



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



SERGIO JOAQUIN JIMENEZ SANDOVAL

Datos Generales

Nombre: SERGIO JOAQUIN JIMENEZ SANDOVAL

Máximo nivel de estudios:

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último:

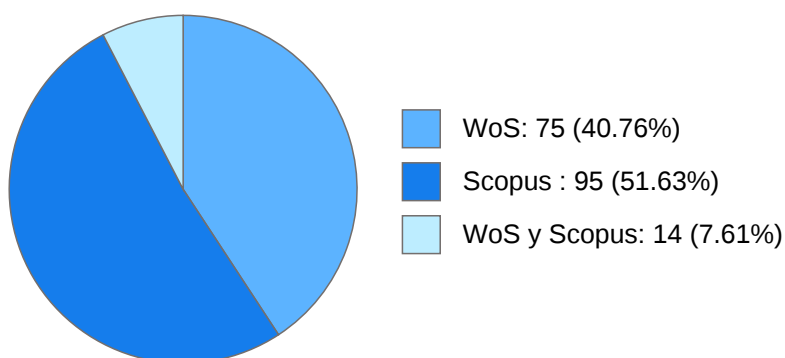
Estímulos, programas, premios y reconocimientos

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SERGIO JOAQUIN JIMENEZ SANDOVAL

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Interlayer charge transfer in supported and suspended MoS ₂ /Graphene/MoS ₂ vertical heterostructures	SERGIO JOAQUIN JIMENEZ SANDOVAL ANDRES DE LUNA BUGALLO Rocha Robledo A.K. et al.	PLOS ONE	2023
2	Microwave-assisted synthesis of ceria nanoparticles on carbon nanotubes and their dye-removal assesstment	SERGIO JOAQUIN JIMENEZ SANDOVAL LOURDES SOLEDAD BAZAN DIAZ RUBEN MENDOZA CRUZ et al.	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-J MR&T	2021
3	Comment on "Investigation on the structure and thermoelectric properties of CuxTe binary compounds" by Shriparna Mukherjee et al., Dalton Trans., 2019,48, 1040	SERGIO JOAQUIN JIMENEZ SANDOVAL Barajas-Aguilar A.H. Garay-Tapia A.M.	DALTON TRANSACTIONS	2020
4	Dual-doped CdSe:Cu:O films grown by sputtering using CdSe-CuO composite targets	FRANCISCO JAVIER FLORES RUIZ SERGIO JOAQUIN JIMENEZ SANDOVAL López N.N. et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	2020
5	Properties of sputtered ZnS and ZnS:A (A = Er, Yb) films grown at low substrate temperatures	SERGIO JOAQUIN JIMENEZ SANDOVAL Ortiz, Carlos A. Giraldo-Betancur, Astrid L. et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	2017

