



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



WOLFGANG STEFFEN

Datos Generales

Nombre: WOLFGANG STEFFEN

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 18 años

Nombramientos

Último: INVESTIGADOR TITULAR B TC Definitivo
Instituto de Astronomía
Desde 01-09-2020 hasta 15-01-2022

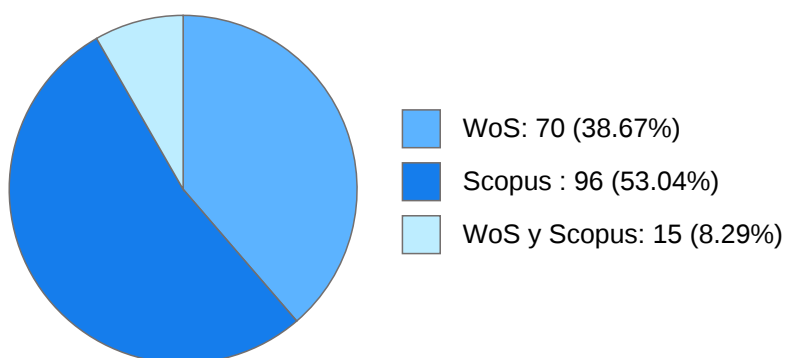
Estímulos, programas, premios y reconocimientos

SNI II 2009 - 2023
PRIDE C 2020 - 2021
PRIDE C - 2019
PASPA Estancias Sabáticas 2011 - 2012

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Author Correction: The messy death of a multiple star system and the resulting planetary nebula as observed by JWST (Nature Astronomy, (2022), 6, 12, (1421-1432), 10.1038/s41550-022-01845-2)	STAVROS AKRAS GUILLERMO MIGUEL GARCIA SEGURA CHRISTOPHE ROGER JACQUES MORISSET et al.	Nature Astronomy	2023
2	The messy death of a multiple star system and the resulting planetary nebula as observed by JWST	STAVROS AKRAS GUILLERMO MIGUEL GARCIA SEGURA CHRISTOPHE ROGER JACQUES MORISSET et al.	Nature Astronomy	2022
3	Morphokinematic modelling of the point-symmetric Cat's Eye, NGC 6543: Ring-like remnants of a precessing jet	WOLFGANG STEFFEN Ryan Clairmont Nico Koning	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2022
4	Molecular remnant of Nova 1670 (CK Vulpeculae): II. A three-dimensional view of the gas distribution and velocity field	WOLFGANG STEFFEN T. Kaminski V. Bujarrabal et al.	ASTRONOMY & ASTROPHYSICS	2021
5	Distance mapping applied to four well-known planetary nebulae and a nova shell	STAVROS AKRAS WOLFGANG STEFFEN Sebastian Gomez-Gordillo et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020

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6	AGB winds in interacting binary stars	GUILLERMO MIGUEL GARCIA SEGURA WOLFGANG STEFFEN LAURENCE SABIN et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020
7	Distance mapping applied to four well-known planetary nebulae and a nova shell (vol 492, pg 4097, 2020)	STAVROS AKRAS WOLFGANG STEFFEN Sebastian Gomez-Gordillo et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020
8	First 3D morpho-kinematic model of supernova remnants. The case of VRO 42.05.01 (G166.0+4.3)	WOLFGANG STEFFEN Derlopa S. Boumis P. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020
9	High-velocity string of knots in the outburst of the planetary nebula Hb4	WOLFGANG STEFFEN Derlopa S. Akras S. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2019
10	A submillimeter polarization analysis of Frosty Leo	LAURENCE SABIN WOLFGANG STEFFEN Q. Zhang et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2019
11	A 3D Universe? Students' and professors' perception of multidimensionality	WOLFGANG STEFFEN Eriksson U.	Iau Symposium Proceedings Series	2018
12	The Owl and other strigiform nebulae: Multipolar cavities within a filled shell	MARIA TERESA GARCIA DIAZ WOLFGANG STEFFEN WILLIAM JOHN HENNEY et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018
13	Submillimeter-wave emission of three Galactic red novae: Cool molecular outflows produced by stellar mergers	WOLFGANG STEFFEN T. Kaminski R. Tylanda et al.	ASTRONOMY & ASTROPHYSICS	2018
14	MUSEing about the SHAPE of eta Car's outer ejecta	WOLFGANG STEFFEN A. Mehner J. Groh et al.	Iau Symposium Proceedings Series	2017
15	A swirling jet in the quasar 1308+326	WOLFGANG STEFFEN Britzen, S. Qian, S.-J. et al.	ASTRONOMY & ASTROPHYSICS	2017

