



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



RAMIRO PEREZ CAMPOS

Datos Generales

Nombre: RAMIRO PEREZ CAMPOS

Máximo nivel de estudios: DOCTORADO

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Nombramientos

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Desde 16-03-2023

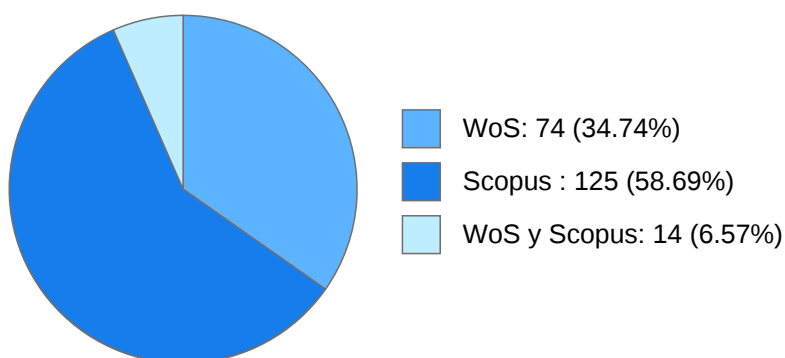
Estímulos, programas, premios y reconocimientos

SNI Emérito 2024 - VIGENTE
SNI III 2023
SNI Emérito 2022
SNI III - 2021
PRIDE D 2023 - 2024
PRIDE D - 2021

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Carbonized zeolitic imidazolate framework-incorporated electrospun polymeric nanofiber composite for supercapacitor applications	TATHAGATA KAR MAURA CASALES DIAZ JOSE JUAN RAMOS HERNANDEZ et al.	MATERIALS LETTERS	2025
2	Synthesis of silver flower-like particles and evaluation of their antibacterial activity	RAMIRO PEREZ CAMPOS Chávez K. Salinas-Delgado Y. et al.	MATERIALS LETTERS	2024
3	Sustainable Zeolite?Silver Nanocomposites via Green Methods for Water Contaminant Mitigation and Modeling Approaches	ALVARO DE JESUS RUIZ BALTAZAR RAMIRO PEREZ CAMPOS Medellín-Castillo N.A. et al.	NANOMATERIALS	2024
4	Synthesis of GO-Fe ₃ O ₄ /Ag and its Evaluation in the Aqueous Removal of Pb (II) and Methylene Blue	RAMIRO PEREZ CAMPOS Rosas G. Cayetano-Castro N. et al.	WATER AIR AND SOIL POLLUTION	2024
5	Enhanced durability of PdPt/C electrocatalyst during the ethanol oxidation reaction in alkaline media	GERARDO ROSAS GONZALEZ RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ et al.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2022
6	Characterization and Electrocatalytic Features of PtPd and PdPt Bimetallic Nanoparticles for Methanol Electro-oxidation	GERARDO ROSAS GONZALEZ RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ et al.	ChemNanoMat	2021

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7	Magnetic Nanoparticles of Fe ₃ O ₄ Biosynthesized by <i>Cnicus benedictus</i> Extract: Photocatalytic Study of Organic Dye Degradation and Antibacterial Behavior	ALVARO DE JESUS RUIZ BALTAZAR RAMIRO PEREZ CAMPOS Marco Antonio Zamora Antunano et al.	Processes	2020
8	Effect of microstructure and temperature on the stress corrosion cracking of two microalloyed pipeline steels in H ₂ S environment for gas transport	SERGIO ALONSO SERNA BARQUERA BERNARDO FABIAN CAMPILLO ILLANES LEONEL SUSANO COTA ARAIZA et al.	ENGINEERING FAILURE ANALYSIS	2019
9	Electrochemical Study of a Hybrid Polymethyl Methacrylate Coating using SiO ₂ Nanoparticles toward the Mitigation of the Corrosion in Marine Environments	JOSE ANTONIO MAYA CORNEJO FRANCISCO JAVIER RODRIGUEZ GOMEZ GUSTAVO MOLINA ADAME et al.	Materials	2019
10	Synthesis of Au@Pt core-shell nanoparticles as efficient electrocatalyst for methanol electro-oxidation	SIVA KUMAR KRISHNAN JOSE ANTONIO MAYA CORNEJO JOSE LUIS LOPEZ MIRANDA et al.	NANOMATERIAL S	2019
11	Eco-friendly synthesis of Fe ₃ O ₄ nanoparticles: Evaluation of their catalytic activity in methylene blue degradation by kinetic adsorption models	RAMIRO PEREZ CAMPOS Ruíz-Baltazar Á.D.J. Reyes-López S.Y. et al.	Results in Physics	2019
12	Catalytic and antibacterial properties of gold nanoparticles synthesized by a green approach for bioremediation applications	RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS MIRIAM ROCIO ESTEVEZ GONZALEZ et al.	3 Biotech	2019
13	Study on the photocatalytic and antibacterial properties of silver nanoparticles synthesized by a green approach	ANGEL RAMON HERNANDEZ MARTINEZ RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ et al.	MATERIALS RESEARCH EXPRESS	2019
14	Structure, magnetic and cytotoxic behaviour of solvothermally grown Fe ₃ O ₄ @Au core-shell nanoparticles	MIRIAM ROCIO ESTEVEZ GONZALEZ RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ et al.	MATERIALS CHARACTERIZATION	2018
15	Catalytic and antibacterial evaluation of silver nanoparticles synthesized by a green approach	RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS Gerardo Rosas et al.	RESEARCH ON CHEMICAL INTERMEDIATES	2018
16	A general seed-mediated approach to the synthesis of AgM (M = Au, Pt, and Pd) core-shell nanoplates and their SERS properties	MIRIAM ROCIO ESTEVEZ GONZALEZ RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ et al.	RSC ADVANCES	2017
17	Green synthesis of silver nanoparticles using a <i>Melissa officinalis</i> leaf extract with antibacterial properties	MIRIAM ROCIO ESTEVEZ GONZALEZ RAMIRO PEREZ CAMPOS de Jesús Ruíz-Baltazar, Á. et al.	Results in Physics	2017

