



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



LEONEL SUSANO COTA ARAIZA

Datos Generales

Nombre: LEONEL SUSANO COTA ARAIZA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 51 años

Nombramientos

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Desde 01-01-2008 (fecha inicial de registros en el
SIIA) hasta 31-12-2023

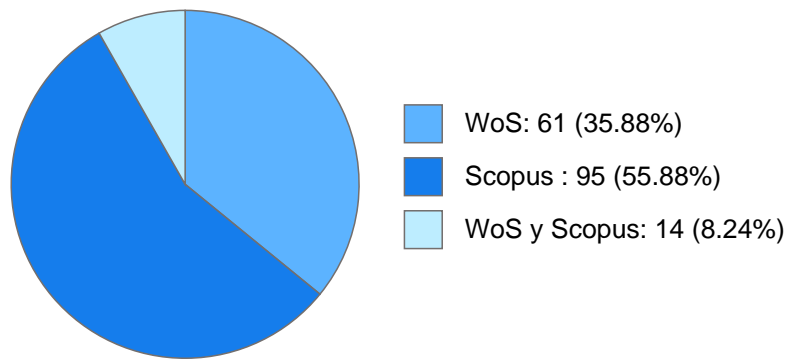
Estímulos, programas, premios y reconocimientos

SNI III - 2021
PRIDE D - 2023

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Role of different atmosphere gasses during annealing in chemical-solution-deposition NiO thin films processing	NOEMI ABUNDIZ CISNEROS LEONEL SUSANO COTA ARAIZA WENCEL JOSE DE LA CRUZ HERNANDEZ et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2023
2	Performance of Al-MCM-41 nanospheres as catalysts for dimethyl ether production	RICARDO VALDEZ CASTRO LEONEL SUSANO COTA ARAIZA AMELIA OLIVAS SARABIA et al.	CATALYSIS TODAY	2022
3	SnOx thin films with tunable conductivity for fabrication of p-n homo-junction	LEONEL SUSANO COTA ARAIZA WENCEL JOSE DE LA CRUZ HERNANDEZ Garzon-Fontecha A. et al.	SURFACE AND INTERFACE ANALYSIS	2021
4	Relationship between CH4/Ar ratio, stoichiometry, and mechanical properties of TaCx coatings produced by reactive magnetron sputtering	HARVI ALIRIO CASTILLO CUERO LEONEL SUSANO COTA ARAIZA WENCEL JOSE DE LA CRUZ HERNANDEZ et al.	APPLIED SURFACE SCIENCE	2021
5	Effect of microstructure and temperature on the stress corrosion cracking of two microalloyed pipeline steels in H2S environment for gas transport	SERGIO ALONSO SERNA BARQUERA BERNARDO FABIAN CAMPILLO ILLANES LEONEL SUSANO COTA ARAIZA et al.	ENGINEERING FAILURE ANALYSIS	2019

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6	Highly selective CuO/G?Al ₂ O ₃ catalyst promoted with hematite for efficient methanol dehydration to dimethyl ether	MARIA GUADALUPE MORENO ARMENTA ROGELIO VALDEZ DELGADO JAIME ANTONIO MARTUSCELLI QUINTANA et al.	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2018
7	Morphology of ferromagnetic cobalt nanoparticles grown on Al ₂ O ₃ (0001) by pulsed laser deposition	WENCEL JOSE DE LA CRUZ HERNANDEZ LEONEL SUSANO COTA ARAIZA Gallardo-Vega C. et al.	Journal of Advanced Microscopy Research	2013
8	Formation of Nanostructures in Highly Irradiated Poly (Vinyl Chloride)	ESBAIDE ADEM CHAHIN DONALD HOMERO GALVAN MARTINEZ LEONEL SUSANO COTA ARAIZA et al.	FULLERENES NANOTUBES AND CARBON NANOSTRUCTUR ES	2010
9	Influence of the N ₂ partial pressure on the mechanical properties and tribological behavior of zirconium nitride deposited by reactive magnetron sputtering	A. Fragiél LEONEL SUSANO COTA ARAIZA Staia, M. H. et al.	SURFACE & COATINGS TECHNOLOGY	2008
10	Correlation between optical characterization of the plasma in reactive magnetron sputtering deposition of Zr-N on SS 316L and surface and mechanical properties of the deposited	A. Fragiél ROBERTO MACHORRO MEJIA LEONEL SUSANO COTA ARAIZA et al.	APPLIED SURFACE SCIENCE	2008
11	Growth mechanism of iron nanoparticles on (0001) sapphire wafers	WENCEL JOSE DE LA CRUZ HERNANDEZ LEONEL SUSANO COTA ARAIZA Gallardo-Vega, C. et al.	MICROELECTRO N J	2008
12	First nucleation steps of nickel nanoparticle growth on Al ₂ O ₃ (0001) studied by XPS inelastic peak shape analysis	WENCEL JOSE DE LA CRUZ HERNANDEZ LEONEL SUSANO COTA ARAIZA Gallardo-Vega, C. et al.	APPLIED SURFACE SCIENCE	2008
13	CHARACTERISATION OF MATERIALS AND TECHNIQUES USED IN MEXICAN ROCK PAINTINGS	LEONEL SUSANO COTA ARAIZA Valdez, Benjamin Cobo, Juan et al.	Rock Art Research	2008
14	Dissimilar mechanical properties-microstructures microalloyed pipeline steels cracking performance under sour environment	BERNARDO FABIAN CAMPILLO ILLANES LEONEL SUSANO COTA ARAIZA Fragiel A. et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTU RE AND PROCESSING	2007

