



LUIS SALAS CASALES

Datos Generales

Nombre: LUIS SALAS CASALES

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 40 años

Nombramientos

Vigente: INVESTIGADOR TITULAR B TC Definitivo
Instituto de Astronomía
Desde 01-01-2019

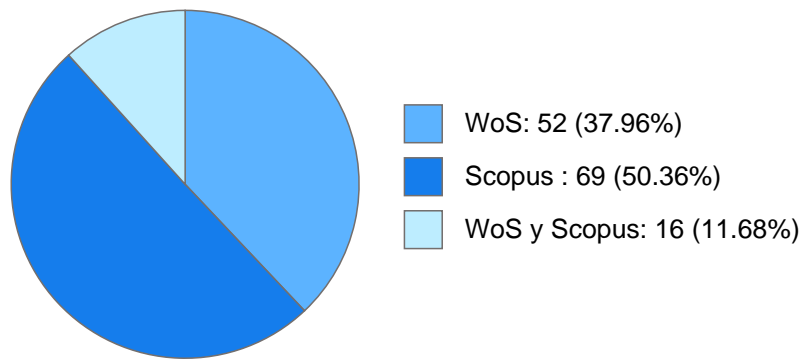
Estímulos, programas, premios y reconocimientos

SNI II - VIGENTE
PRIDE D 2016 - 2024
PRIDE C 2014 - 2016
PRIDE Fijo 2014
PRIDE C 2014
PRIDE Fijo 2014
PRIDE C 2012 - 2013
PRIDE Fijo 2012
PRIDE C 2012
PRIDE Fijo 2012
PRIDE D - 2012
PUN Innovación tecnológica y diseño industrial 2002

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Tracking Evolution of Circumstellar Disks of Classical Be Stars Using Infrared L-band and Ha Spectral Emissions	LUIS SALAS CASALES JESUS OMAR HERNANDEZ ALARCON Cesar D. Millan-Valderrama et al.	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC	2025
2	Hartmann test using a screen with arbitrarily positioned holes	JOEL HERRERA VAZQUEZ ESTEBAN ANTOLIN LUNA AGUILAR ERIKA SOHN LOPEZ FORMENT et al.	APPLIED OPTICS	2024
3	HyDRa: discrete polishing	ERIKA SOHN LOPEZ FORMENT ELFEGO GUILLERMO RUIZ SCHNEIDER LUIS SALAS CASALES et al.	OPTICAL ENGINEERING	2021
4	AN ALTERNATIVE APPROACH TO THE FINGER OF GOD IN LARGE SCALE STRUCTURES	LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2019
5	Optical characterization of the active push-pull cell for the 2.1 m telescope at OAN SPM	JOEL HERRERA VAZQUEZ ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES et al.	APPLIED OPTICS	2017

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6	PROPERTIES OF CIRCUMSTELLAR DISKS OF THREE NORTHERN GALACTIC BE STARS	LUIS SALAS CASALES MANUEL SEGUNDO ALVAREZ PEREZ DUARTE Brito, K. Y. Ubaque et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2017
7	DISSIPATION OF CIRCUMSTELLAR DISKS OF BE STARS	MANUEL SEGUNDO ALVAREZ PEREZ DUARTE LUIS SALAS CASALES Sabogal, B. E. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2017
8	Common-pull, multiple-push, vacuum-activated telescope mirror cell	ELFEGO GUILLERMO RUIZ SCHNEIDER ERIKA SOHN LOPEZ FORMENT LUIS SALAS CASALES et al.	APPLIED OPTICS	2014
9	Low-cost, phase-shifting mechanisms for Newton-type interferometers	JOEL HERRERA VAZQUEZ ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES et al.	APPLIED OPTICS	2013
10	HyDRa: Control of parameters for deterministic polishing	ELFEGO GUILLERMO RUIZ SCHNEIDER LUIS SALAS CASALES ERIKA SOHN LOPEZ FORMENT et al.	OPTICS EXPRESS	2013
11	HyDRa: Polishing with a vortex	ERIKA SOHN LOPEZ FORMENT ELFEGO GUILLERMO RUIZ SCHNEIDER LUIS SALAS CASALES et al.	APPLIED OPTICS	2013
12	HyDRa: Polishing process convergence rate optimization	LUIS SALAS CASALES ESTEBAN ANTOLIN LUNA AGUILAR ERIKA SOHN LOPEZ FORMENT et al.	APPLIED OPTICS	2013
13	Polishing with a vortex: A decade in hydrodynamic radial polishing	ERIKA SOHN LOPEZ FORMENT ELFEGO GUILLERMO RUIZ SCHNEIDER LUIS SALAS CASALES et al.	Optics InfoBase Conference Papers	2012
14	Variant of the anastigmatic telescope with three mirrors for back focal length	JOEL HERRERA VAZQUEZ ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES et al.	APPLIED OPTICS	2011
15	Compact internal representation as a protocognitive scheme for robots in dynamic environments	LUIS SALAS CASALES Villacorta-Atienza J.A. Alba L. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2011
16	Polishing large segments with hydra	ERIKA SOHN LOPEZ FORMENT ELFEGO GUILLERMO RUIZ SCHNEIDER LUIS SALAS CASALES et al.	Optics InfoBase Conference Papers	2010