SERGIO JOAQUIN JIMENEZ SANDOVAL

6	Properties of ZnO-Cu ₂ -xSe thin films deposited by sputtering from composite ZnSe-Cu ₂ O targets	SERGIO JOAQUIN JIMENEZ SANDOVAL Berumen-Torres, J.A. Beristain-Bautista, A. et al.	OPTICAL MATERIALS EXPRESS	2016
7	Synthesis and Tribological Performance of Carbon Nanostructures Formed on AISI 316 Stainless Steel Substrates	RAYMUNDO SUAREZ MARTINEZ SERGIO JOAQUIN JIMENEZ SANDOVAL Ocampo-Macias, T. et al.	TRIBOLOGY LETTERS	2016
8	Physical properties of a non-transparent cadmium oxide thick film deposited at low fluence by pulsed laser deposition	SERGIO JOAQUIN JIMENEZ SANDOVAL Quiñones-Galván J.G. Lozada-Morales R. et al.	MATERIALS RESEARCH BULLETIN	2016
9	Photoluminescent and electrical properties of novel Nd ³⁺ doped ZnV ₂ O ₆ and Zn ₂ V ₂ O ₇	SERGIO JOAQUIN JIMENEZ SANDOVAL MILLER TOLEDO SOLANO González-Rivera Y.A. et al.	CERAMICS INTERNATIONAL	2016
10	Composition dependence of the crystalline-to-amorphous phase transformation of vanadate compounds in the CdO-V ₂ O ₅ binary system	SERGIO JOAQUIN JIMENEZ SANDOVAL Aquino-Meneses L. Lozada-Morales R. et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2015
11	Incorporation of Er ³⁺ ions into an amorphous matrix of Cd ₂ V ₂ O ₇ containing crystalline CdO nanoparticles	SERGIO JOAQUIN JIMENEZ SANDOVAL Quiñones-Galván J.G. González-Rivera Y.A. et al.	MATERIALS RESEARCH BULLETIN	2015
12	Synthesis of iron sulfide films through solid-gas reaction of iron with diethyl disulfide	SERGIO JOAQUIN JIMENEZ SANDOVAL Ocampo-Macias T. Lara-Romero J. et al.	J SULFUR CHEM	2015
13	ZnO thin films prepared at low annealing temperatures, from a novel, simple sol-gel precursor solution	SERGIO JOAQUIN JIMENEZ SANDOVAL López-Mena E. Jiménez-Sandoval O.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2015
14	The fundamental absorption edge in MnIn ₂ Se ₄ layer semi-magnetic semiconductor	SERGIO JOAQUIN JIMENEZ SANDOVAL Rincón C. Torres T.E. et al.	PHYSICA B-CONDENSED MATTER	2015
15	Optical properties of CuCdTeO thin films sputtered from CdTe-CuO composite targets	SERGIO JOAQUIN JIMENEZ SANDOVAL Mendoza-Galvan, A. Arreola-Jardon, G. et al.	Thin Solid Films	2014
16	Malfunctioning of the Iron-Sulfur Cluster Assembly Machinery in Saccharomyces cerevisiae Produces Oxidative Stress via an Iron-Dependent Mechanism, Causing Dysfunction in Respiratory Complexes	SERGIO JOAQUIN JIMENEZ SANDOVAL Gomez, Mauricio Perez-Gallardo, Rocio V. et al.	PLOS ONE	2014
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SERGIO JOAQUIN JIMENEZ SANDOVAL

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19	Properties of Cu-x(CdTe)(y)O-z thin films: composition-dependent control of band gap and charge transport	SERGIO JOAQUIN JIMENEZ SANDOVAL Carmona-Rodriguez, J. Lozada-Morales, R. et al.	J MATER CHEM	2011
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22	Peculiarities of Raman scattering in bioconjugated CdSe/ZnS quantum dots	SERGIO JOAQUIN JIMENEZ SANDOVAL Diaz Cano, A. Vorobiev, Y. et al.	Nanotechnolog y	2010
23	Optical characterization of novel matrix glasses based on a CdO:ZnO:V2O5 ternary system	SERGIO JOAQUIN JIMENEZ SANDOVAL Lopez-Calzada, G. Zayas, Ma. E. et al.	JOURNAL OF NON-CRYSTALLI NE SOLIDS	2010
24	Lanthanide(III) Complexes with 4,5-Bis(diphenylphosphinoyl)-1,2,3-triazolate and the Use of 1,10-Phenanthroline As Auxiliary Ligand	Marisol Correa Ascencio ELIZABETH KATINKA GALVAN MIRANDA LUIS FERNANDO RASCON CRUZ et al.	INORGANIC CHEMISTRY	2010
25	Photoluminescence of as-grown and thermal annealed SiOx/Si-nanocrystals heterolayers grown by reactive rf sputtering	SERGIO JOAQUIN JIMENEZ SANDOVAL Mota-Pineda, E. Melendez-Lira, M. et al.	JOURNAL OF APPLIED PHYSICS	2010
26	Hydrogen peroxide sensor based on modified vitreous carbon with multiwall carbon nanotubes and composites of Pt nanoparticles-dopamine	SERGIO JOAQUIN JIMENEZ SANDOVAL Guzman, C. Orozco, G. et al.	ELECTROCHIMIC A ACTA	2009
27	Porous SiC layers on Si nanowire surface	SERGIO JOAQUIN JIMENEZ SANDOVAL Diaz Cano A.I. Torchynska T.V. et al.	MICROELECTRO N J	2008
28	MoS2 films formed by In-contact decomposition of water-soluble tetraalkylammonium thiomolybdates	GABRIEL ALONSO NUÑEZ SERGIO JOAQUIN JIMENEZ SANDOVAL Chinas-Castillo, Fernando et al.	TRIBOLOGY LETTERS	2008
29	Raman scattering study in bio-conjugated core-shell CdSe/ZnS quantum dots	SERGIO JOAQUIN JIMENEZ SANDOVAL Torchynska, T. V. Douda, J. et al.	JOURNAL OF NON-CRYSTALLI NE SOLIDS	2008

