



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



GLORIA SUZANNE KOENIGSBERGER HOROWITZ

Datos Generales

Nombre: GLORIA SUZANNE KOENIGSBERGER HOROWITZ

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 45 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Ciencias Físicas
Desde 01-05-2014

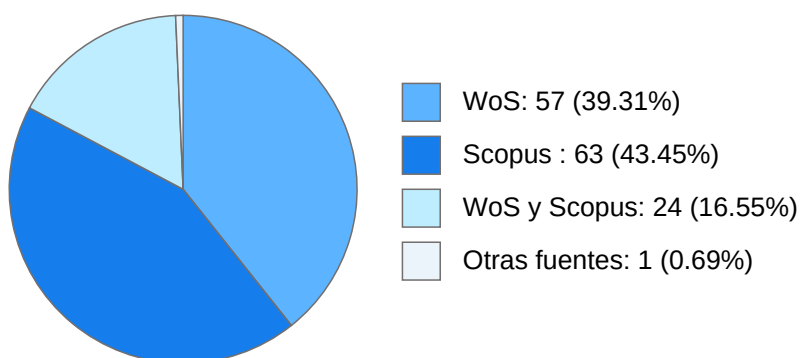
Estímulos, programas, premios y reconocimientos

SNI Emérito 2022 - VIGENTE
SNI III - 2020
PRIDE D - 2024

GLORIA SUZANNE KOENIGSBERGER HOROWITZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	A Maia-type candidate was misclassified: V424 Cep is an eclipsing β Cep-type pulsator in a triple system	GLORIA SUZANNE KOENIGSBERGER HOROWITZ MICHAEL GERARD RICHER Schmutz W. et al.	ASTRONOMY & ASTROPHYSICS	2025
2	Investigating the Chemically Homogeneous Evolution Channel and Its Role in the Formation of the Enigmatic Binary Black Hole Progenitor Candidate HD 5980	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Sharpe K. van Son L.A.C. et al.	ASTROPHYSICAL JOURNAL	2024
3	Transitory Tidal Heating and Its Impact on Cluster Isochrones	SARAH JANE ARTHUR GLORIA SUZANNE KOENIGSBERGER HOROWITZ Brady K. et al.	ASTROPHYSICAL JOURNAL	2024
4	Eccentric binaries: Periastron events and tidal heating	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Estrella-Trujillo D.	ASTRONOMY & ASTROPHYSICS	2024
5	Structure and evolution of a tidally heated star	SARAH JANE ARTHUR GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ et al.	ASTRONOMY & ASTROPHYSICS	2023
6	OBSERVATIONAL CONSTRAINTS ON THE HD 5980 WIND-WIND COLLISION	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Morrell N. John Hillier D. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2022

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7	Multiple variability time-scales of the early nitrogen-rich Wolf-Rayet star WR 7	JESUS ALBERTO TOALA SANZ GLORIA SUZANNE KOENIGSBERGER HOROWITZ D. M. Bowman et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2022
8	Induced differential rotation and mixing in asynchronous binary stars	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ Langer N.	ASTRONOMY & ASTROPHYSICS	2021
9	Asymmetrical nebula of the M33 variable GR290 (WR/LBV)	GLORIA SUZANNE KOENIGSBERGER HOROWITZ V Maryeva V Karpov et al.	ASTRONOMY & ASTROPHYSICS	2020
10	The nature of the companion in the Wolf-Rayet system EZ Canis Majoris	GLORIA SUZANNE KOENIGSBERGER HOROWITZ W. Schmutz	ASTRONOMY & ASTROPHYSICS	2020
11	Internal circulation in tidally locked massive binary stars: Consequences for double black hole formation	GLORIA SUZANNE KOENIGSBERGER HOROWITZ B. Hastings N. Langer	ASTRONOMY & ASTROPHYSICS	2020
12	Long uninterrupted photometric observations of the Wolf-Rayet star EZ CMa by the Toronto BRITe satellite reveal a very fast apsidal motion	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Schmutz W.	ASTRONOMY & ASTROPHYSICS	2019
13	The enigmatic binary system HD 5980	GLORIA SUZANNE KOENIGSBERGER HOROWITZ D. John Hillier Yael Naze et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2019
14	The History Goes On: Century Long Study of Romano's Star dagger	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Olga Maryeva Roberto F. Viotti et al.	Galaxies	2019
15	A Changing Wind Collision	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Yael Naze Julian M. Pittard et al.	ASTROPHYSICAL JOURNAL	2018
16	BRITe-Constellation reveals evidence for pulsations in the enigmatic binary ? Carinae	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Noel D. Richardson Herbert Pablo et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018
17	Wind and nebula of the M 33 variable GR 290 (WR/LBV)	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Olga Maryeva Oleg Egorov et al.	ASTRONOMY & ASTROPHYSICS	2018
18	Does the Wolf-Rayet binary CQ Cephei undergo sporadic mass transfer events?	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Schmutz, W. Skinner, S.L.	ASTRONOMY & ASTROPHYSICS	2017