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17	Deterministic convergence in iterative phase shifting	ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES ERIKA SOHN LOPEZ FORMENT et al.	APPLIED OPTICS	2009
18	Application of wrapping and unwrapping phase algorithms for fringe projection images	LUIS SALAS CASALES Serrano-Trujillo A. Nava-Vega A.	Proceedings Of The 2008 International Conference On Image Processing, Computer Vision, And Pattern Recognition, I	2008
19	H2 velocity structure in the molecular outflow DR 211	IRENE ANTONIA CRUZ GONZALEZ ESPINOSA LUIS SALAS CASALES DAVID SALOME HIRIART GARCIA	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2007
20	Geometric method to measure astigmatism aberration at astronomical telescopes	ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES LEONEL GUTIERREZ ALBORES et al.	APPLIED OPTICS	2007
21	CATAVIÑA: New infrared camera for OAN-SPM	ARTURO ISMAEL IRIARTE VALVERDE IRENE ANTONIA CRUZ GONZALEZ ESPINOSA LUIS ARTEMIO MARTINEZ VAZQUEZ et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2006
22	Experimental results on piston detection by using the classical Ronchi test	ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES JUAN MANUEL NUÑEZ ALFONSO et al.	APPLIED OPTICS	2006
23	San Pedro Mártir mid-infrared photometric system	LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA MAURICIO MANUEL TAPIA IBARGUENGOITIA	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2006
24	Interferometer testing using subaperture stitching test for a 1.8 meters paraboloid segmented mirror	LUIS SALAS CASALES ESTEBAN ANTOLIN LUNA AGUILAR Nava-Vega A. et al.	Optics InfoBase Conference Papers	2006

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25	Hydrodynamic radial polishing tool: HyDRa	ERIKA SOHN LOPEZ FORMENT ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2006
26	HyDra: A novel hydrodynamic polishing tool for high quality optical surfaces; Techical Digest	ERIKA SOHN LOPEZ FORMENT ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005
27	New results in hydrodynamic radial polishing using HyDRa	ERIKA SOHN LOPEZ FORMENT ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005
28	Static and dynamic removal rates of a new hydrodynamic polishing tool	ALBERTO CORDERO DAVILA ESTEBAN ANTOLIN LUNA AGUILAR JUAN MANUEL NUÑEZ ALFONSO et al.	APPLIED OPTICS	2004
29	Phase shifting interferometry using correlation	LUIS SALAS CASALES ESTEBAN ANTOLIN LUNA AGUILAR Nava-Vega A. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
30	New perspectives in hydrodynamic radial polishing techniques for optical surfaces	ERIKA SOHN LOPEZ FORMENT ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004

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31	Surface roughness results using a hydrodynamic polishing tool (HyDra)	JUAN MANUEL NUÑEZ ALFONSO ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
32	Correlation algorithm to recover the phase of a test surface using phase-shifting interferometry	LUIS SALAS CASALES ESTEBAN ANTOLIN LUNA AGUILAR Nava-Vega A. et al.	OPTICS EXPRESS	2004
33	Ronchi test can detect piston by means of the defocusing term	ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	OPTICS EXPRESS	2004
34	Low cost active optics for 2.1m at San Pedro Martir: Experimental results	ESTEBAN ANTOLIN LUNA AGUILAR VALERI ORLOV LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
35	Molecular hydrogen kinematics in cepheus a	LUIS SALAS CASALES Hlriart D. Cruz-GONZÁLEZ I.	ASTRONOMICAL JOURNAL	2004
36	Lightweight off-axis 8m class telescope: A case study to ELT approximation	ERIKA SOHN LOPEZ FORMENT ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
37	Profilometry by fringe projection	LUIS SALAS CASALES ESTEBAN ANTOLIN LUNA AGUILAR Salinas J. et al.	OPTICAL ENGINEERING	2003
38	Sequential star formation at the periphery of the H II regions Sh 217 and Sh 219	LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA Deharveng L. et al.	ASTRONOMY & ASTROPHYSICS	2003
39	The classical ronchi test for piston detection	ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2002