SERGIO JOAQUIN JIMENEZ SANDOVAL

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31	Structural analysis of Cd-Te-O films prepared by RF reactive sputtering	SERGIO JOAQUIN JIMENEZ SANDOVAL Caballero-Briones, F. Pena, J. L. et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2008
32	Photo-quenched luminescence in Co(II)-doped sol-gel zirconia	SERGIO JOAQUIN JIMENEZ SANDOVAL MIRIAM ROCIO ESTEVEZ GONZALEZ Pacheco S. et al.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2007
33	Raman scattering and SEM study of bio-conjugated core-shell CdSe/ZnS quantum dots	SERGIO JOAQUIN JIMENEZ SANDOVAL Torchynska T.V. Cano A.D. et al.	Physica Status Solidi C-Current Topics in Solid State Physics	2007
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35	Friction reduction by water-soluble ammonium thiometallates	GABRIEL ALONSO NUÑEZ SERGIO JOAQUIN JIMENEZ SANDOVAL Chinas-Castillo F. et al.	TRIBOLOGY LETTERS	2007
36	Defect-induced luminescence in sol-gel silica samples doped with Co(II) at different concentrations	SERGIO JOAQUIN JIMENEZ SANDOVAL MIRIAM ROCIO ESTEVEZ GONZALEZ SUSANA VARGAS MUÑOZ et al.	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2007
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SERGIO JOAQUIN JIMENEZ SANDOVAL

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42	Raman characterization of the In _{0.14} Ga _{0.86} As _{0.13} Sb _{0.87} highly doped with Te grown on GaSb by liquid phase epitaxy	SERGIO JOAQUIN JIMENEZ SANDOVAL Díaz-Reyes J. López-Cruz E. et al.	J PHYS IV	2006
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46	Study of the structural and optical properties of GaPN thin films grown by magnetron RF sputtering	SERGIO JOAQUIN JIMENEZ SANDOVAL Pulzara-Mora A. Meléndez-Lira M. et al.	Vacuum	2006
47	Raman scattering studies of Te doped In _{0.14} Ga _{0.86} As _{0.13} Sb _{0.87} alloys grown on GaSb by liquid phase epitaxy	SERGIO JOAQUIN JIMENEZ SANDOVAL Díaz-Reyes J. López-Cruz E. et al.	JOURNAL OF APPLIED PHYSICS	2006
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SERGIO JOAQUIN JIMENEZ SANDOVAL

