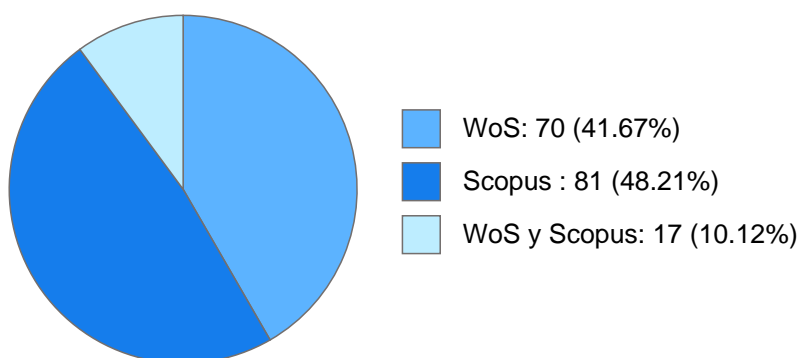
Estímulos, programas, premios y reconocimientos

SNI I 2017 - VIGENTE
SNI II 2013 - 2016
SNI I - 2012
PRIDE C - VIGENTE

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Influence of the modification of chlorophyll-rich extracts on the hydrogen evolution reaction of rGO-based electrocatalysts	FELIPE FRANCISCO CASTILLON BARRAZA Terán-Dagnino A. Alvarado-Beltrán C.G. et al.	DIAMOND AND RELATED MATERIALS	2024
2	Propane CO ₂ -oxidative dehydrogenation catalyzed by Pt-Sn supported on magnesium-chemically grafted SBA-15	FELIPE FRANCISCO CASTILLON BARRAZA ALFREDO SOLIS GARCIA TRINO ARMANDO ZEPEDA PARTIDA et al.	Molecular Catalysis	2024
3	Mordenite-Supported Ag ⁺ -Cu ²⁺ -Zn ²⁺ Trimetallic System: A Variety of Nanospecies Obtained via Thermal Reduction in Hydrogen Followed by Cooling in an Air or Hydrogen Atmosphere	VITALI PETRANOVSKI AFANASIEVNA FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO et al.	Materials	2023
4	Electrochemical Deposition of Polypyrrole in the Presence of Silanes as Adhesion Promoters	WENCEL JOSE DE LA CRUZ HERNANDEZ FELIPE FRANCISCO CASTILLON BARRAZA Castro-Beltran A. et al.	POLYMERS	2023
5	Photocatalytic activity of Fe ₃ O ₄ /Fe ₂ O ₃ particles supported on mordenite under visible light exposure for methylene blue degradation	MARIO HUMBERTO FARIAS SANCHEZ FELIPE FRANCISCO CASTILLON BARRAZA Avilés-Monreal R. et al.	Sn Applied Sciences	2023

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6	Effect of inert ambient annealing on structural and defect characteristics of coaxial N-CNTs@ZnO nanotubes coated by atomic layer deposition	DAVID ALEJANDRO DOMINGUEZ VARGAS MANUEL HERRERA ZALDIVAR JOSE MANUEL ROMO HERRERA et al.	CERAMICS INTERNATIONAL	2022
7	Green Synthesis up to Geometric Gold Microparticles	FELIPE FRANCISCO CASTILLON BARRAZA MARIELA FLORES ACOSTA M. Cortez-Valadez et al.	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	2021
8	Ag ₂ O/TiO ₂ nanostructures for the photocatalytic mineralization of the highly recalcitrant pollutant iopromide in pure and tap water	JUAN CARLOS DURAN ALVAREZ VERONICA HERNANDEZ MORALES FELIPE FRANCISCO CASTILLON BARRAZA et al.	CATALYSIS TODAY	2020
9	Degradation and mineralization of oxytetracycline in pure and tap water under visible light irradiation using bismuth oxyiodides and the effect of depositing Au nanoparticles	JUAN CARLOS DURAN ALVAREZ RICARDO ALFREDO GUTIERREZ MARQUEZ MARIO RICARDO ISRAEL RODRIGUEZ VARELA et al.	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2020
10	One-pot synthesis of uniform hollow nanospheres of Ce ₂ Zr ₂ O mixed oxides by spray pyrolysis	MIGUEL ANGEL ESTRADA ARREOLA FELIPE FRANCISCO CASTILLON BARRAZA ANDREY SIMAKOV et al.	MICROPOROUS AND MESOPOROUS MATERIALS	2020
11	Phase stability, microstructure, and dielectric properties of quaternary oxides In ₁₂ Ti ₁₀ A ₂ BO ₄₂ (A: Ga or Al; B: Mg or Zn)	FELIPE FRANCISCO CASTILLON BARRAZA ALEJANDRO CESAR DURAN HERNANDEZ MARIO HUMBERTO FARIAS SANCHEZ et al.	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	2019
12	Surface modification of B-TiO ₂ by deposition of Au nanoparticles to increase its photocatalytic activity under simulated sunlight irradiation	JUAN CARLOS DURAN ALVAREZ Prospero Acevedo Pena FELIPE FRANCISCO CASTILLON BARRAZA et al.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2018
13	Non-resonant enhancement mechanism in SERS effect due to copper oxide quantum dots stabilized in synthetic zeolite F9-NaX	FELIPE FRANCISCO CASTILLON BARRAZA Martinez-Nuñez C.E. Delgado-Beleño Y. et al.	MATERIALS CHEMISTRY AND PHYSICS	2018
14	Cu-Ag/mordenite catalysts for NO reduction: Effect of silver on catalytic activity and hydrothermal stability	ANDREY SIMAKOV MARIO HUMBERTO FARIAS SANCHEZ FELIPE FRANCISCO CASTILLON BARRAZA et al.	MATERIALS RESEARCH BULLETIN	2018
15	Oxidative dehydrogenation of n-octane over Mg-containing SBA-15 material	FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO TRINO ARMANDO ZEPEDA PARTIDA et al.	MATERIALS RESEARCH INNOVATIONS	2018