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40	A dual infrared camera for near and mid infrared observations	LUIS SALAS CASALES LEONEL GUTIERREZ ALBORES MAURICIO MANUEL TAPIA IBARGUENGOITIA et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2002
41	Flux-velocity relation for H2 outflows	LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA	ASTROPHYSICAL JOURNAL	2002
42	Polishing TIM mirror segments with HyDra	ALBERTO CORDERO DAVILA ESTEBAN ANTOLIN LUNA AGUILAR JORGE ENRIQUE VALDEZ HERNANDEZ et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2002
43	Piston detection with the clasical Ronchi test	ESTEBAN ANTOLIN LUNA AGUILAR LUIS SALAS CASALES Salinas J. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2001
44	Noise reduction in BIB type detectors	ERIKA SOHN LOPEZ FORMENT ELFEGO GUILLERMO RUIZ SCHNEIDER LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2001
45	Kinematics of the molecular hydrogen from the planetary nebula NGC 2346	MARGARITA EUGENIA DEL SOCORRO ROSADO SOLIS LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	ASTRONOMICAL JOURNAL	2001
46	Hydrostatic shoe bearing system for the TIM	ELFEGO GUILLERMO RUIZ SCHNEIDER ERIKA SOHN LOPEZ FORMENT ALEJANDRO FARAH SIMON et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2000

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47	Velocity structure in the curved jet S187:SCP 1 (H2)	LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA MARGARITA EUGENIA DEL SOCORRO ROSADO SOLIS	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2000
48	Telescope alignment by out-of-focus stellar image analysis	ESTEBAN ANTOLIN LUNA AGUILAR JORGE ENRIQUE VALDEZ HERNANDEZ LEONEL GUTIERREZ ALBORES et al.	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC	1999
49	Destruction of the environment of the BN-KL nebula	LUIS SALAS CASALES MARGARITA EUGENIA DEL SOCORRO ROSADO SOLIS IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	ASTROPHYSICAL JOURNAL	1999
50	Magnetospheric accretion onto the T Tauri star AA Tauri. I. Constraints from multisite spectrophotometric monitoring	RAFAEL CARLOS PATRICIO COSTERO Y GRACIA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA LUIS SALAS CASALES et al.	ASTRONOMY & ASTROPHYSICS	1999
51	Search for optical microvariability in a large sample of Seyfert I galaxies	IRENE ANTONIA CRUZ GONZALEZ ESPINOSA LUIS SALAS CASALES Petrucci P.O. et al.	ASTRONOMY & ASTROPHYSICS	1999
52	Site testing at observatorio astronomico nacional in San Pedro Mártir	JUAN MANUEL ECHEVARRIA ROMAN MAURICIO MANUEL TAPIA IBARGUENGOITIA RAFAEL CARLOS PATRICIO COSTERO Y GRACIA et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	1998
53	Mirror cell and active support system of the Mexican infrared-optical telescope (TIM)	ERIKA SOHN LOPEZ FORMENT IRENE ANTONIA CRUZ GONZALEZ ESPINOSA LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1998
54	Near infrared imaging and spectroscopy of the IRAS 20126+4104 region	SANDRA ANGELICA AYALA GOMEZ SALVADOR CUIEL RAMIREZ ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	ASTRONOMY & ASTROPHYSICS	1998
55	Mexican infrared-optical new technology telescope TIM project	LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA ESTEBAN ANTOLIN LUNA AGUILAR et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1998