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53	Validating the use of Carboxypack C for chromatographic studies: Morphological, crystallographic, spectroscopic and adsorption characterization	SERGIO JOAQUIN JIMENEZ SANDOVAL Bernès S. Dávila-Jiménez M.M. et al.	MATERIALS CHEMISTRY AND PHYSICS	2004
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55	Structural and morphological properties of TiO ₂ thin films prepared by spray pyrolysis	SERGIO JOAQUIN JIMENEZ SANDOVAL Castillo N. Olguín D. et al.	REVISTA MEXICANA DE FISICA	2004
56	Preparation and characterization of polycrystalline MnS thin films by the RF-sputtering technique above room temperature	SERGIO JOAQUIN JIMENEZ SANDOVAL Mayén-Hernández S.A. Castanedo-Pérez R. et al.	JOURNAL OF CRYSTAL GROWTH	2003
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SERGIO JOAQUIN JIMENEZ SANDOVAL

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68	Influence of firing temperature on the properties of CdO thin films obtained by the sol-gel method	SERGIO JOAQUIN JIMENEZ SANDOVAL Zuñiga-Romero C.I. Torres-Delgado G. et al.	MODERN PHYSICS LETTERS B	2001
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72	Structural and electronic properties of (CdTe) _{1-x} (In ₂ Te ₃) _x films grown by close-spaced vapor transport combined with free evaporation	SERGIO JOAQUIN JIMENEZ SANDOVAL Zapata-Torres M. Mascarenhas Y.P. et al.	JOURNAL OF MATERIALS RESEARCH	2000
73	Tribological improvement of aluminium infiltrated with zirconia nanoparticles	SERGIO JOAQUIN JIMENEZ SANDOVAL JOSE ROGELIO RODRIGUEZ TALAVERA Lima R. et al.	MATERIALS RESEARCH INNOVATIONS	2000
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75	Structural transition from CdTe to CdIn ₂ Te ₄ in films grown by close paced vapor transport combined with free evaporation	SERGIO JOAQUIN JIMENEZ SANDOVAL Zapata-Torres M. Castro-Rodríguez R. et al.	Thin Solid Films	2000

SERGIO JOAQUIN JIMENEZ SANDOVAL

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77	Influence of Te inclusions and precipitates on the crystalline and thermal properties of CdTe single crystals	MARIO ENRIQUE RODRIGUEZ GARCIA SERGIO JOAQUIN JIMENEZ SANDOVAL Zelaya-Angel O. et al.	JOURNAL OF CRYSTAL GROWTH	2000
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81	Phonon spectra in SiO ₂ glasses	SERGIO JOAQUIN JIMENEZ SANDOVAL Pérez-Robles J.F. González-Hernández J. et al.	REVISTA MEXICANA DE FISICA	1999
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83	Synthesis of an aluminium-zirconia composite through powder metallurgy and sol-gel	SERGIO JOAQUIN JIMENEZ SANDOVAL Lima R. Castaño V.	ADVANCED COMPOSITES LETTERS	1999
84	Influence of annealing temperature on the formation and characteristics of sol-gel prepared ZnO films	SERGIO JOAQUIN JIMENEZ SANDOVAL Castanedo-Perez R. Jimenez-Sandoval O. et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	1999
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87	Disorder-induced phonon modes, built-in electric fields and structural properties of CdTe/GaAs heterostructures grown by MBE	SERGIO JOAQUIN JIMENEZ SANDOVAL Meléndez-Lira M. Hernández-Calderón I.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	1999
88	Structure and electronic properties of the novel semiconductor alloy Cd _{1-x} Cu _x Te	SERGIO JOAQUIN JIMENEZ SANDOVAL López-López S. Torres-Delgado G. et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	1999