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18	Synthesis of gold nanoparticles supported on functionalized nanosilica using deep eutectic solvent for an electrochemical enzymatic glucose biosensor	MIRIAM ROCIO ESTEVEZ GONZALEZ RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ et al.	JOURNAL OF MATERIALS CHEMISTRY B	2017
19	Study of PtPd Bimetallic Nanoparticles for Fuel Cell Applications	RODRIGO ALONSO ESPARZA MUÑOZ JOSE ANTONIO MAYA CORNEJO RAMIRO PEREZ CAMPOS et al.	MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS	2017
20	Magnetic structures synthesized by controlled oxidative etching: Structural characterization and magnetic behavior	RAMIRO PEREZ CAMPOS Alvaro de Jesus Ruiz-Baltazar Simon Yobanny Reyes-Lopez	Results in Physics	2017
21	Blocorrosion of bacterial inoculation on the API X52 pipeline steel	RAMIRO PEREZ CAMPOS Amaya M. Reyes-Martínez V.L. et al.	Materials Research Society Symposium Proceedings	2015
22	Preface	RAMIRO PEREZ CAMPOS ARTURO CORTES CUEVAS Mufioz R.A.E.	Materials Research Society Symposium Proceedings	2015
23	Preparation and Characterization of Natural Zeolite Modified with Iron Nanoparticles	Alvaro RuizBaltazar RODRIGO ALONSO ESPARZA MUÑOZ Maykel Gonzalez et al.	JOURNAL OF NANOMATERIALS	2015
24	Kinetic adsorption study of silver nanoparticles on natural zeolite: Experimental and theoretical models	Alvaro RuizBaltazar RAMIRO PEREZ CAMPOS	APPLIED SCIENCES-BASEL	2015
25	Synthesis and characterization of bifunctional α -Fe ₂ O ₃ -Ag nanoparticles	Alvaro RuizBaltazar RODRIGO ALONSO ESPARZA MUÑOZ MIRIAM ROCIO ESTEVEZ GONZALEZ et al.	ADVANCES IN CONDENSED MATTER PHYSICS	2015
26	Fe NANORODS SYNTHESIZED BY HIGH-ENERGY BALL MILLING AND SUBSEQUENT ANNEALING	RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS Chihuahua, J. et al.	ACTA MICROSCOPICA	2012
27	Structural and vibrational properties of hydrothermally grown ZnO nanoparticles	ANDRES AGUILAR NEGRETE ALEJANDRO ESCOBEDO MORALES RAMIRO PEREZ CAMPOS et al.	JOURNAL OF CRYSTAL GROWTH	2011

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28	AIN nanorods synthesized by a mechanothermal process	RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS Patino-Carachure C. et al.	Materials Research Society Symposium Proceedings	2011
29	Corrosion and cracking behavior of the API X-52 and API X-65 steels with cathodic protection	ANDRES AGUILAR NEGRETE RAMIRO PEREZ CAMPOS Rodríguez-Lugo V. et al.	NACE - International Corrosion Conference Series	2011
30	Cathodic protection behavior of API X-52 and API X-65 steels buried in natural soil	RAMIRO PEREZ CAMPOS ANDRES AGUILAR NEGRETE Mendoza D.	NACE - International Corrosion Conference Series	2011
31	Cathodic protection behavior of API X-52 and API X-65 steels buried in natural soil	RAMIRO PEREZ CAMPOS ANDRES AGUILAR NEGRETE Mendoza D.	NACE - International Corrosion Conference Series	2011
32	Corrosion and cracking behavior of the API X-52 and API X-65 steels with cathodic protection	ANDRES AGUILAR NEGRETE RAMIRO PEREZ CAMPOS Gil M.A. et al.	NACE - International Corrosion Conference Series	2011
33	Electron microscopy characterization of humidity ball-milling alcufe intermetallic powders	RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS Patiño-Carachure C. et al.	Materials Research Society Symposium Proceedings	2010
34	Rietveld structure refinement of hydrothermally grown zinc peroxide nanoparticles	ANDRES AGUILAR NEGRETE RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS et al.	Materials Research Society Symposium Proceedings	2010
35	Characterization of the crack propagation in the API X-52 and API X-65 steels into cathodic protection	ANDRES AGUILAR NEGRETE RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS et al.	Materials Research Society Symposium Proceedings	2010