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16	Hybrid polygon and hydrodynamic nebula modeling with multi-waveband radiation transfer in astrophysics	WOLFGANG STEFFEN Koning, N.	ASTRONOMY AND COMPUTING	2017
17	FAST, LOW-IONIZATION EMISSION REGIONS OF THE PLANETARY NEBULA M2-42	WOLFGANG STEFFEN Danehkar, A. Parker, Q. A.	ASTRONOMICAL JOURNAL	2016
18	Dissecting a supernova impostor's circumstellar medium: MUSEing about the SHAPE of eta Carinae's outer ejecta	WOLFGANG STEFFEN Mehner, A. Groh, J. H. et al.	ASTRONOMY & ASTROPHYSICS	2016
19	3-D structures of planetary nebulae	WOLFGANG STEFFEN	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
20	SHAPEMOL: A 3D code for calculating CO line emission in planetary and protoplanetary nebulae: Detailed model-fitting of the complex nebula NGC 6302	WOLFGANG STEFFEN SantanderGarcia, M. Bujarrabal, V. et al.	ASTRONOMY & ASTROPHYSICS	2015
21	The chandra planetary nebula survey (chanplANS). III. X-ray emission from the central stars of planetary nebulae	ALEJANDRO FRANK HOEFELICH JOSE ALBERTO LOPEZ GARCIA WOLFGANG STEFFEN et al.	ASTROPHYSICAL JOURNAL LETTERS	2015
22	ALMA data suggest the presence of spiral structure in the inner wind of CW Leonis	WOLFGANG STEFFEN Decin, L. Richards, A. M. S. et al.	ASTRONOMY & ASTROPHYSICS	2015
23	Internal proper motions in the Eskimo Nebula	MARIA TERESA GARCIA DIAZ LEONEL GUTIERREZ ALBORES WOLFGANG STEFFEN et al.	ASTROPHYSICAL JOURNAL	2015
24	A morpho-kinematic and spectroscopic study of the bipolar nebulae: M 2 - 9, Mz 3, and Hen 2 - 104	WOLFGANG STEFFEN Clyne, N. Akkas, S. et al.	ASTRONOMY & ASTROPHYSICS	2015
25	LUMINOUS BLUE VARIABLES, COOL HYPERGIANTS, AND SUPERNOVA IMPOSTORS: THE ROLE OF EPISODIC MASS LOSS	WOLFGANG STEFFEN Mehner A. De Wit W.J. et al.	Eas Publications Series	2015
26	The three-dimensional structure of the Eta Carinae Homunculus	WOLFGANG STEFFEN Teodoro, M. Madura, T. I. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2014
27	Radio frequency models of novae in eruption. I. the free-free process in bipolar morphologies	WOLFGANG STEFFEN Ribeiro, V. A. R. M. Chomiuk, L. et al.	ASTROPHYSICAL JOURNAL	2014