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15	Study by AES of the titanium nitration in the growing of TiN thin films by PLD technique	LEONEL SUSANO COTA ARAIZA WENCEL JOSE DE LA CRUZ HERNANDEZ Gonzalez-Valenzuela C. et al.	APPLIED SURFACE SCIENCE	2006
16	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
17	Influence of the N ₂ on TiN thin film grown by PLD	WENCEL JOSE DE LA CRUZ HERNANDEZ JESUS ANTONIO DIAZ HERNANDEZ LEONEL SUSANO COTA ARAIZA et al.	MICROSCOPY AND MICROANALYSIS	2004
18	Study of surface chemical changes in PVDF irradiated by 1.3 MeV electrons	ESBAIDE ADEM CHAHIN SOFIA GUILLERMINA BURILLO AMEZCUA JORGE EDUARDO RICKARDS CAMPBELL et al.	POLYMER BULLETIN	2004
19	Changes in the physical and chemical properties of PVDF irradiated by 4 MeV protons	ESBAIDE ADEM CHAHIN JORGE EDUARDO RICKARDS CAMPBELL EDUARDO ADALBERTO MUÑOZ PICONE et al.	REVISTA MEXICANA DE FISICA	2003
20	Pulsed Laser Deposition in a Zinc Alloy Corrosion Study	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA Guerrero-Penalva R.	Materials Research Society Symposium Proceedings	2003
21	Surface analysis of the environmental corrosion of zinalco (Zn-22Al-2Cu) alloy	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA Guerrero-Penalva R.	Materials Research Society Symposium Proceedings	2003
22	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 NANOTECHNOLOGY	2002

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23	Corrosion study of a Zn-22Al-2Cu alloy with the surface modified by an Y2O3 thin film	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA Guerrero-Penalva R.	SURFACE REVIEW AND LETTERS	2002
24	Modifications of unpromoted and cobalt-promoted MoS2 during thermal treatment by dimethylsulfide	LEONEL SUSANO COTA ARAIZA Berhault G. Duarte Moller A. et al.	CATALYSIS LETTERS	2002
25	Surface review and letters: Preface	LEONEL SUSANO COTA ARAIZA Ponce F. Ulloa S.	SURFACE REVIEW AND LETTERS	2002
26	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
27	Increase in corrosion resistance of Zn-22Al-2Cu alloy by depositing an Y2O3 film studied by Auger electron spectroscopy	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA Guerrero R.	APPLIED SURFACE SCIENCE	2002
28	Corrosion study of a Zn-22Al-2Cu alloy coated with Y2O3	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA Guerrero R.	SURFACE & COATINGS TECHNOLOGY	2002
29	Surface analysis of the environmental corrosion of zinalco (Zn-22Al-2Cu) alloy	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA Guerrero R.	APPLIED SURFACE SCIENCE	2002
30	DLC thin films characterized by AES, XPS and EELS	ENRIQUE CUAUHTEMOC SAMANO TIRADO GERARDO SOTO HERRERA AMELIA OLIVAS SARABIA et al.	APPLIED SURFACE SCIENCE	2002
31	Study of composition and bonding character of CNx films	GERARDO SOTO HERRERA ENRIQUE CUAUHTEMOC SAMANO TIRADO ROBERTO MACHORRO MEJIA et al.	APPLIED SURFACE SCIENCE	2001
32	Modification of refractive index in silicon oxynitride films during deposition	ROBERTO MACHORRO MEJIA ENRIQUE CUAUHTEMOC SAMANO TIRADO GERARDO SOTO HERRERA et al.	MATERIALS LETTERS	2000
33	Pulsed laser deposition of crystalline Fe nanoparticles on Al2O3 substrates	WENCEL JOSE DE LA CRUZ HERNANDEZ LEONEL SUSANO COTA ARAIZA	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	2000
34	Epitaxial growth and characterization of Fe thin films on sapphire by laser ablation	WENCEL JOSE DE LA CRUZ HERNANDEZ LEONEL SUSANO COTA ARAIZA	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	2000