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16	Enhanced photocatalytic degradation of sulfamethoxazole by deposition of Au, Ag and Cu metallic nanoparticles on TiO ₂	RODOLFO ZANELLA SPECIA ROSA MARIA RAMIREZ ZAMORA FELIPE FRANCISCO CASTILLON BARRAZA et al.	ENVIRONMENTAL TECHNOLOGY	2018
17	Influence of the bilayer thickness on the optical properties of Al ₂ O ₃ -Y ₂ O ₃ dielectric nanolaminate films grown by thermal atomic layer deposition	FELIPE FRANCISCO CASTILLON BARRAZA ROBERTO MACHORRO MEJIA MARIO HUMBERTO FARIAS SANCHEZ et al.	MATERIALS RESEARCH BULLETIN	2017
18	Phase Relations in Ternary Systems in the Subsolidus Region: Methods to Formulate Solid Solution Equations and to Find Particular Compositions	MARIO HUMBERTO FARIAS SANCHEZ FLOR BROWN GROSSMAN FELIPE FRANCISCO CASTILLON BARRAZA et al.	JOURNAL OF CHEMICAL EDUCATION	2017
19	Synthesis of AuCorePdshell Nanoparticles by a Green Chemistry Method and Characterization by HAADF-STEM Imaging	FELIPE FRANCISCO CASTILLON BARRAZA Larios-Rodriguez, Eduardo A. Herrera-Urbina, Ronaldo et al.	JOURNAL OF CLUSTER SCIENCE	2017
20	Phase Relations in Ternary Systems in the Subsolidus Region: Methods To Formulate Solid Solution Equations and To Find Particular Compositions	MARIO HUMBERTO FARIAS SANCHEZ FELIPE FRANCISCO CASTILLON BARRAZA Alvarez-Montano, Victor E. et al.	JOURNAL OF CHEMICAL EDUCATION	2017
21	Refractive index and bandgap variation in Al ₂ O ₃ -ZnO ultrathin multilayers prepared by atomic layer deposition	FELIPE FRANCISCO CASTILLON BARRAZA ROBERTO MACHORRO MEJIA MARIO HUMBERTO FARIAS SANCHEZ et al.	JOURNAL OF ALLOYS AND COMPOUNDS	2017
22	Thickness effect on the optical and morphological properties in Al ₂ O ₃ /ZnO nanolaminate thin films prepared by atomic layer deposition	DAVID ALEJANDRO DOMINGUEZ VARGAS EDUARDO ANTONIO MURILLO BRACAMONTES FELIPE FRANCISCO CASTILLON BARRAZA et al.	SUPERLATTICES AND MICROSTRUCTURES	2016
23	Synthesis and characterization of (3-Aminopropyl)trimethoxy-silane (APTMS) functionalized Gd ₂ O ₃ :Eu ³⁺ red phosphor with enhanced quantum yield	GUSTAVO ALONSO HIRATA FLORES MARIO HUMBERTO FARIAS SANCHEZ FELIPE FRANCISCO CASTILLON BARRAZA et al.	Nanotechnology	2016
24	Morphological optimization and (3-aminopropyl) trimethoxy silane surface modification of Y ₃ Al ₅ O ₁₂ :Pr nanoscintillator for biomedical applications	GUSTAVO ALONSO HIRATA FLORES MARIO HUMBERTO FARIAS SANCHEZ FELIPE FRANCISCO CASTILLON BARRAZA et al.	MATERIALS RESEARCH BULLETIN	2016
25	Low concentration Fe-doped alumina catalysts using sol-gel and impregnation methods: The synthesis, characterization and catalytic performance during the combustion of trichloroethylene	FELIPE FRANCISCO CASTILLON BARRAZA Solis Maldonado, Carolina Rivera De la Rosa, Javier et al.	Materials	2014