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36	Synthesis of ZnO ₂ nanocrystals produced by hydrothermal process	RODRIGO ALONSO ESPARZA MUÑOZ ANDRES AGUILAR NEGRETE RAMIRO PEREZ CAMPOS et al.	Materials Research Society Symposium Proceedings	2010
37	Phase stability of the Al-Cu-Co decagonal phase under conventional solidification	RAMIRO PEREZ CAMPOS Téllez-Vázquez J.O. Patiño-Carachure C. et al.	Materials Research Society Symposium Proceedings	2010
38	Correlation of silver size nanoparticles between TEM and QELS	MANUELA AZUCENA ESCOBEDO IZQUIERDO RAMIRO PEREZ CAMPOS Rosas G. et al.	Materials Research Society Symposium Proceedings	2010
39	Role of heat treating on the intergranular stress corrosion cracking of alloy 600	ANDRES AGUILAR NEGRETE MANUELA AZUCENA ESCOBEDO IZQUIERDO RAMIRO PEREZ CAMPOS et al.	Materials Research Society Symposium Proceedings	2010
40	Effect of the cathodic protection on steels with different types of soils	ANDRES AGUILAR NEGRETE RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS et al.	NACE - International Corrosion Conference Series	2010
41	Effects of magnetic fields on the corrosion behavior of hydrocarbon transmission pipelines	ANDRES AGUILAR NEGRETE RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS et al.	NACE - International Corrosion Conference Series	2010
42	Effects of magnetic fields on the corrosion behavior of hydrocarbon transmission pipelines	ANDRES AGUILAR NEGRETE RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS et al.	NACE - International Corrosion Conference Series	2010
43	Effect of the cathodic protection on steels with different types of soils	ANDRES AGUILAR NEGRETE RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS et al.	NACE - International Corrosion Conference Series	2010

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44	Relationship between silver concentration with microstructural and mechanical properties of rolled AlZn alloy	SOCORRO DEL CARMEN VALDEZ RODRIGUEZ RAMIRO PEREZ CAMPOS R. A. Rodriguez Diaz et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2010
45	Structural analysis of platinum-palladium nanoparticles dispersed on titanium dioxide to evaluate cyclo-olefines reactivity	NORMA CASTILLO VELAZQUEZ RAMIRO PEREZ CAMPOS Martinez-Ortiz, M. J. et al.	JOURNAL OF ALLOYS AND COMPOUNDS	2010
46	Behavior of corrosion inhibitor on the new ultra high strength steel	ANDRES AGUILAR NEGRETE RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS et al.	NACE - International Corrosion Conference Series	2009
47	Borides precipitation in the FeAl40 intermetallic compound produced by atomization-deposition process	OSVALDO FLORES CEDILLO RAMIRO PEREZ CAMPOS LORENZO MARTINEZ GOMEZ et al.	Advanced Materials Research	2009
48	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
49	Structural transformations of Boron Nitride powders obtained by mechanical milling process	RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS Rosas G. et al.	Advanced Materials Research	2009
50	Structural and chemical characterization of Ptx- Pd1-x bimetallic nanoparticles supported on silica	RAMIRO PEREZ CAMPOS Gallardo A.C. Martínez-Ortiz M.J. et al.	REVIEWS ON ADVANCED MATERIALS SCIENCE	2008
51	Preparation and characterization of bimetallic nanoparticles Pt x-Pd1-x supported on silica	RAMIRO PEREZ CAMPOS Castillo N. García L.A. et al.	Advanced Materials Research	2007
52	Morphological characteristics of the rapidly and conventionally solidified alloys of the AlCuFe system	JOSE REYES GASGA RAMIRO PEREZ CAMPOS Rosas G.	MATERIALS CHARACTERIZATION	2007
53	Synthesis of gold nanoparticles with different atomistic structural characteristics	RODRIGO ALONSO ESPARZA MUÑOZ JORGE ANTONIO ASCENCIO GUTIERREZ RAMIRO PEREZ CAMPOS et al.	MATERIALS CHARACTERIZATION	2007