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19	Tidal shear and the V1309 Sco merger	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2016
20	Alpha Virginis: line-profile variations and orbital elements	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ Harrington D. et al.	ASTRONOMY & ASTROPHYSICS	2016
21	Planet heating prevents inward migration of planetary cores	FREDERIC SYLVAIN MASSET GLORIA SUZANNE KOENIGSBERGER HOROWITZ BenitezLlambay, Pablo et al.	Nature	2015
22	Observations of the early stages in the formation of an LBV shell	RICARDO FRANCISCO GONZALEZ DOMINGUEZ GLORIA SUZANNE KOENIGSBERGER HOROWITZ	ASTRONOMY & ASTROPHYSICS	2014
23	The HD 5980 multiple system: Masses and evolutionary status	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Morrell, Nidia Hillier, D. John et al.	ASTRONOMICAL JOURNAL	2014
24	Ram-pressure balance surfaces for an outwardly accelerating stellar wind bow shock	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA GLORIA SUZANNE KOENIGSBERGER HOROWITZ et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2014
25	Leonid Georgiev 1961-2012 OBITUARY	GLORIA SUZANNE KOENIGSBERGER HOROWITZ	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2013
26	Spectral modelling of massive binary systems	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ Palate, M. et al.	ASTRONOMY & ASTROPHYSICS	2013
27	Spectral modelling of the α Virginis (Spica) binary system	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ Palate, M. et al.	ASTRONOMY & ASTROPHYSICS	2013
28	Tidal effects on the radial velocity curve of HD 77581 (Vela X-1)	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ Harrington, D. M.	ASTRONOMY & ASTROPHYSICS	2012
29	Eccentric binaries Tidal flows and periastron events	EDMUNDO MORENO DIAZ GLORIA SUZANNE KOENIGSBERGER HOROWITZ Harrington, D. M.	ASTRONOMY & ASTROPHYSICS	2011
30	Line profile variability and tidal flows in eccentric binaries	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ Harrington, David M.	Iau Symposium Proceedings Series	2011