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26	Effect of the zeolitic matrix on the reduction process of Cu ²⁺ cations in clinoptilolite, mordenite and erionite	VITALI PETRANOVSKI AFANASIEVNA FELIPE FRANCISCO CASTILLON BARRAZA Rodríguez-Iznaga I. et al.	Advanced Materials Research	2014
27	TiO ₂ /clinoptilolite composites for photocatalytic degradation of anionic and cationic contaminants	MARINA ELIZABETH RINCON GONZALEZ FELIPE FRANCISCO CASTILLON BARRAZA Trujillo, M. E. et al.	JOURNAL OF MATERIALS SCIENCE	2013
28	Ni-mordenite system: Influence of SiO ₂ /Al ₂ O ₃ molar ratio on the catalytic activity in no reduction [Sistema ni-mordenita: Influencia de la relación molar SiO ₂ /Al ₂ O ₃ en la actividad catalítica para la reducción de no]	ANDREY SIMAKOV MIGUEL AVALOS BORJA FELIPE FRANCISCO CASTILLON BARRAZA et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2012
29	Enzymatically synthesized polyaniline film deposition studied by simultaneous open circuit potential and electrochemical quartz crystal microbalance measurements	FELIPE FRANCISCO CASTILLON BARRAZA MARIO HUMBERTO FARIAS SANCHEZ Carrillo, Norma et al.	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2012
30	EDC and sulfo-NHS functionalized on PVC-g-PEGMA for streptokinase immobilization	FELIPE FRANCISCO CASTILLON BARRAZA MARIO HUMBERTO FARIAS SANCHEZ Arenas, E.	DESIGNED MONOMERS AND POLYMERS	2012
31	Electrochemical study of the corrosion rate of carbon steel in soil: Evolution with time and determination of residual corrosion rates under cathodic protection	FELIPE FRANCISCO CASTILLON BARRAZA Barbalat M. Lanarde L. et al.	CORROSION SCIENCE	2012
32	Surface Analysis of Aminated Polypropylene Films as an Adhesion Promoter to Polycarbonate Film	FELIPE FRANCISCO CASTILLON BARRAZA Vazquez-Rodriguez, Sofia Sanchez-Valdes, Saul et al.	JOURNAL OF APPLIED POLYMER SCIENCE	2011
33	Selective oxidation of arabinose to arabinonic acid over Pd-Au catalysts supported on alumina and ceria	ELENA SMOLENTSEVA FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO et al.	APPLIED CATALYSIS A-GENERAL	2011
34	Growth and characterization of polycrystalline Ge _{1-x} C _x by reactive pulsed laser deposition	MARIO HUMBERTO FARIAS SANCHEZ FELIPE FRANCISCO CASTILLON BARRAZA JESUS ANTONIO DIAZ HERNANDEZ et al.	APPLIED SURFACE SCIENCE	2011
35	Surface analysis of GeC prepared by reactive pulsed laser deposition technique	FELIPE FRANCISCO CASTILLON BARRAZA L. Cota Araiza JESUS LEONARDO HEIRAS AGUIRRE et al.	CURRENT APPLIED PHYSICS	2011
36	Synthesis and Characterization of Copper Sulfide Nanoparticles Obtained by the Polyol Method	FELIPE FRANCISCO CASTILLON BARRAZA M. H. Ferias Coronado-Lopez, J. H. et al.	ADVANCED SCIENCE LETTERS	2011