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54	A comparative study of the SSC resistance of a novel welding process IEA with SAW and MIG	RAMIRO PEREZ CAMPOS Natividad C. Salazar M. et al.	MATERIALS CHARACTERIZATION	2007
55	Structural, morphological and interfacial characterization of Al-Mg/TiC composites	RAMIRO PEREZ CAMPOS Contreras A. Angeles-Chávez C. et al.	MATERIALS CHARACTERIZATION	2007
56	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
57	Tensile strength and ductility of Al-MT (MT = Fe, Ni) intermetallic alloys	RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS Rosas G. et al.	MATERIALS AND MANUFACTURING PROCESSES	2007
58	Electrochemical behavior and microstructural characterization of 1026 Ni-B coated steel	RAMIRO PEREZ CAMPOS Contreras A. León C. et al.	APPLIED SURFACE SCIENCE	2006
59	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
60	Sulphide stress cracking behaviour of weldments produced by indirect electric arc welding	RAMIRO PEREZ CAMPOS Natividad C. Salazar M. et al.	CORROSION ENGINEERING SCIENCE AND TECHNOLOGY	2006
61	Failure probabilities associated with failure regions containing the origin: Application to corroded pressurized pipelines	RAMIRO PEREZ CAMPOS Alamilla J.L. Oliveros J. et al.	REVISTA MEXICANA DE FISICA	2006
62	Sulfide stress cracking susceptibility of welded X-60 and X-65 pipeline steels	RAMIRO PEREZ CAMPOS Gonzalez-Rodriguez J.G. Albiter A. et al.	CORROSION	2006
63	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 NANOTECHNOLOGY	2005
64	Environmental embrittlement characteristics of the AlFe and AlCuFe intermetallic systems	RAMIRO PEREZ CAMPOS Salazar M. Rosas G.	JOURNAL OF NEW MATERIALS FOR ELECTROCHEMICAL SYSTEMS	2005
65	Dielectric properties of vacuum deposited Bi ₂ Te ₃ thin films	VELUMANI SUBRAMANIAM JOSEPH SEBASTIAN PATHIYAMATTOM RAMIRO PEREZ CAMPOS et al.	SOLAR ENERGY MATERIALS AND SOLAR CELLS	2005

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66	Microstructural characteristics of different commercially available API 5L X65 steels	RENE GUARDIAN TAPIA RAMIRO PEREZ CAMPOS Fragiel A. et al.	JOURNAL OF NEW MATERIALS FOR ELECTROCHEMICAL SYSTEMS	2005
67	Quasicrystal phase structural properties in the AlCuCo ternary system	RAMIRO PEREZ CAMPOS Rosas G. Angeles-Chavez C.	JOURNAL OF NEW MATERIALS FOR ELECTROCHEMICAL SYSTEMS	2005
68	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
69	Effect of Mo, Ga and Fe on the corrosion resistance of nanocrystalline NiAl alloy in acidic media	RAMIRO PEREZ CAMPOS Albiter A. Espinosa-Medina M.A. et al.	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2005
70	Electrochemical study of two microalloyed pipeline steels in H ₂ S environments	RAMIRO PEREZ CAMPOS Fragiel A. Serna S.	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2005
71	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 MANUFACTURING PROCESSES	2005
72	Experimental design and results from the preparation of precursory powders of ZrO ₂ (3%Y ₂ O ₃)/(10-95)% Al ₂ O ₃ composite	RAMIRO PEREZ CAMPOS Zárate J. Juárez H. et al.	POWDER TECHNOLOGY	2005
73	Slow strain rate corrosion and fracture characteristics of X-52 and X-70 pipeline steels	RAMIRO PEREZ CAMPOS Salazar M. Albiter A. et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2005

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74	Life prediction estimation of an underground pipeline using alternate current impedance and reliability analysis	HOMERO CASTAÑEDA LOPEZ RAMIRO PEREZ CAMPOS Alamilla J.	CORROSION	2004
75	Processing and characterization of Al-Cu and Al-Mg base composites reinforced with TiC	RAMIRO PEREZ CAMPOS Bedolla E. Albiter A. et al.	ADVANCED ENGINEERING MATERIALS	2004
76	Interfacial phenomena in wettability of TiC by Al-Mg alloys	RAMIRO PEREZ CAMPOS Contreras A. Bedolla E.	ACTA MATERIALIA	2004
77	Mechanical and microstructural effects on the stress corrosion cracking of weld beads of X-52 and X-70 pipeline steels	RAMIRO PEREZ CAMPOS Angeles-Chavez C. Albiter A. et al.	REVISTA MEXICANA DE FISICA	2004
78	Microstructural properties of the Al-Mgx/TiC composites obtained by infiltration techniques	RAMIRO PEREZ CAMPOS Contreras A. Albiter A.	JOURNAL OF PHYSICS-CONDENSED MATTER	2004
79	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
80	Film kinetics of X-65 steel in the presence of amine based inhibitors and H ₂ S for the system Fe-CO ₂ -Cl under hydrodynamic conditions	HOMERO CASTAÑEDA LOPEZ RAMIRO PEREZ CAMPOS Barraza I. et al.	Nace Meeting Papers	2004
81	Preparation and microstructural characterization of Pt-Pd bimetallic catalysts supported on TiO ₂	RAMIRO PEREZ CAMPOS Sandoval C.A.F. Serrano L.A.G. et al.	2003 Nanotechnology Conference And Trade Show - Nanotech 2003	2003
82	Influence of the hydrophobic material content in the gas diffusion electrodes on the performance of a PEM fuel cell	ANA LILIA OCAMPO FLORES JOSEPH SEBASTIAN PATHIYAMATTOM MASCHA AFRA SMIT et al.	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2003
83	Improvement of the mechanical properties in a nanocrystalline NiAl intermetallic alloy with Fe, Ga and Mo additions	RAMIRO PEREZ CAMPOS Drew R.A.L. Bedolla E. et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2003