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28	Quark nova signatures in super-luminous supernovae	WOLFGANG STEFFEN Kostka, M. Koning, N. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2014
29	A detailed spatiokinematic model of the conical outflow of the multipolar planetary nebula NGC 7026	DAVID MITCHELL CLARK JOSE ALBERTO LOPEZ GARCIA WOLFGANG STEFFEN et al.	ASTRONOMICAL JOURNAL	2013
30	Post asymptotic giant branch bipolar reflection nebulae: Result of dynamical ejection or selective illumination?	WOLFGANG STEFFEN Koning, N. Kwok, Sun	ASTROPHYSICAL JOURNAL	2013
31	A wind-shell interaction model for multipolar planetary nebulae	WOLFGANG STEFFEN JOSE ALEJANDRO ESQUIVEL SALAZAR GUILLERMO MIGUEL GARCIA SEGURA et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2013
32	INTERACTIVE VISUALIZATION AND SIMULATION OF ASTRONOMICAL NEBULAE	WOLFGANG STEFFEN Wenger, Stephan Ament, Marco et al.	COMPUT SCI ENG	2012
33	Multipolar young planetary nebulae modelled as a precessing and orbiting jet with time-dependent ejection velocity	PABLO FABIAN VELAZQUEZ BRITO ALEJANDRO CRISTIAN RAGA RASMUSSEN WOLFGANG STEFFEN et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2012
34	THE SAN PEDRO MARTIR KINEMATIC CATALOGUE OF GALACTIC PLANETARY NEBULAE	JOSE ALBERTO LOPEZ GARCIA MICHAEL GERARD RICHER MARIA TERESA GARCIA DIAZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2012
35	MORPHO-KINEMATIC ANALYSIS OF THE POINT-SYMMETRIC, BIPOLAR PLANETARY NEBULAE Hb 5 AND K 3-17, A PATHWAY TO POLY-POLARITY	JOSE ALBERTO LOPEZ GARCIA MARIA TERESA GARCIA DIAZ WOLFGANG STEFFEN et al.	ASTROPHYSICAL JOURNAL	2012
36	Distance mapping' and the 3D structure of BD+30 degrees 3639	S. AkraS WOLFGANG STEFFEN	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2012
37	Quark nova imprint in the extreme supernova explosion SN 2006gy	WOLFGANG STEFFEN Ouyed, R. Kostka, M. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2012

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38	A DETAILED MORPHO-KINEMATIC MODEL OF THE ESKIMO, NGC 2392: A UNIFYING VIEW WITH THE CAT'S EYE AND SATURN PLANETARY NEBULAE	MARIA TERESA GARCIA DIAZ JOSE ALBERTO LOPEZ GARCIA WOLFGANG STEFFEN et al.	ASTROPHYSICAL JOURNAL	2012
39	Shape: A 3D Modeling Tool for Astrophysics	WOLFGANG STEFFEN CHRISTOPHE ROGER JACQUES MORISSET Koning, Nicholas et al.	IEEE T VIS COMPUT GR	2011
40	CRISS-CROSS MAPPING OF BD+30 3639: A NEW KINEMATIC ANALYSIS TECHNIQUE	WOLFGANG STEFFEN Koning, Nico	ASTRONOMICAL JOURNAL	2011
41	SHAPING THE RED RECTANGLE PROTO-PLANETARY NEBULA BY A PRECESSING JET	PABLO FABIAN VELAZQUEZ BRITO WOLFGANG STEFFEN ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	ASTROPHYSICAL JOURNAL	2011
42	MORPHOLOGY OF THE RED RECTANGLE PROTO-PLANETARY NEBULA	WOLFGANG STEFFEN Koning, N. Kwok, Sun	ASTROPHYSICAL JOURNAL	2011
43	Criss-cross mapping BD+30 3639: A new kinematic analysis technique	WOLFGANG STEFFEN Tamayo F. Koning N.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2011
44	Distance mapping technique and the 3-D structure of BD +30°3639	WOLFGANG STEFFEN Akas S.	Iau Symposium Proceedings Series	2011
45	3-D modeling of the collimated outflows of M1-32 and M2-42	WOLFGANG STEFFEN Akas S. López J.-A.	Iau Symposium Proceedings Series	2011
46	The SPM kinematic catalogue of Galactic planetary nebulae	MICHAEL GERARD RICHER DAVID MITCHELL CLARK WOLFGANG STEFFEN et al.	Iau Symposium Proceedings Series	2011
47	A Cat's Eye view of the Eskimo from Saturn	WOLFGANG STEFFEN MICHAEL GERARD RICHER García-Díaz M.-T. et al.	Iau Symposium Proceedings Series	2011
48	Morphology of the Red Rectangle proto-planetary nebula	WOLFGANG STEFFEN Koning N. Kwok S.	Iau Symposium Proceedings Series	2011
49	A detailed spatiokinematic model of the multipolar planetary nebula NGC 7026	DAVID MITCHELL CLARK JOSE ALBERTO LOPEZ GARCIA WOLFGANG STEFFEN et al.	Iau Symposium Proceedings Series	2011
50	Shaping proto-planetary nebulae by binary systems	PABLO FABIAN VELAZQUEZ BRITO WOLFGANG STEFFEN ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	Iau Symposium Proceedings Series	2011