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37	Nano and Micro Reoriented Domains and Their Relation with the Crystal Structure in the New Fe _{1.5} Zn _{1.5} B ₇ O ₁₃ Cl Boracite	IVONNE ROSALES CHAVEZ LAURO BUCIO GALINDO FELIPE FRANCISCO CASTILLON BARRAZA et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2011
38	Copper-Silver Bimetallic System on Natural Clinoptilolite: Thermal Reduction of Cu ²⁺ and Ag ⁺ Exchanged	VITALI PETRANOVSKI AFANASIEVNA FELIPE FRANCISCO CASTILLON BARRAZA Rodriguez-Iznaga, Inocente et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2011
39	A New Red-Emitting La _{1-x} Pr _x Sr ₂ AlO ₅ Phosphor Powder Prepared by Combustion Synthesis	C. E. Rodriguez Garcia E. M. Tejeda FELIPE FRANCISCO CASTILLON BARRAZA et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2011
40	Mechanical and Bioactive Behavior of Hydroxyapatite-Wollastonite Sintered Composites	Sandra R. Payan FELIPE FRANCISCO CASTILLON BARRAZA Encinas-Romero, Martin A. et al.	INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY	2010
41	REFRACTIVE INDEX MODULATION OF SU-8 POLYMER OPTICAL WAVEGUIDES BY MEANS OF HYBRID PHOTOTHERMAL PROCESS	FELIPE FRANCISCO CASTILLON BARRAZA Salazar-Miranda, D. Sanchez-Sanchez, J. J. et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2010
42	Optical and morphological characterisation of a silver nanoparticle/fluorescent poly(phenyleneethynylene) composite for optical biosensors	FELIPE FRANCISCO CASTILLON BARRAZA Carlos Ramos, Juan Ledezma, Antonio et al.	Vacuum	2010
43	The effect of supports (Al ₂ O ₃ , Al ₂ O ₃ -CeO ₂ and Al ₂ O ₃ -CeZrO ₂) on the nature of gold-species in supported gold catalysts	ANDREY SIMAKOV ELENA SMOLENTSEVA FELIPE FRANCISCO CASTILLON BARRAZA et al.	J SURF INVESTIG-X-RAY	2010
44	Reversible intercalation of ammonia molecules into a layered double hydroxide structure without exchanging nitrate counter-ions	Gregorio Guadalupe Carbajal Arizaga FELIPE FRANCISCO CASTILLON BARRAZA OSCAR EDEL CONTRERAS LOPEZ et al.	JOURNAL OF SOLID STATE CHEMISTRY	2010

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45	Evaluation of TiO ₂ /clinoptilolite composites in MV-2B dye photodegradation on CPC solar reactor [Evaluación de compositos TiO ₂ /clinoptilolita en la fotodegradación del tinte MV-2B en un reactor-concentrador solar CPC]	FELIPE FRANCISCO CASTILLON BARRAZA Trujillo-Camacho M.E. García-Gómez C. et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2010
46	XAFS study of a Au/Al ₂ O ₃ catalytic nanosystem doped by Ce and Ce-Zr oxides	ANDREY SIMAKOV E. Smolentseva FELIPE FRANCISCO CASTILLON BARRAZA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	2009
47	Structure and properties of lead and lead sulfide nanoparticles in natural zeolite	FELIPE FRANCISCO CASTILLON BARRAZA MARIO HUMBERTO FARIAS SANCHEZ Roman-Zamorano, J. F. et al.	JOURNAL OF MATERIALS SCIENCE	2009
48	An improved hydrometallurgical route for tellurium production	FELIPE FRANCISCO CASTILLON BARRAZA Robles-Vega, A. Sanchez-Corrales, V. M.	MINER METALL PROC	2009
49	Synthesis of silver nanoparticles in a polyvinylpyrrolidone (PVP) paste, and their optical properties in a film and in ethylene glycol	MIGUEL AVALOS BORJA FELIPE FRANCISCO CASTILLON BARRAZA Slistan-Grijalva, A. et al.	MATERIALS RESEARCH BULLETIN	2008
50	Cyclohexene hydrogenation with molybdenum disulfide catalysts prepared by ex situ decomposition of ammonium thiomolybdate-cetyltrimethylammonium thiomolybdate mixtures	GABRIEL ALONSO NUÑEZ ERIC FLORES AQUINO FELIPE FRANCISCO CASTILLON BARRAZA et al.	CATALYSIS TODAY	2008
51	Electrochemical polymerization of an aniline-terminated self-assembled monolayer on indium tin oxide electrodes and its effect on polyaniline electrodeposition	FELIPE FRANCISCO CASTILLON BARRAZA MARIO HUMBERTO FARIAS SANCHEZ Cruz-Silva, Rodolfo et al.	Thin Solid Films	2008