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84	Structural and mechanical properties of the AlFe intermetallic alloy with Li, Ce and Ni additions	RAMIRO PEREZ CAMPOS Salazar M. Albiter A. et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2003
85	Studies of nanocluster coalescence at high temperature	RAMIRO PEREZ CAMPOS JORGE ANTONIO ASCENCIO GUTIERREZ José-Yacaman M. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2003
86	The effect of Li, Ce and Ni additions on the microstructure and the mechanical properties in the AlFe intermetallic system	RAMIRO PEREZ CAMPOS Salazar M. Rosas G.	Materials Science Forum	2003
87	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
88	Structural and chemical characterization of precipitates in Al-2024/TiC composites	RAMIRO PEREZ CAMPOS Bedolla E. Contreras A. et al.	COMPOS PART A-APPL S	2003
89	Stress corrosion cracking behavior of microalloyed pipeline steels exposed to pressurized sour gas environments	LORENZO MARTINEZ GOMEZ RAMIRO PEREZ CAMPOS Albarran J.L. et al.	NACE - International Corrosion Conference Series	2003
90	Bacterial influence on the corrosion of API-XL70 steel	RAMIRO PEREZ CAMPOS LORENZO MARTINEZ GOMEZ Amaya M.	NACE - International Corrosion Conference Series	2002
91	Growth of carbon nanotubes and nanofibres in porous anodic alumina film	RENE GUARDIAN TAPIA DWIGHT ROBERTO ACOSTA NAJARRO LORENZO MARTINEZ GOMEZ et al.	Carbon	2002

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92	On the processing of Fe-C-Mn-Nb steels to produce plates for pipelines with sour gas resistance	RAMIRO PEREZ CAMPOS JULIO ALBERTO JUAREZ ISLAS Mendoza R. et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2002
93	Microstructure characterization of the NiAl intermetallic compound with Fe, Ga and Mo additions obtained by mechanical alloying	RAMIRO PEREZ CAMPOS Bedolla E. Albiter A.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2002
94	Microbiologically influenced corrosion by citrobacter in sour gas pipelines	RAMIRO PEREZ CAMPOS OSVALDO FLORES CEDILLO LORENZO MARTINEZ GOMEZ et al.	MATERIALS PERFORMANCE	2002
95	Pore structure, barrier layer topography and matrix alumina structure of porous anodic alumina film	LORENZO MARTINEZ GOMEZ RAMIRO PEREZ CAMPOS Sellmyer D.J. et al.	Thin Solid Films	2002
96	Stability and phase transition of sodium nanoclusters	RAMIRO PEREZ CAMPOS JORGE ANTONIO ASCENCIO GUTIERREZ Liu H.B. et al.	SURFACE SCIENCE	2002
97	On the transformations of the γ -AlCuFe icosahedral phase	RAMIRO PEREZ CAMPOS Rosas G.	MATERIALS LETTERS	2001
98	Characterization and wear behavior of pulsed electrode surfacing coatings	BERNARDO FABIAN CAMPILLO ILLANES RAMIRO PEREZ CAMPOS Sudarshan T.S. et al.	Wear	2001
99	On the relationships between isothermal phase diagrams and quasicrystalline phase transformations in AlCuFe alloys	RAMIRO PEREZ CAMPOS Rosas G.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2001