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51	Dynamical modeling and the interactions with the ISM	WOLFGANG STEFFEN	Iau Symposium 2011 Proceedings Series
52	SHAPING THE GLOWING EYE PLANETARY NEBULA, NGC 6751	DAVID MITCHELL CLARK MARIA TERESA GARCIA DIAZ JOSE ALBERTO LOPEZ GARCIA et al.	ASTROPHYSICAL JOURNAL 2010
53	HYDRODYNAMICAL VELOCITY FIELDS IN PLANETARY NEBULAE	WOLFGANG STEFFEN GUILLERMO MIGUEL GARCIA SEGURA Koning, N.	ASTROPHYSICAL JOURNAL 2009
54	THE OUTFLOWS AND THREE-DIMENSIONAL STRUCTURE OF NGC 6337: A PLANETARY NEBULA WITH A CLOSE BINARY NUCLEUS	MARIA TERESA GARCIA DIAZ DAVID MITCHELL CLARK JOSE ALBERTO LOPEZ GARCIA et al.	ASTROPHYSICAL JOURNAL 2009
55	3D reconstruction of planetary nebulae using hybrid models	CHRISTOPHE ROGER JACQUES MORISSET WOLFGANG STEFFEN Wenger S. et al.	Siggraph 2009: Posters, Siggraph '09 2009
56	The planetary nebula NGC 1360: A test case of magnetic collimation and evolution after the fast wind	MARIA TERESA GARCIA DIAZ JOSE ALBERTO LOPEZ GARCIA GUILLERMO MIGUEL GARCIA SEGURA et al.	ASTROPHYSICAL JOURNAL 2008
57	Ha line profiles for a sample of supergiant HII regions III. Model line profiles	MICHAEL GERARD RICHER WOLFGANG STEFFEN JOSE ALBERTO LOPEZ GARCIA et al.	ASTRONOMY & ASTROPHYSICS 2007
58	The dynamical evolution of planetary nebulae after the fast wind	JOSE ALBERTO LOPEZ GARCIA WOLFGANG STEFFEN García-Segura G. et al.	Iau Symposium 2006 Proceedings Series
59	The SPM Kinematic Catalogue of Planetary Nebulae	JOSE ALBERTO LOPEZ GARCIA MICHAEL GERARD RICHER WOLFGANG STEFFEN et al.	Iau Symposium 2006 Proceedings Series
60	Morpho-kinematic modeling of planetary nebulae	WOLFGANG STEFFEN JOSE ALBERTO LOPEZ GARCIA	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS 2006
61	The dynamical evolution of planetary nebulae after the fast wind	JOSE ALBERTO LOPEZ GARCIA WOLFGANG STEFFEN García-Segura G. et al.	ASTROPHYSICAL JOURNAL 2006
62	Morpho-kinematic modeling of planetary nebulae with SHAPE	WOLFGANG STEFFEN JOSE ALBERTO LOPEZ GARCIA	Iau Symposium 2006 Proceedings Series
63	Morpho-kinematic modeling of gaseous nebulae with shape	WOLFGANG STEFFEN JOSE ALBERTO LOPEZ GARCIA	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA 2006