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52	Synthesis and characterization of hydroxyapatite-wollastonite composite powders by sol-gel processing	FELIPE FRANCISCO CASTILLON BARRAZA VICTOR MANUEL CASTAÑO MENESES Encinas-Romero, Martin A. et al.	INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY	2008
53	Enhancement of the current density J (C) for Bi(2)Sr(2)CaCu(2)O(8) by means of carbon and NbSe(2) nanotubes	DONALD HOMERO GALVAN MARTINEZ ALEJANDRO CESAR DURAN HERNANDEZ FELIPE FRANCISCO CASTILLON BARRAZA et al.	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2008
54	Biocatalytic synthesis of polypyrrole powder, colloids, and films using horseradish peroxidase	FELIPE FRANCISCO CASTILLON BARRAZA MARIO HUMBERTO FARIAS SANCHEZ Cruz-Silva, R. et al.	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2008
55	A complex study of copper reduction in erionite	VITALI PETRANOVSKI AFANASIEVNA HUGO JESUS TIZNADO VAZQUEZ MARIO HUMBERTO FARIAS SANCHEZ et al.	STUD SURF SCI CATAL	2008
56	Thermoanalytical study on the oxidation of sulfide minerals at high temperatures	FELIPE FRANCISCO CASTILLON BARRAZA Pérez-Fontes S.E. Pérez-Tello M. et al.	MINER METALL PROC	2007
57	Effect of ceria-zirconia ratio on the interaction of CO with PdO/Al ₂ O ₃ -(Cex-Zr1-x)O ₂ catalysts prepared by sol-gel method	FELIPE FRANCISCO CASTILLON BARRAZA ANDREY SIMAKOV HUGO JESUS TIZNADO VAZQUEZ et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2007
58	A computational model for the hot-filament chemical vapour deposition process to produce diamond films	OSCAR EDEL CONTRERAS LOPEZ FELIPE FRANCISCO CASTILLON BARRAZA Olivas-Martínez M. et al.	MODELLING AND SIMULATION IN MATERIALS SCIENCE AND ENGINEERING	2007
59	Enzymatic polymerization of aniline in the presence of different inorganic substrates	FELIPE FRANCISCO CASTILLON BARRAZA MARIO HUMBERTO FARIAS SANCHEZ Flores-Loyola E. et al.	MATERIALS CHEMISTRY AND PHYSICS	2007
60	Effect of the Zn(II) on the reduction of Cu(II) in natural clinoptilolite	VITALI PETRANOVSKI AFANASIEVNA FELIPE FRANCISCO CASTILLON BARRAZA MARIO HUMBERTO FARIAS SANCHEZ et al.	OPTICAL MATERIALS	2006
61	Enzymatic synthesis of colloidal polyaniline particles	FELIPE FRANCISCO CASTILLON BARRAZA MARIO HUMBERTO FARIAS SANCHEZ Cruz-Silva R. et al.	Polymer	2006

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62	Surface characterization of binary grafting of AAC/NIPAAm onto poly(tetrafluoroethylene) (PTFE)	ESBAIDE ADEM CHAHIN MIGUEL AVALOS BORJA EMILIO BUCIO CARRILLO et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2005
63	Assessment of growth of silver nanoparticles synthesized from an ethylene glycol-silver nitrate-polyvinylpyrrolidone solution	MIGUEL AVALOS BORJA FELIPE FRANCISCO CASTILLON BARRAZA Slistan-Grijalva A. et al.	PHYSICA E-LOW-DIMENSI ONAL SYSTEMS & NANOSTRUCTUR ES	2005
64	Classical theoretical characterization of the surface plasmon absorption band for silver spherical nanoparticles suspended in water and ethylene glycol	MIGUEL AVALOS BORJA FELIPE FRANCISCO CASTILLON BARRAZA Slistan-Grijalva A. et al.	PHYSICA E-LOW-DIMENSI ONAL SYSTEMS & NANOSTRUCTUR ES	2005
65	EXAFS and EXELFS characterization of tin thin films grown by PLD	FELIPE FRANCISCO CASTILLON BARRAZA WENCEL JOSE DE LA CRUZ HERNANDEZ González-Valenzuela C. et al.	International Sampe Technical Conference	2004
66	Comparative study of polyaniline cast films prepared from enzymatically and chemically synthesized polyaniline	MARIO HUMBERTO FARIAS SANCHEZ FELIPE FRANCISCO CASTILLON BARRAZA JESUS ANTONIO DIAZ HERNANDEZ et al.	Polymer	2004
67	EXAFS and EXELFS characterization of tin thin films grown by PLD	FELIPE FRANCISCO CASTILLON BARRAZA WENCEL JOSE DE LA CRUZ HERNANDEZ González-Valenzuela C. et al.	International SAMPE Symposium and Exhibition	2004
68	Persistent organic pollutants in sediment cores from the southern region of the Bight of the Californias [Contaminantes orgánicos persistentes en núcleos de sedimentos de la región sur de la Cuenca de las Californias]	FELIPE FRANCISCO CASTILLON BARRAZA Partida-Gutiérrez D.I. Villaescusa J.A. et al.	Ciencias Marinas	2003