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35	Study of different forms of carbon by analytical electron microscopy	MIGUEL AVALOS BORJA GUSTAVO ALONSO HIRATA FLORES LEONEL SUSANO COTA ARAIZA et al.	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA	1999
36	Electropolishing of Zinalco and characterization of resulting surface	LEONEL SUSANO COTA ARAIZA ROBERTO MACHORRO MEJIA Guerrero R.	SURFACE ENGINEERING	1999
37	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
38	In situ ellipsometric characterization of SiN _x films grown by laser ablation	ENRIQUE CUAUHEMOC SAMANO TIRADO ROBERTO MACHORRO MEJIA GERARDO SOTO HERRERA et al.	JOURNAL OF APPLIED PHYSICS	1998
39	Growth of SiC and SiC _x N _y films by pulsed laser ablation of SiC in Ar and N ₂ environments	GERARDO SOTO HERRERA ENRIQUE CUAUHEMOC SAMANO TIRADO ROBERTO MACHORRO MEJIA et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	1998
40	Effects of background gas-plume interaction in the deposition of SiN _x films	ENRIQUE CUAUHEMOC SAMANO TIRADO ROBERTO MACHORRO MEJIA GERARDO SOTO HERRERA et al.	APPLIED SURFACE SCIENCE	1998
41	SiC _x N _y , thin films alloys prepared by pulsed excimer laser deposition	ROBERTO MACHORRO MEJIA ENRIQUE CUAUHEMOC SAMANO TIRADO GERARDO SOTO HERRERA et al.	APPLIED SURFACE SCIENCE	1998
42	Hardness and morphological characterization of tungsten carbide thin films	LEONEL SUSANO COTA ARAIZA Zambrano G. Prieto P. et al.	SURFACE & COATINGS TECHNOLOGY	1998
43	Refractive index modification during deposition of silicon oxynitride films prepared by reactive laser ablation	ROBERTO MACHORRO MEJIA GERARDO SOTO HERRERA ENRIQUE CUAUHEMOC SAMANO TIRADO et al.	Materials Research Society Symposium Proceedings	1998
44	Evolution of the phases and chemical composition during the formation of CIS thin films prepared by interdiffusion process in selenides layers	LEONEL SUSANO COTA ARAIZA Teherán P. Cediél G. et al.	JOURNAL OF CRYSTAL GROWTH	1998
45	Characterization of excess Si in nonstoichiometric SiO ₂ films by optical and surface analysis techniques	JESUS MARIA SIQUEIROS BELTRONES ROBERTO MACHORRO MEJIA LEONEL SUSANO COTA ARAIZA et al.	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	1997