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31	WIND STRUCTURE AND LUMINOSITY VARIATIONS IN THE WOLF-RAYET/LUMINOUS BLUE VARIABLE HD 5980	LEONID NIKITOV GUEORGUEV DIMITROVA GLORIA SUZANNE KOENIGSBERGER HOROWITZ Hillier, D. John et al.	ASTRONOMICAL JOURNAL	2011
32	Analysis of tidal forces in asynchronous binary systems: X-ray effects	JULIO ALBERTO JUAREZ ISLAS GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2011
33	A similar to 40 YEAR VARIABILITY CYCLE IN THE LUMINOUS BLUE VARIABLE/WOLF-RAYET BINARY SYSTEM HD 5980?	GLORIA SUZANNE KOENIGSBERGER HOROWITZ LEONID NIKITOV GUEORGUEV DIMITROVA Hillier, D. John et al.	ASTRONOMICAL JOURNAL	2010
34	LINE-PROFILE VARIABILITY FROM TIDAL FLOWS IN ALPHA VIRGINIS (SPICA)	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ Harrington, David et al.	ASTROPHYSICAL JOURNAL	2009
35	Surface velocity fields from tidal interactions	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ Harrington D.	AIP Conference Proceedings	2009
36	The extraordinary LBV/WR system HD 5980	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2008
37	Conference summary	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Massey P.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2008
38	The Wolf-Rayet stars HD 4004 and HD 50896: Two of a kind	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Flores A. Cardona O. et al.	ASTRONOMICAL JOURNAL	2007
39	Tides in asynchronous binary systems	EDMUNDO MORENO DIAZ GLORIA SUZANNE KOENIGSBERGER HOROWITZ Toledano O. et al.	ASTRONOMY & ASTROPHYSICS	2007
40	First detection of phase-dependent colliding wind X-ray emission outside the Milky Way	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Nazé Y. Corcoran M.F. et al.	ASTROPHYSICAL JOURNAL	2007

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41	Fuse observations of HD 5980: The wind structure of the eruptor	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Fullerton A.W. Massa D. et al.	ASTRONOMICAL JOURNAL	2006
42	The X-ray binary 2S0114+650=LSI+65 010 A slow pulsar or tidally-induced pulsations?	GLORIA SUZANNE KOENIGSBERGER HOROWITZ MICHAEL GERARD RICHER Georgiev L. et al.	ASTRONOMY & ASTROPHYSICS	2006
43	Line profile variability from tidal interactions in binary systems	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Toledano O. EDMUNDO MORENO DIAZ	ASTRONOMY & ASTROPHYSICS	2005
44	Working group on massive stars	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Leitherer C. Crowther P. et al.	Iau Symposium Proceedings Series	2005
45	Line profile variations in WR+O binary systems I. The code and basic predictions	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Georgiev L.N.	ASTRONOMY & ASTROPHYSICS	2004
46	A supernova remnant collision with a stellar wind	PABLO FABIAN VELAZQUEZ BRITO GLORIA SUZANNE KOENIGSBERGER HOROWITZ ALEJANDRO CRISTIAN RAGA RASMUSSEN	ASTROPHYSICAL JOURNAL	2003
47	The wind-wind collision region of the Wolf-Rayet binary V444 Cygni: How much optical line emission does it produce?	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Flores A. Auer L.H. et al.	ASTROPHYSICAL JOURNAL	2001
48	Hubble space telescope STIS observations of the Wolf-Rayet star HD 5980 in the small magellanic cloud. II. The interstellar medium components	GLORIA SUZANNE KOENIGSBERGER HOROWITZ MANUEL PEIMBERT SIERRA Georgiev L. et al.	ASTRONOMICAL JOURNAL	2001
49	Coordinated monitoring of the eccentric O-star binary Iota Orionis: Optical spectroscopy and photometry	RAFAEL CARLOS PATRICIO COSTERO Y GRACIA JUAN MANUEL ECHEVARRIA ROMAN GLORIA SUZANNE KOENIGSBERGER HOROWITZ et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2000
50	Hubble space telescope observations of the luminous blue variable/W-R eclipsing binary system HD 5980	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Georgiev L. Barbá R. et al.	ASTROPHYSICAL JOURNAL	2000
51	A 2.3 day periodic variability in the apparently single Wolf-Rayet star WR 134: Collapsed companion or rotational modulation?	GLORIA SUZANNE KOENIGSBERGER HOROWITZ GAGIK TOVMASIAN Morel T. et al.	ASTROPHYSICAL JOURNAL	1999
52	Long-term coherent variations in the WR system EZ Canis Majoris: The binary scenario revisited	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Georgiev L.N. Ivanov M.M. et al.	ASTRONOMY & ASTROPHYSICS	1999