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64	Numerical simulations of the fragmentation of photoevaporating nonuniform clumps	RICARDO FRANCISCO GONZALEZ DOMINGUEZ ALEJANDRO CRISTIAN RAGA RASMUSSEN WOLFGANG STEFFEN	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2005
65	3D simulations of the fragmentation of photoevaporating clumps embedded in a stellar wind	ALEJANDRO CRISTIAN RAGA RASMUSSEN WOLFGANG STEFFEN RICARDO FRANCISCO GONZALEZ DOMINGUEZ	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2005
66	Morpho-kinematic modelling of gaseous nebulae with shape	WOLFGANG STEFFEN Alberto López J. Riesgo H.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2005
67	The hubble-type outflows from the high-excitation, polypolar planetary nebula NGC 6302	JOSE ALBERTO LOPEZ GARCIA WOLFGANG STEFFEN Meaburn J. et al.	ASTRONOMICAL JOURNAL	2005
68	The kinematics of the most oxygen-poor planetary nebula PNG 135.9+55.9	MICHAEL GERARD RICHER JOSE ALBERTO LOPEZ GARCIA WOLFGANG STEFFEN et al.	ASTRONOMY & ASTROPHYSICS	2003
69	Percolating winds through a clumpy torus	WOLFGANG STEFFEN JOSE ALBERTO LOPEZ GARCIA	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2003
70	Point-symmetry and the double planetary nebula KJPN 8	JOSE ALBERTO LOPEZ GARCIA LUIS FELIPE DE JESUS RODRIGUEZ JORGE WOLFGANG STEFFEN et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2002
71	Revista Mexicana de Astronomía Y Astrofísica: Serie de Conferencias: Preface	WILLIAM JOHN HENNEY WOLFGANG STEFFEN ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2002
72	Jet cocoons in rotating Seyfert galaxies: Adaptive three-dimensional hydrodynamics	WOLFGANG STEFFEN Lim A.J.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2001

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73	FLIERs as stagnation knots from post-agb winds with polar momentum deficiency	WOLFGANG STEFFEN JOSE ALBERTO LOPEZ GARCIA Lim A.	ASTROPHYSICAL JOURNAL	2001
74	The formation of a multiple planetary nebula: Hubble Space Telescope/WFPC2 observations of KJpN 8	JOSE ALBERTO LOPEZ GARCIA LUIS FELIPE DE JESUS RODRIGUEZ JORGE ROBERTO VAZQUEZ MEZA et al.	ASTROPHYSICAL JOURNAL	2000
75	The emergence of a neutral Herbig-Haro jet into a photoionized nebula	ALEJANDRO CRISTIAN RAGA RASMUSSEN LUC JOSEPH AURELE BINETTE JOSE ALBERTO LOPEZ GARCIA et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2000
76	3D transfer of the diffuse ionizing radiation in ISM flows and the preionization of a Herbig-Haro working surface	ALEJANDRO CRISTIAN RAGA RASMUSSEN SARAH JANE ARTHUR LUC JOSEPH AURELE BINETTE et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	1999
77	Photo-evaporation of clumps in planetary nebulae	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA WOLFGANG STEFFEN et al.	ASTRONOMY & ASTROPHYSICS	1998
78	The nature of the cometary knots in the Helix planetary nebula (NGC 7293)	WOLFGANG STEFFEN Meaburn J. Clayton C.A. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	1998
79	Shadows behind neutral clumps in photoionized regions	JORGE DANIEL CARLOS CANTO ILLA ALEJANDRO CRISTIAN RAGA RASMUSSEN WOLFGANG STEFFEN et al.	ASTROPHYSICAL JOURNAL	1998
80	Jets and the shaping of the giant bipolar envelope of the planetary nebula KJpN 8	WOLFGANG STEFFEN JOSE ALBERTO LOPEZ GARCIA	ASTROPHYSICAL JOURNAL	1998
81	Jet-cloud interactions and the brightening of the narrow-line region in Seyfert galaxies	WOLFGANG STEFFEN ALEJANDRO CRISTIAN RAGA RASMUSSEN Gómez J.L. et al.	ASTROPHYSICAL JOURNAL	1997
82	The radio jet of quasar 0153+744	WOLFGANG STEFFEN Hummel C.A. Krichbaum T.P. et al.	ASTRONOMY & ASTROPHYSICS	1997
83	Jets and narrow line cloud formation in Seyfert galaxies	WOLFGANG STEFFEN ALEJANDRO CRISTIAN RAGA RASMUSSEN Pedlar A. et al.	ASTROPHYSICS AND SPACE SCIENCE	1997
84	Bipolar, collimated outbursts in the planetary nebula Hb 4	JOSE ALBERTO LOPEZ GARCIA WOLFGANG STEFFEN Meaburn J.	ASTROPHYSICAL JOURNAL	1997
85	Signatures of helical jets	WOLFGANG STEFFEN	Vistas In Astronomy	1997