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69	Characterization of Cds clusters in zeolite-A grown in alkaline solution	FELIPE FRANCISCO CASTILLON BARRAZA Ochoa-Landín R. Flores-Acosta M. et al.	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2003
70	Excitonic absorption of spherical PbS nanoparticles in zeolite A	FELIPE FRANCISCO CASTILLON BARRAZA Flores-Acosta M. Sotelo-Lerma M. et al.	SOLID STATE COMMUNICATIONS	2003
71	Optical and surface analysis of DC-reactive sputtered AlN films	ROBERTO MACHORRO MEJIA STEPHEN MUHL SAUNDERS JESUS LEONARDO HEIRAS AGUIRRE et al.	DIAMOND AND RELATED MATERIALS	2003
72	Characterization of tungsten oxide films produced by reactive pulsed laser deposition	GERARDO SOTO HERRERA WENCEL JOSE DE LA CRUZ HERNANDEZ JESUS ANTONIO DIAZ HERNANDEZ et al.	APPLIED SURFACE SCIENCE	2003
73	Tungsten nitride films grown via pulsed laser deposition studied in situ by electron spectroscopies	GERARDO SOTO HERRERA WENCEL JOSE DE LA CRUZ HERNANDEZ FELIPE FRANCISCO CASTILLON BARRAZA et al.	APPLIED SURFACE SCIENCE	2003
74	Electronic properties and chemical bonding of orthorhombic chromium carbide	DONALD HOMERO GALVAN MARTINEZ FELIPE FRANCISCO CASTILLON BARRAZA MIGUEL AVALOS BORJA et al.	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	2002
75	Graft-polymerization of phosphine functionalized monomers onto silica particles	LEONEL SUSANO COTA ARAIZA FELIPE FRANCISCO CASTILLON BARRAZA Urzúa-Sánchez O. et al.	POLYMER BULLETIN	2002
76	XPS and HRTEM characterization of cobalt-nickel silicide thin films	FELIPE FRANCISCO CASTILLON BARRAZA GUSTAVO ALONSO HIRATA FLORES MARIO HUMBERTO FARIAS SANCHEZ et al.	APPLIED SURFACE SCIENCE	2000
77	Influence of Ti additions on the texture and dielectric properties of LSBN-BST complex ceramics	JESUS MARIA SIQUEIROS BELTRONES FELIPE FRANCISCO CASTILLON BARRAZA Portelles J. et al.	Materials Research Society Symposium Proceedings	1999
78	Influence of preparation on the structure and CO conversion of γ -Bi ₂ MoO ₆ catalysts	DONALD HOMERO GALVAN MARTINEZ FELIPE FRANCISCO CASTILLON BARRAZA MIGUEL AVALOS BORJA et al.	REACT KINET CATAL L	1999
79	Synthesis of Ni/SiO ₂ catalysts through precipitation of silica-sols: Effect of aging and Ca(Ba) additives	FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO MIGUEL AVALOS BORJA et al.	APPLIED CATALYSIS A-GENERAL	1998



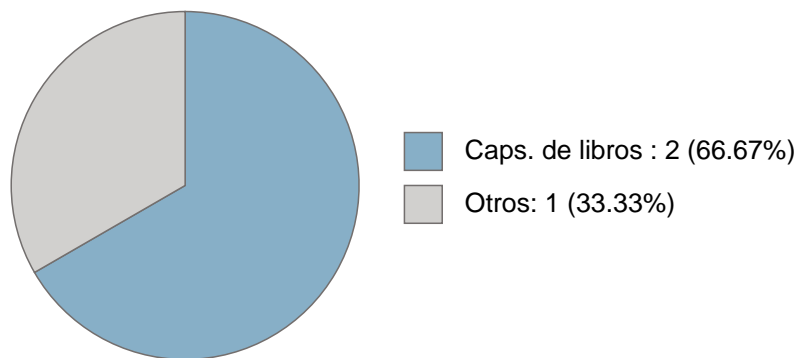
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80	Effect of preparation parameters on the microporous structure of Ni/SiO ₂ catalysts	FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO MIGUEL AVALOS BORJA et al.	Materials Research Society Symposium Proceedings	1996
81	CO oxidation by Bi ₂ MoO ₆ -x(H) catalyst	DONALD HOMERO GALVAN MARTINEZ MIGUEL AVALOS BORJA LEONEL SUSANO COTA ARAIZA et al.	Materials Research Society Symposium Proceedings	1995
82	STUDIES ON DIACETYLENIC VINYL COMPOUNDS. II. COPOLYMERIZATION OF PHENYL-4 prime -VINYLPHENYLBUTADIYNE WITH STYRENE AND METHYL METHACRYLATE.	FELIPE FRANCISCO CASTILLON BARRAZA TAKESHI OGAWA MURATA Navarro Rosa E.	JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY	1988