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46	PEELS and EXELFS characterization of diamond films grown by the HF-CVD technique on non-scratched Si substrates	OSCAR EDEL CONTRERAS LOPEZ GUSTAVO ALONSO HIRATA FLORES MIGUEL AVALOS BORJA et al.	Thin Solid Films	1997
47	Microstructural identification of SiNx films by real-time ellipsometry	GERARDO SOTO HERRERA ENRIQUE CUAUHTEMOC SAMANO TIRADO ROBERTO MACHORRO MEJIA et al.	Materials Research Society Symposium Proceedings	1997
48	In situ monitoring and characterization of SiC interface formed in carbon films grown by pulsed laser deposition	ENRIQUE CUAUHTEMOC SAMANO TIRADO GERARDO SOTO HERRERA JOSE OCTAVIO VALENZUELA TIJERINO et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	1997
49	Low resistance contact to CdTe thin films	WENCEL JOSE DE LA CRUZ HERNANDEZ LEONEL SUSANO COTA ARAIZA Florez M. et al.	IEEE Photovoltaic Specialists Conference	1996
50	CO oxidation by Bi ₂ MoO ₆ -?(H) catalyst	DONALD HOMERO GALVAN MARTINEZ MIGUEL AVALOS BORJA LEONEL SUSANO COTA ARAIZA et al.	Materials Research Society Symposium Proceedings	1995
51	Structural, optical and electrical properties characterization of CdSbTe thin films grown by radiofrequency sputtering	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA Alvarez-Fregoso O. et al.	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	1995
52	Diamond films grown on p-type microcrystalline-SiC:H/crystalline-Si substrates	GUSTAVO ALONSO HIRATA FLORES LEONEL SUSANO COTA ARAIZA MARIO HUMBERTO FARIAS SANCHEZ et al.	DIAMOND AND RELATED MATERIALS	1994
53	Optical properties of boron nitride thin films	STEPHEN MUHL SAUNDERS LEONEL SUSANO COTA ARAIZA GERARDO SOTO HERRERA et al.	DIAMOND AND RELATED MATERIALS	1994
54	Effect of silver in YBa ₂ Cu ₃ O _{7-x} samples	DONALD HOMERO GALVAN MARTINEZ MIGUEL AVALOS BORJA MARIO HUMBERTO FARIAS SANCHEZ et al.	JOURNAL OF MATERIALS SCIENCE	1994
55	Blue photoluminescence from CeCl ₂ doped Al ₂ O ₃ films	ISRAEL GRADILLA MARTINEZ GERARDO SOTO HERRERA LEONEL SUSANO COTA ARAIZA et al.	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	1994
56	Comparison of irradiation effects of electrons and gamma rays on PVC samples	LEONEL SUSANO COTA ARAIZA ESBAIDE ADEM CHAHIN SOFIA GUILLERMINA BURILLO AMEZCUA et al.	RADIATION PHYSICS AND CHEMISTRY	1994

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57	Auger electron spectroscopy study of silver incorporation in epitaxial Y-Ba-Cu-O superconducting films grown on MgO by laser ablation	GUSTAVO ALONSO HIRATA FLORES LEONEL SUSANO COTA ARAIZA MARIO HUMBERTO FARIAS SANCHEZ et al.	APPLIED PHYSICS LETTERS	1994
58	Nucleation and growth of diamond films on mu c-SiC/x-Si by hot-filament CVD	GUSTAVO ALONSO HIRATA FLORES LEONEL SUSANO COTA ARAIZA OSCAR EDEL CONTRERAS LOPEZ et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	1993
59	Structural properties of low temperature silicon oxide films prepared by remote plasma-enhanced chemical vapor deposition	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA GERARDO SOTO HERRERA et al.	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	1993
60	Structure and catalytic activity characterization of bismuth molybdate catalysts	DONALD HOMERO GALVAN MARTINEZ MIGUEL AVALOS BORJA LEONEL SUSANO COTA ARAIZA et al.	CATALYSIS LETTERS	1993
61	CO oxidation of Bi ₂ MoO ₆ catalysts	DONALD HOMERO GALVAN MARTINEZ MIGUEL AVALOS BORJA LEONEL SUSANO COTA ARAIZA et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	1993
62	Microcrystalline particles formed in highly irradiated PVC	ESBAIDE ADEM CHAHIN LEONEL SUSANO COTA ARAIZA SOFIA GUILLERMINA BURILLO AMEZCUA et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	1993
63	Characterization of highly irradiated poly(vinyl chloride)	ESBAIDE ADEM CHAHIN LEONEL SUSANO COTA ARAIZA SOFIA GUILLERMINA BURILLO AMEZCUA et al.	Radiation Physics And Chemistry	1992
64	Ternary system of a ceramic superconductor Y-Ba-Cu-O	DONALD HOMERO GALVAN MARTINEZ LEONEL SUSANO COTA ARAIZA MARIO HUMBERTO FARIAS SANCHEZ et al.	J MATER SCI LETT	1992
65	Characterization of highly irradiated poly(vinyl chloride)	ESBAIDE ADEM CHAHIN LEONEL SUSANO COTA ARAIZA SOFIA GUILLERMINA BURILLO AMEZCUA et al.	International Journal Of Radiation Applications And Instrumentation. Part	1992
66	The effect on T _c of variations of the constituents in the Y-Ba-Cu-O system	DONALD HOMERO GALVAN MARTINEZ LEONEL SUSANO COTA ARAIZA MARIO HUMBERTO FARIAS SANCHEZ et al.	J MATER SCI LETT	1991
67	Nuclear reactions as a probe of fluorine content in SnO ₂ :F thin films	JORGE EDUARDO RICKARDS CAMPBELL MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA et al.	Thin Solid Films	1991