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56	Performance of the active M1-cell for the 2.1-m telescope of the observatorio astronómico nacional de México	LUIS SALAS CASALES MARIA HERLINDA PEDRAYES LOPEZ JORGE ENRIQUE VALDEZ HERNANDEZ et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1998
57	TEQUILA: NIR camera/spectrograph based on a Rockwell 1024 X 1024 HgCdTe FPA	ELFEGO GUILLERMO RUIZ SCHNEIDER ERIKA SOHN LOPEZ FORMENT IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1998
58	PUMILA: A near-infrared spectrograph for the kinematic study of the interstellar medium	MARGARITA EUGENIA DEL SOCORRO ROSADO SOLIS IRENE ANTONIA CRUZ GONZALEZ ESPINOSA LUIS SALAS CASALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1998
59	Mid-infrared camera/spectrograph for OAN/SPM	ERIKA SOHN LOPEZ FORMENT ELFEGO GUILLERMO RUIZ SCHNEIDER IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1998
60	S187:SCP I (H2): A curved molecular hydrogen outflow	LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA Porrás A.	ASTROPHYSICAL JOURNAL	1998
61	Active primary mirror support for the 2.1-m telescope at the San Pedro Martir Observatory	LUIS SALAS CASALES MARIA HERLINDA PEDRAYES LOPEZ JORGE ENRIQUE VALDEZ HERNANDEZ et al.	APPLIED OPTICS	1997
62	Discovery of jets and HH-like objects near the S255 IR complex	LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA STANLEY EUGENE KURTZ SMITH et al.	ASTROPHYSICAL JOURNAL	1997
63	Atmospheric opacity at 215 GHz over San Pedro Martir Sierra in Baja California	DAVID SALOME HIRIART GARCIA LUIS SALAS CASALES Goldsmith P.F. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	1997
64	AFGL 4029: A cluster of massive young stars	IRENE ANTONIA CRUZ GONZALEZ ESPINOSA LUIS SALAS CASALES Deharveng L. et al.	ASTRONOMY & ASTROPHYSICS	1997

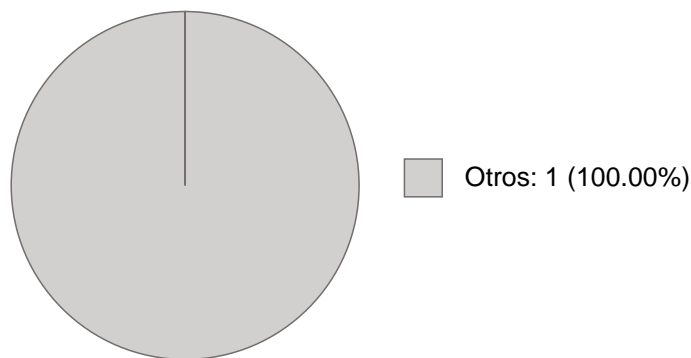
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65	Variable separation in curvature sensing: Fast method for solving the irradiance transport equation in the context of optical telescopes	LUIS SALAS CASALES	APPLIED OPTICS	1996
66	Relativistic electron energy spectra of active galactic nuclei in the thin synchrotron limit. I. The method	LUIS SALAS CASALES IRENE ANTONIA CRUZ GONZALEZ ESPINOSA Carrasco L.	ASTROPHYSICAL JOURNAL	1995
67	The hot spot in DR Tauri	IRENE ANTONIA CRUZ GONZALEZ ESPINOSA LUIS SALAS CASALES Kenyon S.J. et al.	ASTRONOMICAL JOURNAL	1994
68	The inverse Planckian transform and temperature spectra	LUIS SALAS CASALES	ASTROPHYSICAL JOURNAL	1992
69	Offset Guider/Alignment System for the 2.1 Munam Telescope	ELFEGO GUILLERMO RUIZ SCHNEIDER SALVADOR CARLOS CUEVAS CARDONA ROSALIA LANGARICA LEBRE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1986
70	Use of two-dimensional single electron detector for electron diffraction studies in tem	LUIS SALAS CASALES ALFREDO GOMEZ RODRIGUEZ LUIS DAVID FERNANDO ROMEU CASAJUANA et al.	Ultramicroscop y	1985
71	High Spatial and Temporal Resolution Imaging with a Resistive Anode Photon Counter	LUIS SALAS CASALES GIANFRANCO BISIACCHI GIRALDI Firmani C. et al.	ADV IMAG ELECT PHYS	1985

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	On the use of redshift as a time parameter in the FLRW metric	LUIS SALAS CASALES Ruffini R. Bianchi M. et al.	Conferenc e Paper	2018	9789813226593