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN

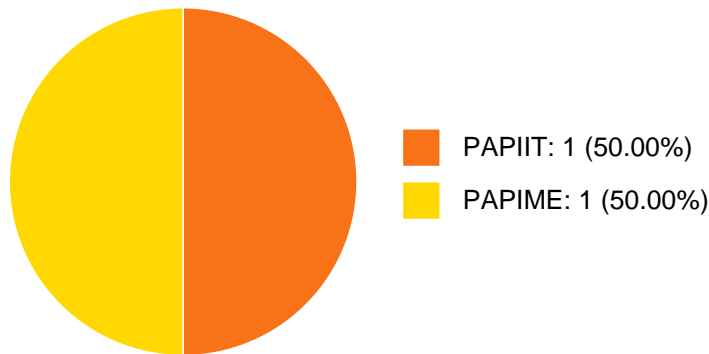


#	Título	Autores	Alcance	Año	ISBN
1	Structural features and catalytic activity of Ce _{1-x} (Lax, Rux)O ₂ /Bi ₂ Mo _{0.9} W _{0.1} O ₆ , nanostructured solid solutions	DONALD HOMERO GALVAN MARTINEZ FELIPE FRANCISCO CASTILLON BARRAZA	Capítulo de un Libro	2010	9781607410287
2	Structural features and catalytic activity of Ce _{1-x} (Lax, Rux)O ₂ /Bi ₂ Mo _{0.9} W _{0.1} O ₆ nanostructured solid solutions	FRANCISCO MORALES LEAL DONALD HOMERO GALVAN MARTINEZ FELIPE FRANCISCO CASTILLON BARRAZA et al.	Capítulo de un Libro	2009	9781617618277
3	Thermoanalytical study on the oxidation of sulfide minerals at high temperatures	FELIPE FRANCISCO CASTILLON BARRAZA Pérez-Tello M. Pérez-Fontes S.E. et al.	Conferencia Paper	2006	0873396332

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Prácticas de laboratorio enfocadas al uso de técnicas espectroscópicas para el análisis químico de nanoestructuras	FELIPE FRANCISCO CASTILLON BARRAZA	Recursos PAPIME	01-01-2019	31-12-2019
2	Evaluación de la microestructura y relación superficie-volumen de óxidos metálicos en la fotodegradación de colorantes comerciales	FELIPE FRANCISCO CASTILLON BARRAZA	Recursos PAPIIT	01-01-2022	31-12-2024



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



FELIPE FRANCISCO CASTILLON BARRAZA

PARTICIPACIÓN EN TESIS

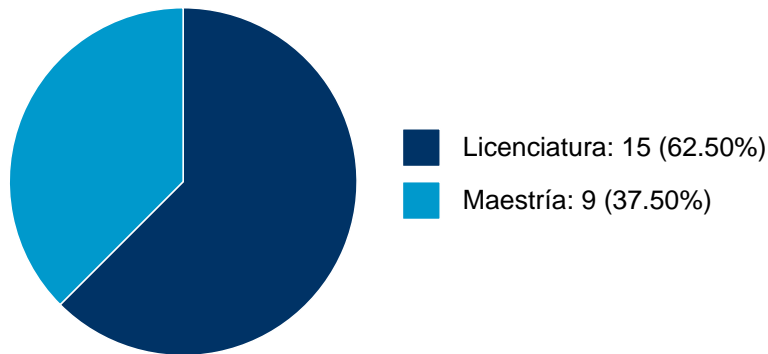
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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	INTRODUCCIÓN A LA QUÍMICA DE MATERIALES	Instituto de Investigaciones en Materiales	2	2021-2
2	Maestría	INTRODUCCIÓN A LA QUÍMICA DE MATERIALES	Instituto de Investigaciones en Materiales	1	2021-1
3	Maestría	INTRODUCCIÓN A LA QUÍMICA DE MATERIALES	Instituto de Investigaciones en Materiales	1	2020-2
4	Licenciatura	QUIMICA DE COMPUESTOS ORGANICOS	Centro de Nanociencias y Nanotecnología en la UNAM	3	2020-2
5	Maestría	INTRODUCCIÓN A LA QUÍMICA DE MATERIALES	Instituto de Investigaciones en Materiales	1	2020-1
6	Maestría	INTRODUCCIÓN A LA QUÍMICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	1	2019-2
7	Licenciatura	QUIMICA GENERAL	Centro de Nanociencias y Nanotecnología en la UNAM	14	2017-1