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100	Synthesis of nanostructured metals and metal alloys from organometallics	PATRICIA SANTIAGO JACINTO RAMIRO PEREZ CAMPOS Jose-Yacaman M. et al.	COORDINATION CHEMISTRY REVIEWS	2000
101	High performance alloys – structural characterization of AlTiFe ternary systems	RAMIRO PEREZ CAMPOS	MATERIALS TECHNOLOGY	2000
102	Preparation of Al ₃ Ti and L1 ₂ Al ₃ Ti–base alloys microalloyed with Fe by a melting/casting rapid-solidification technique	RAMIRO PEREZ CAMPOS Angeles C. Rosas G.	MATERIALS AND MANUFACTURING PROCESSES	2000
103	Wear characteristics of a WC/6%Co coating deposited by a pulsed electrode technique [Características en el desgaste de recubrimientos de WC/6%Co depositados utilizando una tecnica de electrodo pulsante]	BERNARDO FABIAN CAMPILLO ILLANES IVONNE ROSALES CHAVEZ RAMIRO PEREZ CAMPOS et al.	Informacion Tecnologica	1999
104	Corrosion behavior of electrolytic NiCoB coatings	BERNARDO FABIAN CAMPILLO ILLANES RAMIRO PEREZ CAMPOS Rodriguez C. et al.	CORROS REV	1999
105	Electrodeposition conditions of Pb–Cd alloy for wear applications	BERNARDO FABIAN CAMPILLO ILLANES RAMIRO PEREZ CAMPOS Arganis C. et al.	SURFACE ENGINEERING	1998
106	Characterization of a solid solution of Cu in Al–Cu–SiCp metal matrix composites processed by spray atomization and co-deposition	JULIO ALBERTO JUAREZ ISLAS BERNARDO FABIAN CAMPILLO ILLANES RAMIRO PEREZ CAMPOS et al.	JOURNAL OF MATERIALS SCIENCE	1998
107	Characterization of nanostructured materials using SEM and HREM techniques	RAMIRO PEREZ CAMPOS Gomez J.	MICROSCOPY RESEARCH AND TECHNIQUE	1998
108	On the nature of quasicrystal phase transitions in AlCuFe alloys	RAMIRO PEREZ CAMPOS Rosas G.	MATERIALS LETTERS	1998
109	Microstructural and chemical characterization of Al ₃ Ti alloy obtained with a rapid solidification technique	RAMIRO PEREZ CAMPOS Rosas G. Angeles C.	MATERIALS CHEMISTRY AND PHYSICS	1998
110	Poly-3-methylthiophene/CuInSe ₂ solar cell formed by electrodeposition and processing	JOSEPH SEBASTIAN PATHIYAMATTOM SERGIO ALBERTO GAMBOA SANCHEZ RAMIRO PEREZ CAMPOS et al.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	1998
111	Mo–Ru–W chalcogenide electrodes prepared by chemical synthesis and screen printing for fuel cell applications	JOSEPH SEBASTIAN PATHIYAMATTOM RAMIRO PEREZ CAMPOS Rodríguez F.J. et al.	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	1998

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112	Crystalline and quasicrystalline phases in AlCuFe and AlCuFeCr alloys	RAMIRO PEREZ CAMPOS Rosas G.	JOURNAL OF MATERIALS SCIENCE	1997
113	Applications of electron microscopy and atomic force microscopy in corrosion investigations	RAMIRO PEREZ CAMPOS OSVALDO FLORES CEDILLO Zaragoza A. et al.	CORROS REV	1997
114	Study of aging and embrittlement of microalloyed steel bars	BERNARDO FABIAN CAMPILLO ILLANES RAMIRO PEREZ CAMPOS Martinez L.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	1996
115	Microscopic structure of gold particles in a metal polymer composite film	PATRICIA SANTIAGO JACINTO RAMIRO PEREZ CAMPOS José-Yacamán M. et al.	APPLIED PHYSICS LETTERS	1996
116	Microstructural and chemical characterization of MIC products from stainless steel probes in seawater using SEM and AFM techniques	RAMIRO PEREZ CAMPOS OSVALDO FLORES CEDILLO LORENZO MARTINEZ GOMEZ et al.	NACE - International Corrosion Conference Series	1996
117	Surface-functionalized nanostructured gold/polymer composite films	RAMIRO PEREZ CAMPOS Gonsalves K.E. Carlson G. et al.	J MATER SCI LETT	1996
118	Synthesis and nonlinear optical characterization of nanostructured gold/polymer composites and suspensions	RAMIRO PEREZ CAMPOS Gonsalves K.E. Carlson G. et al.	NANOSTRUCT MATER	1996
119	Microstructural and mechanical evaluations of spray-deposited 7XXX Al-alloys after conventional consolidation	JULIO ALBERTO JUAREZ ISLAS RAMIRO PEREZ CAMPOS Lavernia E.J. et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	1994
120	Improving the efficiency of magnesium sacrificial anodes	JULIO ALBERTO JUAREZ ISLAS RAMIRO PEREZ CAMPOS Genesca J.	JOM	1993
121	Development of high-strength, high-conductivity copper alloys by rapid solidification	JULIO ALBERTO JUAREZ ISLAS RAMIRO PEREZ CAMPOS Albarran L.A. et al.	J MATER SCI LETT	1992
122	HREM studies of rapidly solidified NiFeAlB shape memory alloys	JULIO ALBERTO JUAREZ ISLAS RAMIRO PEREZ CAMPOS Savage S.J.	MATERIALS LETTERS	1992

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123	The effect of electron irradiation in high-Tc oxide superconductors	ESBAIDE ADEM CHAHIN JORGE EDUARDO RICKARDS CAMPBELL ELIGIO ALBERTO OROZCO MENDOZA et al.	JOURNAL OF MATERIALS RESEARCH	1988
124	On the structure of the quasicrystalline T phase in Al86Mn14 alloy	RAMIRO PEREZ CAMPOS J. GUADALUPE PEREZ RAMIREZ ALFREDO GOMEZ RODRIGUEZ et al.	SCRIPTA METALL MATER	1986
125	INFLUENCE OF GRINDING BALL COMPOSITION AND WET GRINDING CONDITIONS ON METAL WEAR.	RAMIRO PEREZ CAMPOS Moore J.J.	Wear Of Materials: International Conference On Wear Of Materials	1983

