



Sistema Integral de Información Académica
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ELENA JIMENEZ BAILON

Datos Generales

Nombre: ELENA JIMENEZ BAILON

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 15 años, 8 meses, 2 días

Nombramientos

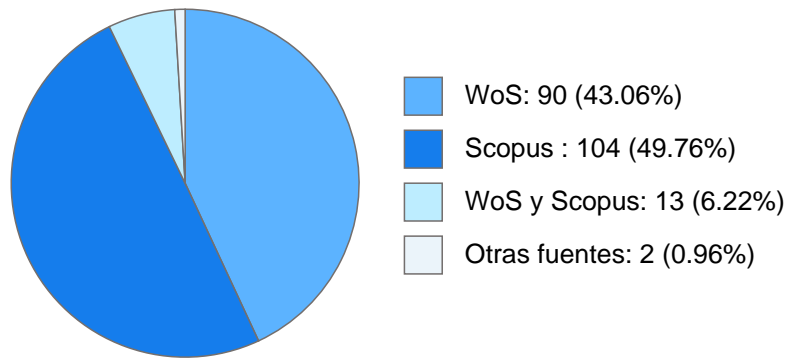
Último: INVESTIGADOR TITULAR A TC Definitivo
Instituto de Astronomía
Desde 01-07-2020 hasta 30-09-2023

Estímulos, programas, premios y reconocimientos

SNI II 2013 - 2022
SNI I 2010 - 2012
PRIDE D 2022
PRIDE C 2009 - 2022
PASPA Estancias Sabáticas 2020 - 2021

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	The Lockman-SpReSO project Description, target selection, observations, and catalogue preparation	JOSE ROBERTO DE JESUS GONZALEZ VLADIMIR ANTON AVILA REESE ERIKA MARIA BENITEZ LIZAOLA et al.	ASTRONOMY & ASTROPHYSICS	2023
2	Optical Spectroscopic Observations of Gamma-Ray Blazar Candidates. XII. Follow-up Observations from SOAR, Blanco, NTT, and OAN-SPM	ELENA JIMENEZ BAILON García-Pérez A. Peña-Herazo H.A. et al.	ASTRONOMICAL JOURNAL	2023
3	The changing-look AGN NGC 1566 in quiescence with XMM-Newton: a nuclear starburst and an AGN competing in power?	ELENA JIMENEZ BAILON L. Tomas G. A. Matzeu et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2022
4	Revisiting the continuum reverberation lags in the AGN PKS 0558-504	ELENA JIMENEZ BAILON MARIA TERESA GARCIA DIAZ MARTIN HERRERA ENDOQUI et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2022



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5	Unravelling the nature of the dual AGN in the galaxy pair system IRAS 05589+2828 and 2MASX J06021107+2828382	ERIKA MARIA BENITEZ LIZAOLA ELENA JIMENEZ BAILON CASTALIA ALENKA NEGRETE PEÑALOZA et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2022
6	Tools and equipment needed for the installation, calibration and maintenance of the instruments and optics for the Colibrí Telescope in SPM Observatory	MARIA HERLINDA PEDRAYES LOPEZ EDGAR OMAR CADENA ZEPEDA ELENA JIMENEZ BAILON et al.	Proceedings of SPIE	2022
7	Design and structural architectural development of the enclosure of the COLIBRI Telescope	ERICA ESTHER LUGO IBARRA ALAN MORGAN WATSON FORSTER EDGAR OMAR CADENA ZEPEDA et al.	Proceedings of SPIE	2022
8	Clustered star formation toward Berkeley 87/ON2 I. Multiwavelength census and the population overlap problem	CARLOS GERARDO ROMAN ZUÑIGA ELENA JIMENEZ BAILON Diego de la Fuente et al.	ASTRONOMY & ASTROPHYSICS	2021
9	Optical Spectroscopic Observations of Gamma-ray Blazar Candidates. XI. Optical Observations from SOAR, Blanco, NTT and OAN-SPM. The Story So Far	ELENA JIMENEZ BAILON Harold A. Pena-Herazo Alessandro Paggi et al.	ASTRONOMICAL JOURNAL	2021
10	Optical spectroscopic observations of gamma-ray blazar candidates. X. Results from the 2018-2019 SOAR and OAN-SPM observations of blazar candidates of uncertain type	ELENA JIMENEZ BAILON de Menezes R. Amaya-Almazán R.A. et al.	ASTROPHYSICS AND SPACE SCIENCE	2020
11	Optical spectroscopic observations of low-energy counterparts of Fermi -LAT ? -ray sources	ELENA JIMENEZ BAILON Peña-Herazo H.A. Amaya-Almazán R.A. et al.	ASTRONOMY & ASTROPHYSICS	2020
12	Early science with the LMT: molecular torus in UGC5101	IRENE ANTONIA CRUZ GONZALEZ ESPINOSA ERIKA MARIA BENITEZ LIZAOLA YAIR EMMANUEL KRONGOLD HERRERA et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020
13	Optical spectroscopic classification of 35 hard X-ray sources from the Swift-BAT 70-month catalogue	ELENA JIMENEZ BAILON Marchesini E.J. Masetti N. et al.	ASTROPHYSICS AND SPACE SCIENCE	2019
14	Optical spectroscopic observations of gamma-ray blazar candidates. IX. Optical archival spectra and further observations from SOAR and OAGH	VAHRAM CHAVUSHYAN ELENA JIMENEZ BAILON H. A. Pena-Herazo et al.	ASTROPHYSICS AND SPACE SCIENCE	2019