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86	Evidence for an outflow from the Seyfert galaxy NGC 4051	WOLFGANG STEFFEN Christopoulou P.E. Holloway A.J. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	1997
87	Jet cocoons and the formation of narrow-line clouds in Seyfert galaxies	WOLFGANG STEFFEN ALEJANDRO CRISTIAN RAGA RASMUSSEN Gómez J.L. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	1997
88	Rapid variability in S5 0716+714 across the electromagnetic spectrum	WOLFGANG STEFFEN Wagner S.J. Witzel A. et al.	ASTRONOMICAL JOURNAL	1996
89	Compact radio structure in the Seyfert nucleus of NGC 5929	WOLFGANG STEFFEN Su B.M. Muxlow T.W.B. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	1996
90	The ecological balance of low-mass star formation regions	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA WOLFGANG STEFFEN	ASTRONOMY & GEOPHYSICS	1996
91	The intraday variable quasar 0917+624: VLBI and X-ray observations	WOLFGANG STEFFEN Standke K.J. Quirrenbach A. et al.	ASTRONOMY & ASTROPHYSICS	1996
92	The ecological balance of low-mass star formation regions	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA WOLFGANG STEFFEN	QUARTERLY JOURNAL OF THE ROYAL ASTRONOMICAL SOCIETY	1996
93	Intrinsic evolution of a superluminal knot in 3C 345	WOLFGANG STEFFEN Qian S.J. Krichbaum T.P. et al.	ASTRONOMY & ASTROPHYSICS	1996
94	Highly supersonic motions within the outer features of the ? Carinae nebula	WOLFGANG STEFFEN Meaburn J. Boumis P. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	1996
95	Kinematics of ionized gas associated with the radio nucleus and lobes in the active galaxy IRAS 04210 + 0400	WOLFGANG STEFFEN Holloway A.J. Pedlar A. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	1996

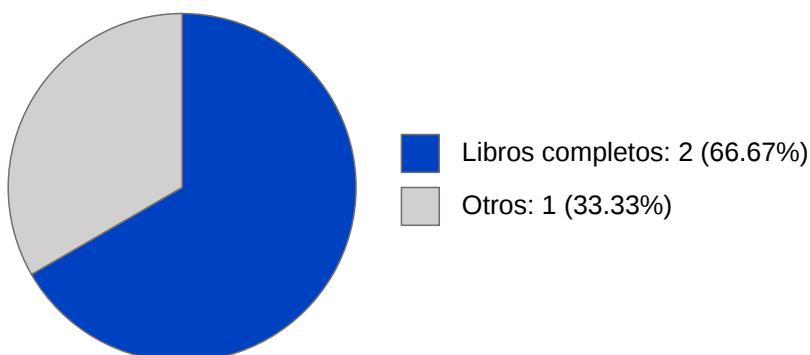
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96	Jets and the emission-line spiral structure in IRAS 04210 + 0400	WOLFGANG STEFFEN Holloway A.J. Pedlar A.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	1996
97	IRAS 04210+0400: Modelling the optical spectra from flaring large-scale jets	WOLFGANG STEFFEN Holloway A.J. Pedlar A.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	1996