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	GRAIN BOUNDARIES IN AN Fe-Al ALLOY: CHARACTERIZATION OF GRAIN BOUNDARY ENSEMBLES AND CRACK PROPAGATION IN AN Fe-Al ALLOY	JULIO ALBERTO JUAREZ ISLAS RAMIRO PEREZ CAMPOS OSVALDO FLORES CEDILLO et al.	Capítulo de un Libro	2023	9781000944044
2	Characterization of Metals and Alloys	RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ Antonio Contreras Cuevas	Libro Completo	2016	9783319316932
3	Characterization of metals and alloys	RAMIRO PEREZ CAMPOS ARTURO CORTES CUEVAS RODRIGO ALONSO ESPARZA MUÑOZ	Libro Completo	2016	9783319316949
4	Mechanical properties of spray-atomized FeAl40 at.%Al alloys	RAMIRO PEREZ CAMPOS Amaya M. Romero J.M. et al.	Capítulo de un Libro	2015	9783319152042
5	Materials Characterization	RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ Antonio Contreras Cuevas	Libro Completo	2015	9783319152035

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6	Structural and Chemical Characterization of Metals, Alloys, and Compounds – 2014: Volume 1766	RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ Antonio Contreras Cuevas	Libro Completo	2015	9781605117430
7	Materials characterization	RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ Cuevas A.C.	Libro Completo	2015	9783319152042
8	Synthesis and characterization of bimetallic nano particles by Cs-corrected scanning transmission electron microscopy	RAMIRO PEREZ CAMPOS	Capítulo de un Libro	2015	9783319152035
9	Structural and Chemical Characterization of Metals	RODRIGO ALONSO ESPARZA MUÑOZ RAMIRO PEREZ CAMPOS Antonio Contreras Cuevas	Libro Completo	2014	9783038351078
10	Corrosion and degradation of materials for biocombustibles	RAMIRO PEREZ CAMPOS Jose Trinidad Perez-Quiroz Nancy Leticia Araujo-Arreola et al.	Article	2013	9788494023477
11	Structural and chemical characterization of metals, alloys and compounds – 2011	RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ Antonio Contreras Cuevas	Libro Completo	2012	9781605113494
12	Memorias del Noveno Coloquio de Tecnología de la UNAM	ANA LEONOR RIVERA LOPEZ RAMIRO PEREZ CAMPOS	Libro Completo	2012	9786070239434
13	Structural and chemical characterization of metals, alloys and compounds: symposium held August 15-19, 2010, Cancún, Mexico	RAMIRO PEREZ CAMPOS RODRIGO ALONSO ESPARZA MUÑOZ	Libro Completo	2010	9781605112527
14	Structural study of Ptx-Pd1-x nanoparticles supported on silica by high resolution electron microscopy	RAMIRO PEREZ CAMPOS Castillo N. Barriga L.D. et al.	Conferenc e Paper	2007	1420063421
15	Structural analysis of Ptx-Pd1-x nanoparticles supported on silica by high resolution electron microscopy	RAMIRO PEREZ CAMPOS Castillo N. Barriga L.D. et al.	Conferenc e Paper	2007	1420063421



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PARTICIPACIÓN EN PROYECTOS

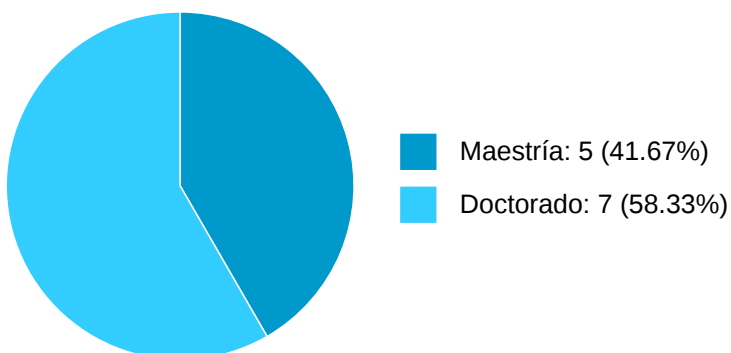
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Estudio de nanopartículas bimetálicas AgPd Y NiPd para su uso como electrocatalizadores en celdas de combustible de etanol directo	Tesis de Doctorado	RAMIRO PEREZ CAMPOS,	Santoveña Uribe, Alejandro Alan,	Instituto de Ciencias Físicas,	2021
2	Desarrollo de dispositivos TIO ₂ / PTB7:PC70BM modificados con óxido de grafeno y nanopartículas de plata	Tesis de Doctorado	RAMIRO PEREZ CAMPOS,	JOSE SANTOS CRUZ, García Alvarado, Guillermo Iván,	Instituto de Ciencias Físicas,	2020
3	Desarrollo de un gel con propiedades ópticas de filtrado en la región del ir medio y su uso en la termografía clínica de la glándula mamaria	Tesis de Maestría	RAMIRO PEREZ CAMPOS,	Padilla Hernández, Ricardo Enrique,	Instituto de Ciencias Físicas,	2018
4	Síntesis y caracterización de nanopartículas de plata soportadas en hidroxiapatita	Tesis de Maestría	RAMIRO PEREZ CAMPOS,	Larrañaga Ordaz, Daniel,	Instituto de Ciencias Físicas,	2017