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68	Electron beam effects on Bi-Sr-Ca-Cu-0 superconductors	LEONEL SUSANO COTA ARAIZA DONALD HOMERO GALVAN MARTINEZ MARIO HUMBERTO FARIAS SANCHEZ	JOURNAL OF MATERIALS RESEARCH	1991
69	The Role of an Amorphous Sic:H ?Buffer? in the High-Performance μ c-Sic:H/aSic:H/Poly-Si Heterojunction Solar Cells	GUSTAVO ALONSO HIRATA FLORES MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA et al.	IEEE ELECTRON DEVICE LETTERS	1991
70	Variable energy gap in oxygenated amorphous cadmium telluride	MARIO HUMBERTO FARIAS SANCHEZ GERARDO SOTO HERRERA LEONEL SUSANO COTA ARAIZA et al.	JAPANESE JOURNAL OF APPLIED PHYSICS	1991
71	Preparation of cubic boron nitride films by plasma-enhanced chemical vapour deposition of BF ₃ , N ₂ and H ₂ gas mixtures	STEPHEN MUHL SAUNDERS GERARDO SOTO HERRERA LEONEL SUSANO COTA ARAIZA et al.	SURFACE & COATINGS TECHNOLOGY	1991
72	SiO ₂ prepared by remote plasma-enhanced chemical vapor deposition using SiCl ₄ and O ₂ at substrate temperatures of less than 200 °C	LEONEL SUSANO COTA ARAIZA GERARDO SOTO HERRERA Ortiz A. et al.	Thin Solid Films	1991
73	Chemical reactivity characteristics of low-temperature chlorine-doped tin oxide deposited on hydrogenated amorphous silicon	MARIO HUMBERTO FARIAS SANCHEZ GERARDO SOTO HERRERA LEONEL SUSANO COTA ARAIZA et al.	Solar Energy Materials	1990
74	CdTe and CdMTe (M = Fe, In, Sb) thin film studies by Mössbauer spectroscopy and other techniques	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA GERARDO SOTO HERRERA et al.	Thin Solid Films	1990
75	An auger electron spectroscopy study of the fluorination of Al-7075 alloy	LEONEL SUSANO COTA ARAIZA Saniger JosM.	CORROSION SCIENCE	1990
76	Plasma enhanced chemical vapor deposition of SiO ₂ films at low temperatures using SiCl ₄ and O ₂	LEONEL SUSANO COTA ARAIZA GERARDO SOTO HERRERA Ortiz A. et al.	JOURNAL OF ELECTRONIC MATERIALS	1990
77	Influence of Preparation on the Morphology and Microstructure of Cobalt-Molybdenum Sulphides	MIGUEL AVALOS BORJA LEONEL SUSANO COTA ARAIZA Pedraza F. et al.	STUD SURF SCI CATAL	1989