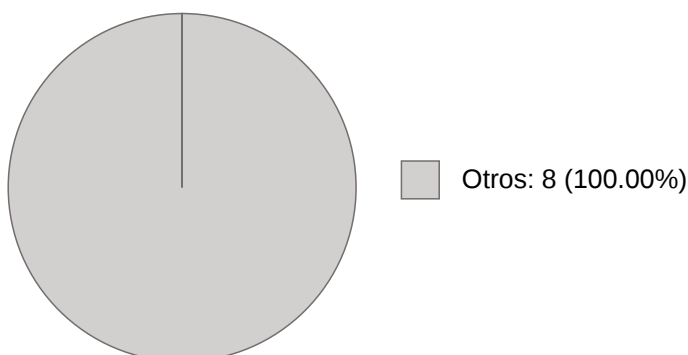
SERGIO JOAQUIN JIMENEZ SANDOVAL

89	Sol-Gel SiO ₂ Films Containing Colloidal Copper Particles for Surface-enhanced Raman Scattering of Graphite	SERGIO JOAQUIN JIMENEZ SANDOVAL García-Rodríguez F.J. González-Hernández J. et al.	JOURNAL OF RAMAN SPECTROSCOPY	1998
90	Surface enhanced raman scattering of graphite on metals	SERGIO JOAQUIN JIMENEZ SANDOVAL García-Rodríguez F.J. Pérez-Robles J.F. et al.	SOLID STATE COMMUNICATIONS	1998
91	Cd self-doping of CdTe polycrystalline films by co-sputtering of CdTe-Cd targets	SERGIO JOAQUIN JIMENEZ SANDOVAL Picos-Vega A. Becerril M. et al.	JOURNAL OF APPLIED PHYSICS	1998
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93	Influence of thallination conditions upon properties of TBCCO films deposited from an aerosol	SERGIO JOAQUIN JIMENEZ SANDOVAL ELIZABETH CHAVIRA MARTINEZ Morales A. et al.	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1997
94	Optical characterization of Fe- and Cu-doped SiO ₂ glasses prepared by the Sol-Gel method	SERGIO JOAQUIN JIMENEZ SANDOVAL Pérez-Robles J.F. Garcia Rodriguez F.J. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1997
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SERGIO JOAQUIN JIMENEZ SANDOVAL

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#	Título	Autores	Alcance	Año	ISBN
1	Formal Verification of a Database Management System	DIEGO ROBERTO MEDINA MARTINEZ ISMAEL EVERARDO BARCENAS PATIÑO GUILLERMO GILBERTO MOLERO CASTILLO et al.	Proceedin gs Paper	2020	9781728184500
2	Analysis of automated estimation models using machine learning	SERGIO JOAQUIN JIMENEZ SANDOVAL HANNA JADWIGA OKTABA Jesus Ivan Saavedra Martinez et al.	Proceedin gs Paper	2020	9781728184500
3	An Approach to Automatic Recognition of Web Advertising Focused on Different Languages	GUILLERMO GILBERTO MOLERO CASTILLO ISMAEL EVERARDO BARCENAS PATIÑO SERGIO JOAQUIN JIMENEZ SANDOVAL et al.	Proceedin gs Paper	2020	9781728184500
4	Sentiment Analysis in Jira Software Repositories	HANNA JADWIGA OKTABA SERGIO JOAQUIN JIMENEZ SANDOVAL HANNA JADWIGA OKTABA et al.	Proceedin gs Paper	2020	9781728184500

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5	B-Learning in the Teaching-Learning of Boolean Function Simplification	SERGIO JOAQUIN JIMENEZ SANDOVAL Jose A. Jimenez-Murillo Octavio Ortiz-Ortiz et al.	Proceedings Paper	2018	9781538665770
6	Risk Assessment Forum A Proposal for agile software development teams ruled by Scrum	HANNA JADWIGA OKTABA SERGIO JOAQUIN JIMENEZ SANDOVAL Juliette Michelle Parada Carvallo et al.	Proceedings Paper	2018	9781538665770
7	SIMS and μ -Raman spectroscopic studies in CdS/CdTe based solar cells	SERGIO JOAQUIN JIMENEZ SANDOVAL Aguilar-Hernández J.R. Godines-Hernández J.A. et al.	Conference Paper	2007	1424400163
8	Friction reduction by water soluble tetraalkylammonium thiometallates	GABRIEL ALONSO NUÑEZ SERGIO JOAQUIN JIMENEZ SANDOVAL Chiñas-Castillo F. et al.	Conference Paper	2006	0791837890



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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