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5	Comportamiento de la corrosión en el acero API X52 protegido catódicamente bajo el efecto de un campo magnético	Tesis de Maestría	RAMIRO PEREZ CAMPOS,	Moreno Oregel, Carlos Enrique,	Instituto de Ciencias Físicas,	2017
6	Síntesis de nanopartículas base hierro recubiertas con Au, Pd y Pt	Tesis de Maestría	RAMIRO PEREZ CAMPOS,	Piñón Hernández, Juan Ramón,	Instituto de Ciencias Físicas,	2015
7	Evaluación del agrietamiento inducido por corrosión en cordones de soldadura de acero API x-65	Tesis de Doctorado	RAMIRO PEREZ CAMPOS,	Natividad Murillo, Constantino,	Instituto de Ciencias Físicas,	2013
8	Estudio de los niveles de protección catódica de aceros API en diferentes medios	Tesis de Maestría	RAMIRO PEREZ CAMPOS,	Mendoza Morales, Diego,	Instituto de Ciencias Físicas,	2011
9	Preparación y caracterización química y estructural de las nanopartículas bimetálicas de platino y paladio depositadas en sílice	Tesis de Doctorado	RAMIRO PEREZ CAMPOS,	Castillo Hernández, Nancy Edith,	Instituto de Ciencias Físicas,	2009
10	Características microestructurales, comportamiento electroquímico y agrietamiento asistido por el medio ambiente (medio amargo H ₂ S) de aceros para la fabricación de ductos de transmisión de hidrocarburos	Tesis de Doctorado	RAMIRO PEREZ CAMPOS,	Fragiel Alcina, Amilkar Sebastian,		2004
11	Procesamiento selectivo del compuesto ZrO ₂ -3% Y ₂ O ₃ /Al ₂ O ₃ y su caracterización	Tesis de Doctorado	RAMIRO PEREZ CAMPOS,	Zarate Medina, Juan,		2002



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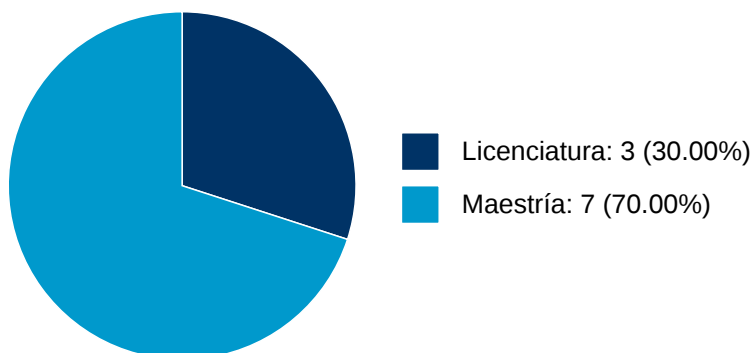
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12	Características y propiedades de aleaciones Al-Ni, con adiciones de elementos menores producidos por aleado mecanico	Tesis de Doctorado	RAMIRO PEREZ CAMPOS,	Albiter Hernandez, Apolinar,	2001
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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	FUNDAMENTOS DE METALURGIA FISICA	Instituto de Investigaciones en Materiales	1	2018-1
2	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRONICOS,MICROSCOPIA ELECTRONICA AVANZADA	Instituto de Investigaciones en Materiales	1	2018-1
3	Maestría	ESTRUCTURA DE LOS MATERIALES-304395	Instituto de Investigaciones en Materiales	1	2017-1
4	Maestría	ESTRUCTURA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	2	2016-2
5	Maestría	FUNDAMENTOS DE METALURGIA FISICA	Instituto de Investigaciones en Materiales	3	2016-1
6	Licenciatura	SEMINARIO DE PROYECTOS-36743	Centro de Física Aplicada y Tecnología Avanzada	1	2016-1
7	Maestría	ESTRUCTURA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	7	2015-2
8	Licenciatura	ESTANCIA DE INVESTIGACION I	Centro de Física Aplicada y Tecnología Avanzada	24	2014-1



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9	Licenciatura	ESTANCIA DE INVESTIGACION I	Centro de Física Aplicada y Tecnología Avanzada	19	2013-1
10	Maestría	TEMAS SELECTOS DE METALURGIA	Instituto de Investigaciones en Materiales	1	2011-1



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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