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78	A study of grain and void growth in the superconductor GdBa ₂ Cu ₃ O _{7-x}	ELIGIO ALBERTO OROZCO MENDOZA J. GUADALUPE PEREZ RAMIREZ LEONEL SUSANO COTA ARAIZA et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTU RE AND PROCESSING	1989
79	Characterization of CdTe polycrystalline films by x-ray photoelectron and Auger spectroscopies	LEONEL SUSANO COTA ARAIZA Zelaya O. Sanchez-Sinencio F. et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	1989
80	Hydrogen detection in hydrogenated amorphous silicon by ion-induced Auger spectroscopy	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA DONALD HOMERO GALVAN MARTINEZ et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	1989
81	Scanning auger microscopy analysis of 90 k y-ba-cu-o superconductors	LEONEL SUSANO COTA ARAIZA ELIGIO ALBERTO OROZCO MENDOZA JAVIER FUENTES MAYA et al.	JOURNAL OF MATERIALS RESEARCH	1988
82	Lack of chemical interaction of hydrogenated amorphous silicon with indium-doped zinc oxide transparent conductive films	AARON SANCHEZ JUAREZ MARIO HUMBERTO FARIAS SANCHEZ GUSTAVO ALONSO HIRATA FLORES et al.	JOURNAL OF NON-CRYSTALLI NE SOLIDS	1988
83	LACK OF CHEMICAL INTERACTION OF HYDROGENATED AMORPHOUS SILICON WITH INDIUM-DOPED ZINC OXIDE TRANSPARENT CONDUCTIVE FILMS.	AARON SANCHEZ JUAREZ MARIO HUMBERTO FARIAS SANCHEZ GUSTAVO ALONSO HIRATA FLORES et al.	JOURNAL OF NON-CRYSTALLI NE SOLIDS	1988
84	Auger electron spectroscopy and electrochemical characterization of Au-Pd system in 1 M H ₂ SO ₄	LEONEL SUSANO COTA ARAIZA Genescá J. Gamboa M.E.	SURFACE & COATINGS TECHNOLOGY	1988
85	The effect of electron irradiation in high-T _c oxide superconductors	ESBAIDE ADEM CHAHIN JORGE EDUARDO RICKARDS CAMPBELL ELIGIO ALBERTO OROZCO MENDOZA et al.	JOURNAL OF MATERIALS RESEARCH	1988
86	Electron stimulated desorption study of irradiated poly(vinyl chloride)	LEONEL SUSANO COTA ARAIZA ESBAIDE ADEM CHAHIN GERARDO SOTO HERRERA et al.	APPLIED SURFACE SCIENCE	1988
87	Large grain size CdTe films grown on glass substrates	MARIO HUMBERTO FARIAS SANCHEZ LEONEL SUSANO COTA ARAIZA Zelaya O. et al.	JOURNAL OF APPLIED PHYSICS	1988

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88	Characterization of black chrome deposits on copper by scanning auger microscopy and optical integrated reflectance measurements	LEONEL SUSANO COTA ARAIZA Morales De La Garza L. Siqueiros J. et al.	Solar Energy Materials	1987
89	An investigation of the Al86Mn14 alloy and its quasicrystalline phases	J. GUADALUPE PEREZ RAMIREZ LEONEL SUSANO COTA ARAIZA RAUL HERRERA BECERRA et al.	JOURNAL OF MATERIALS RESEARCH	1987
90	Characterization of AlMn alloys using Auger, X-ray and TEM techniques	J. GUADALUPE PEREZ RAMIREZ LEONEL SUSANO COTA ARAIZA Martínez L. et al.	SCRIPTA METALL MATER	1986
91	Interaction of an electron beam with a polymer surface: Study of polyvinyl chloride (PVC) using auger electron spectroscopy	LEONEL SUSANO COTA ARAIZA ESBAIDE ADEM CHAHIN Yacamán M.J.	APPLIED SURFACE SCIENCE	1986
92	Auger electron study of nitrogen in ion nitrided steels	REBECA TREJO LUNA LEONEL SUSANO COTA ARAIZA LUIS FLORES MORALES et al.	SCRIPTA METALL MATER	1985
93	Selected area, stationary beam cratering for high sensitivity depth profiling with a computerized Auger microprobe	LEONEL SUSANO COTA ARAIZA Poppa H.	Thin Solid Films	1984
94	The 1D and 2D mapping of surface, subsurface and interfacial properties with secondary, backscattered and Auger electrons	LEONEL SUSANO COTA ARAIZA Poppa H.	Applications Of Surface Science	1984
95	ELECTROSORPTION CHARACTERISTICS OF PALLADIUM-GOLD SYSTEM.	LEONEL SUSANO COTA ARAIZA JUAN GENESCA LLONGUERAS Gamboa M.E. et al.	Extended Abstracts, Meeting - International Society Of Electrochemistr y	1984
96	CHARGE ON DISLOCATIONS IN ALKALI HALIDES FOR THE CASE OF A SATURATED REGION.	LEONEL SUSANO COTA ARAIZA Ruíz Mejía C. Broder F. et al.	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	1979