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8	Licenciatura	QUIMICA GENERAL	Centro de Nanociencias y Nanotecnología en la UNAM	14	2017-1
9	Licenciatura	QUIMICA DE COMPUESTOS ORGANICOS-332543	Centro de Nanociencias y Nanotecnología en la UNAM	12	2016-2
10	Licenciatura	QUIMICA DE COMPUESTOS ORGANICOS-332544	Centro de Nanociencias y Nanotecnología en la UNAM	11	2016-2
11	Licenciatura	QUIMICA GENERAL-331556	Centro de Nanociencias y Nanotecnología en la UNAM	12	2016-1
12	Licenciatura	QUIMICA GENERAL-331557	Centro de Nanociencias y Nanotecnología en la UNAM	10	2016-1
13	Licenciatura	QUIMICA DE COMPUESTOS ORGANICOS	Centro de Nanociencias y Nanotecnología en la UNAM	14	2015-2
14	Licenciatura	QUIMICA DE COMPUESTOS ORGANICOS	Centro de Nanociencias y Nanotecnología en la UNAM	13	2015-2
15	Licenciatura	QUIMICA GENERAL	Centro de Nanociencias y Nanotecnología en la UNAM	14	2015-1
16	Licenciatura	QUIMICA GENERAL	Centro de Nanociencias y Nanotecnología en la UNAM	16	2015-1
17	Licenciatura	QUIMICA GENERAL	Centro de Nanociencias y Nanotecnología en la UNAM	17	2014-1
18	Licenciatura	QUIMICA GENERAL	Centro de Nanociencias y Nanotecnología en la UNAM	16	2014-1
19	Maestría	INTRODUCCION A LA QUIMICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	2	2013-1
20	Licenciatura	QUIMICA GENERAL	Centro de Nanociencias y Nanotecnología en la UNAM	12	2013-1
21	Licenciatura	QUIMICA GENERAL	Centro de Nanociencias y Nanotecnología en la UNAM	12	2012-1



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
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Reporte individual



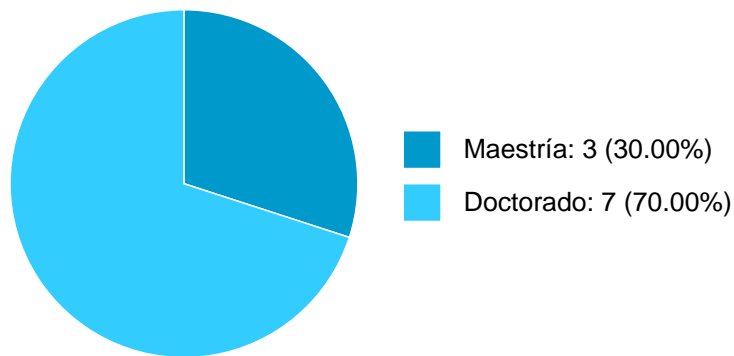
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22	Maestría	SINTESIS DE POLIMEROS	Instituto de Investigaciones en Materiales	1	2012-1
23	Maestría	INTRODUCCION A LA QUIMICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	1	2010-2
24	Maestría	TECNICAS ESPECTROSCOPICAS Y TERMICAS	Instituto de Investigaciones en Materiales	5	2009-1

FELIPE FRANCISCO CASTILLON BARRAZA

TUTORIAS EN POSGRADO

Histórico de tutorías en posgrado



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2015	2015-2
2	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2015	2016-1
3	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2014	2015-1
4	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2012	2012-2
5	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2012	2013-1
6	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2011	2011-2
7	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2011	2012-1



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8	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2009	2009-2
9	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2008	2008-2
10	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2008	2009-1



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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	2008-2024
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