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53	The Local Group dwarf irregular galaxy IC 1613: I. The young stellar content	MARGARITA EUGENIA DEL SOCORRO ROSADO SOLIS GLORIA SUZANNE KOENIGSBERGER HOROWITZ Georgiev L. et al.	ASTRON ASTROPHYS SUP	1999
54	Cyclical spectral and photometric variations of the apparently single Wolf-Rayet star WR 134	GLORIA SUZANNE KOENIGSBERGER HOROWITZ GAGIK TOVMASIAN Morel T. et al.	ASTROPHYSICS AND SPACE SCIENCE	1998
55	Wind velocity variations in the luminous blue variable-type erupting star of the Wolf-Rayet binary HD 5980	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Auer L.H. Georgiev L. et al.	ASTROPHYSICAL JOURNAL	1998
56	Mass-loss rate and HE/H abundance of the erupting component in the small magellanic cloud system HD 5980	GLORIA SUZANNE KOENIGSBERGER HOROWITZ SANDRA ANGELICA AYALA GOMEZ Schmutz W. et al.	ASTROPHYSICAL JOURNAL	1998
57	Coupled line-profile and continuum variations in EZ canis majoris: Implications for the driving mechanism of global wind structures in wolf-rayet winds	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Morel T. St-Louis N. et al.	ASTROPHYSICAL JOURNAL	1998
58	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
59	The erupting wolf-rayet binary HD 5980 in the small magellanic cloud: Spectral transition from B1.5Ia+ to WN6 and the accompanying light curve	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Shore S. Guinan E. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	1996
60	The iue mega campaign: Wind variability and rotation in early-type stars	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Massa D. Fullerton A.W. et al.	ASTROPHYSICAL JOURNAL	1995
61	Ultraviolet observations of the eruption in the small magellanic cloud wolf-rayet system hd 5980	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Guinan E. Auer L. et al.	ASTROPHYSICAL JOURNAL	1995
62	The Wolf-Rayet binary V444 Cygni under the spectroscopic microscope. I. Improved characteristics of the components and their interaction seen in He I	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Marchenko S.V. Moffat A.F.J.	ASTROPHYSICAL JOURNAL	1994

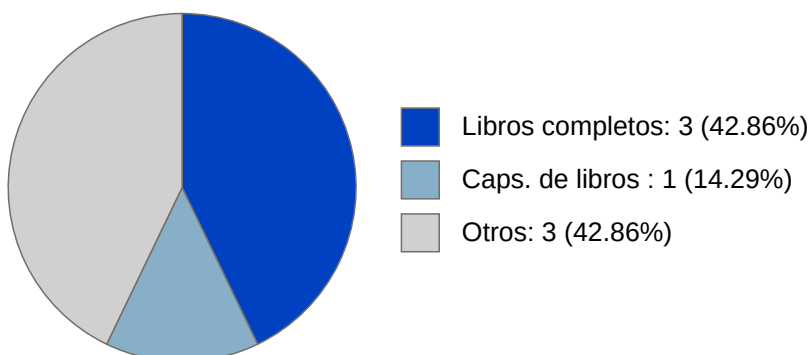
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63	Remarkable long-term changes in the small magellanic cloud Wolf-Rayet system HD 5980	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Moffat A.F.J. St-Louis N. et al.	ASTROPHYSICAL JOURNAL 1994
64	Line profile variations from atmospheric eclipses: Constraints on the wind structure in Wolf-Rayet stars	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Auer L.H.	ASTROPHYSICAL JOURNAL 1994
65	The "Baldwin Effect" in Wolf-Rayet stars	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Morris P. Conti P.S. et al.	ASTROPHYSICAL JOURNAL 1993
66	Ultraviolet variability of the massive W-R binary system HDE 311884 = WR 47	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Moffat A.F.J. Auer L.H.	ASTROPHYSICAL JOURNAL 1991