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Reporte individual



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PARTICIPACIÓN EN PROYECTOS

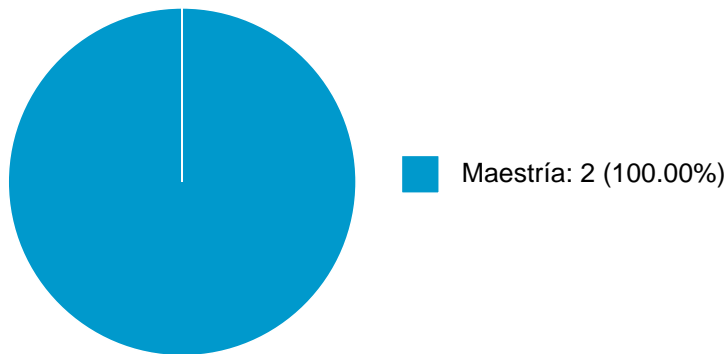
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

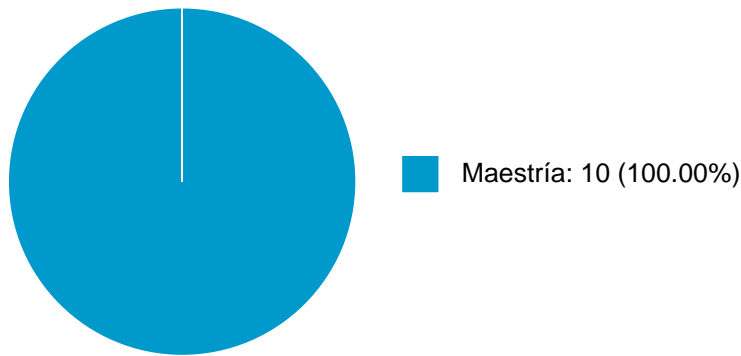


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Determinación de masas de estrellas t-tauri a partir de fotometría jhk	Tesis de Maestría	LUIS SALAS CASALES,	López Chico, Tania Angelica,	Instituto de Astronomía,	2013
2	Eliminacion de ruido coherente en imagenes astronomicas	Tesis de Maestría	LUIS SALAS CASALES,	Sánchez y Sánchez, Beatriz,		1996

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	PROCESOS RADIATIVOS EN ASTROFÍSICA DEL CAMPO DE CONOCIMIENTO TEÓRICA, OBSERVACIONAL	Instituto de Astronomía	7	2022-1
2	Maestría	PROCESOS RADIATIVOS EN ASTROFÍSICA DEL CAMPO DE CONOCIMIENTO TEÓRICA, OBSERVACIONAL	Instituto de Astronomía	1	2021-2
3	Maestría	PROCESOS RADIATIVOS EN ASTROFÍSICA DEL CAMPO DE CONOCIMIENTO TEÓRICA, OBSERVACIONAL	Instituto de Astronomía	3	2021-1
4	Maestría	PROCESOS RADIATIVOS EN ASTROFÍSICA DEL CAMPO DE CONOCIMIENTO TEOR.	Instituto de Astronomía	2	2020-1
5	Maestría	PROCESOS RADIATIVOS EN ASTROFÍSICA DEL CAMPO DE CONOCIMIENTO TEOR.	Instituto de Astronomía	1	2019-1
6	Maestría	INSTRUMENTACION ASTRONOMICA - INSTRUMENTOS Y TECNICAS ASTRONOMICAS	Instituto de Astronomía	1	2014-1
7	Maestría	PROCESOS RADIATIVOS EN LA ASTROFISICA	Instituto de Astronomía	2	2011-1
8	Maestría	INSTRUMENTACION ASTRONOMICA	Instituto de Astronomía	1	2010-2
9	Maestría	PROCESOS RADIATIVOS EN LA ASTROFISICA	Instituto de Astronomía	5	2009-2
10	Maestría	PROCESOS RADIATIVOS EN LA ASTROFISICA	Instituto de Astronomía	1	2008-1



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Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



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PATENTES

#	Título	Inventores	Sección	Año
1	MÓDULO MEZCLADOR PARA UNA HERRAMIENTA HIDRODINÁMICA DETERMINÍSTICA PARA EL PULIDO PULSADO DE SUPERFICIES ÓPTICAS, Y MÉTODO PARA LLEVAR A CABO EL PULIDO PULSADO.	ELFEGO GUILLERMO RUIZ SCHNEIDER, ERIKA SOHN LOPEZ FORMENT, ESTEBAN ANTOLIN LUNA AGUILAR, et al.	PERFORMING OPERATIONS; TRANSPORTING	2022

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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