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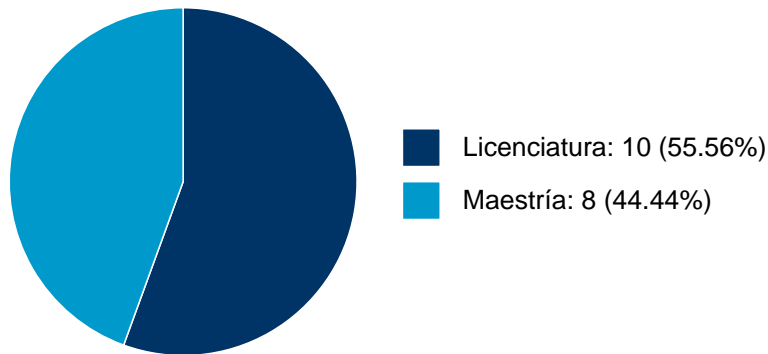
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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	INTRODUCCION A LA INVESTIGACION	Centro de Nanociencias y Nanotecnología en la UNAM	10	2022-2
2	Licenciatura	INTRODUCCION A LA INVESTIGACION	Centro de Nanociencias y Nanotecnología en la UNAM	10	2021-2
3	Licenciatura	INTRODUCCION A LA INVESTIGACION	Centro de Nanociencias y Nanotecnología en la UNAM	24	2020-2
4	Maestría	PROYECTO DE INVESTIGACIÓN	Instituto de Investigaciones en Materiales	2	2020-2
5	Maestría	ESTANCIA DE INVESTIGACIÓN	Instituto de Investigaciones en Materiales	2	2020-2
6	Maestría	PROYECTO DE INVESTIGACIÓN	Instituto de Investigaciones en Materiales	2	2020-1
7	Licenciatura	INTRODUCCION A LA INVESTIGACION	Centro de Nanociencias y Nanotecnología en la UNAM	19	2019-2

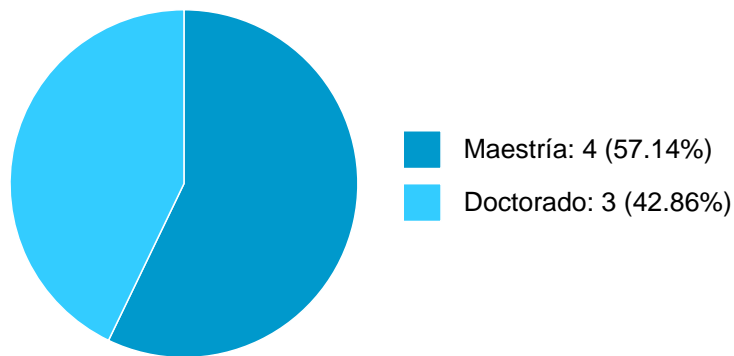
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8	Maestría	PROYECTO DE INVESTIGACIÓN	Instituto de Investigaciones en Materiales	1	2019-2
9	Licenciatura	INTRODUCCION A LA INVESTIGACION	Centro de Nanociencias y Nanotecnología en la UNAM	23	2018-2
10	Maestría	PROPIEDADES MECANICAS DE MATERIALES	Instituto de Investigaciones en Materiales	3	2018-2
11	Maestría	PROPIEDADES MECANICAS DE MATERIALES	Instituto de Investigaciones en Materiales	1	2018-1
12	Licenciatura	INTRODUCCION A LA INVESTIGACION	Centro de Nanociencias y Nanotecnología en la UNAM	28	2017-2
13	Licenciatura	INTRODUCCION A LA INVESTIGACION-337171	Centro de Nanociencias y Nanotecnología en la UNAM	5	2016-2
14	Licenciatura	FUNDAMENTOS DE FISICA MODERNA	Centro de Nanociencias y Nanotecnología en la UNAM	6	2015-1
15	Licenciatura	FUNDAMENTOS DE FISICA MODERNA	Centro de Nanociencias y Nanotecnología en la UNAM	10	2014-1
16	Licenciatura	TEM.SEL.ING.NANOTEC.Y SOCIEDAD I	Centro de Nanociencias y Nanotecnología en la UNAM	12	2012-1
17	Maestría	PROPIEDADES MECANICAS DE MATERIALES	Instituto de Investigaciones en Materiales	4	2011-2
18	Maestría	PROPIEDADES MECANICAS DE MATERIALES	Instituto de Investigaciones en Materiales	7	2011-1

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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	2014	2014-2
2	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2014	2015-1
3	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2013	2014-1
4	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2011	2011-2
5	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2010	2010-2
6	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2010	2011-1
7	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2009	2010-1



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



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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