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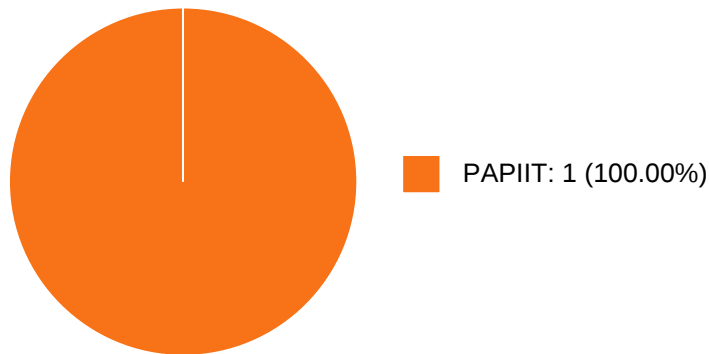


#	Título	Autores	Alcance	Año	ISBN
1	Astrónomos trabajando	ALEJANDRO FARAH SIMON JOSE ALBERTO FLANDES MENDOZA LUIS FELIPE DE JESUS RODRIGUEZ JORGE et al.	Libro Completo	2023	9786073073370
2	Astrónomos trabajando	GLORIA SUZANNE KOENIGSBERGER HOROWITZ LUIS FELIPE DE JESUS RODRIGUEZ JORGE ALEJANDRO FARAH SIMON et al.	Libro Completo	2020	9786073037334
3	Towards Non-spherical Radio Models	WOLFGANG STEFFEN Valerio A. R. M. Ribeiro Laura Chomiuk et al.	Proceedin gs Paper	2014	9781583818640

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Modelado y visualización científica y foto-realista de nebulosas astronómicas	WOLFGANG STEFFEN	Recursos PAPIIT	01-01-2017	31-12-2018



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PARTICIPACIÓN EN TESIS

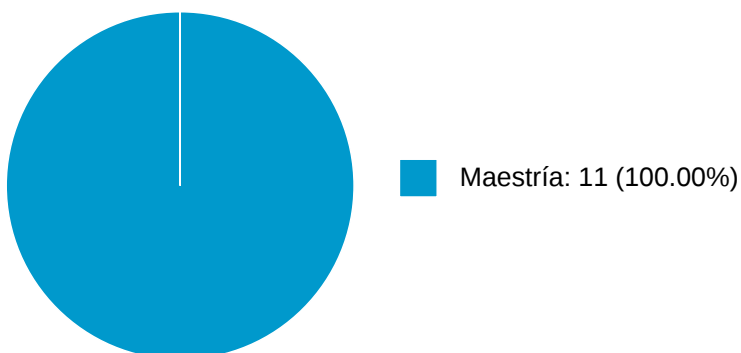
No se encuentran registros en la base de datos de TESIUNAM asociados a:

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	SEMINARIO DE GRADUACION	Instituto de Astronomía	1	2015-2
2	Maestría	INSTRUMENTACION ASTRONOMICA - TEMAS SELECTOS DE ELECTRONICA EN LA INSTRUMENTACION ASTRONOMICA	Instituto de Astronomía	2	2015-1
3	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	5	2015-1
4	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Astronomía	1	2015-1
5	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Astronomía	1	2015-1
6	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Astronomía	2	2014-2
7	Maestría	TEMAS SELECTOS DE ASTROFISICA	Instituto de Astronomía	1	2014-2
8	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	3	2010-1
9	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Astronomía	3	2009-1
10	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Astronomía	1	2008-2
11	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	3	2008-2



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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