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	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	Observing the Massive Binary eta Carinae with BRITE	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Noel D. Richardson Herbert Pablo et al.	Proceedin gs Paper	2018	9788395043017
4	An Echelle Catalog of OB Stars	GLORIA SUZANNE KOENIGSBERGER HOROWITZ Arias, L. Arrieta, A. et al.	Proceedin gs Paper	2017	9781583819005

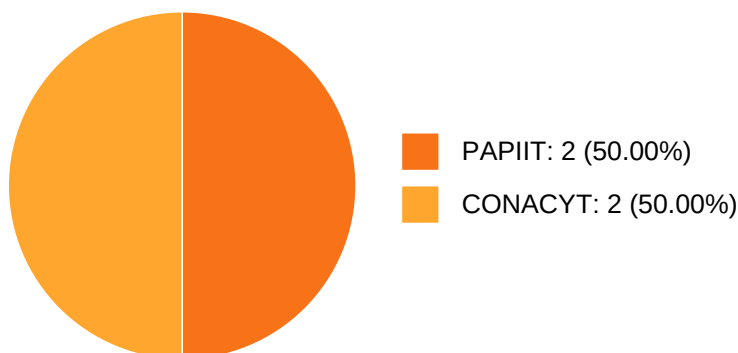
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5	El primer nodo de Internet en México	GLORIA SUZANNE KOENIGSBERGER HOROWITZ	Capítulo de un Libro	2016	9786077241638
6	Asynchronous Binaries, Energy Dissipation and Turbulent Viscosity	GLORIA SUZANNE KOENIGSBERGER HOROWITZ EDMUNDO MORENO DIAZ Ines Brott et al.	Proceedin gs Paper	2015	9781583818770
7	Los inicios de internet en Mexico	GLORIA SUZANNE KOENIGSBERGER HOROWITZ	Libro Completo	2014	9786070256172

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Interacción por Fuerzas de Marea y el Problema de la Viscosidad Turbulenta.	GLORIA SUZANNE KOENIGSBERGER HOROWITZ	Recursos CONACYT	14-10-2016	14-10-2021
2	Frontiers of the physics of massive stars: from the main sequence to LIGO	GLORIA SUZANNE KOENIGSBERGER HOROWITZ	Recursos CONACYT	08-05-2018	30-11-2018
3	Estrellas binarias en interacción y el extraordinario caso de HD5980.	GLORIA SUZANNE KOENIGSBERGER HOROWITZ	Recursos PAPIIT	01-01-2019	31-12-2021
4	Estudio de la interacción en estrellas binarias de baja masa	GLORIA SUZANNE KOENIGSBERGER HOROWITZ	Recursos PAPIIT	01-01-2023	31-12-2025



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PARTICIPACIÓN EN TESIS

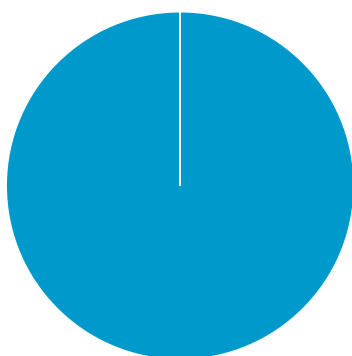
No se encuentran registros en la base de datos de TESIUNAM asociados a:

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DOCENCIA IMPARTIDA

Histórico de docencia



■ Maestría: 7 (100.00%)

#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	ASTROFÍSICA ESTELAR	Instituto de Astronomía	6	2022-1
2	Maestría	ASTROFÍSICA ESTELAR	Instituto de Astronomía	6	2021-1
3	Maestría	ASTROFISICA ESTELAR	Instituto de Astronomía	9	2013-2
4	Maestría	TEMAS SELECTOS	Instituto de Ciencias Físicas	1	2012-2
5	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Físicas	1	2012-2
6	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Físicas	1	2012-1
7	Maestría	ESTRUCTURA Y EVOLUCION ESTELAR	Instituto de Astronomía	4	2011-2



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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