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15	Multiwavelength observations of the triple-peaked AGN Mrk 622	ERIKA MARIA BENITEZ LIZAOLA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA OMAIRA GONZALEZ MARTIN et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2019
16	Optical spectroscopic observations of gamma-ray blazar candidates VIII: the 2016–2017 follow up campaign carried out at SPM, NOT, KPNO and SOAR telescopes	VAHRAM CHAVUSHYAN ELENA JIMENEZ BAILON E. J. Marchesini et al.	ASTROPHYSICS AND SPACE SCIENCE	2019
17	Recent developments at the OAN-SPM	JOSE DE JESUS GONZALEZ GONZALEZ MAURICIO REYES RUIZ WILLIAM HENRY LEE ALARDIN et al.	Proceedings of SPIE	2018
18	End-to-end simulations for COLIBRI, ground follow-up telescope for the SVOM mission	ALAN MORGAN WATSON FORSTER FERNANDO ANGELES URIBE EDGAR OMAR CADENA ZEPEDA et al.	Proceedings of SPIE	2018
19	Primary and secondary mirror manufacturing for COLIBRI ground follow-up telescope of the SVOM mission	JORGE FUENTES FERNANDEZ ALAN MORGAN WATSON FORSTER SALVADOR CARLOS CUEVAS CARDONA et al.	Proceedings of SPIE	2018
20	A possible binary AGN in Mrk 622?	ERIKA MARIA BENITEZ LIZAOLA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA OMAIRA GONZALEZ MARTIN et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018
21	A possible binary nuclei in Mrk 622	ERIKA MARIA BENITEZ LIZAOLA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA OMAIRA GONZALEZ MARTIN et al.	NINTH ANNUAL CONFERENCE ON LARGE HADRON COLLIDER PHYSICS, LHCP2021	2018
22	Optical spectroscopic observations of gamma-ray blazar candidates. VII. Follow-up campaign in the southern hemisphere	ELENA JIMENEZ BAILON Peña-Herazo H.A. Marchesini E.J. et al.	ASTROPHYSICS AND SPACE SCIENCE	2017



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23	Monitoring at TeV energies with M@TE	JOSE RUBEN ALFARO MOLINA ABEL BERNAL BEJARLE FERNANDO GARFIAS MACEDO et al.	NINTH ANNUAL CONFERENCE ON LARGE HADRON COLLIDER PHYSICS, LHCP2021	2017
24	Monitoring at TeV energies with M@TE	JOSE RUBEN ALFARO MOLINA ABEL BERNAL BEJARLE FERNANDO GARFIAS MACEDO et al.	NINTH ANNUAL CONFERENCE ON LARGE HADRON COLLIDER PHYSICS, LHCP2021	2017
25	HOW STARS INTERACT WITH THEIR LOCAL ENVIRONMENT IN CYGNUS-X	CARLOS GERARDO ROMAN ZUÑIGA ELENA JIMENEZ BAILON LUIS ALBERTO ZAPATA GONZALEZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2017
26	THE NATURE OF FIFTY PALERMO SWIFT-BAT HARD X-RAY OBJECTS THROUGH OPTICAL SPECTROSCOPY	ELENA JIMENEZ BAILON Rojas, A. F. Masetti, N. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2017
27	OPTICAL SPECTROSCOPIC OBSERVATIONS OF GAMMA-RAY BLAZAR CANDIDATES. VI. FURTHER OBSERVATIONS FROM TNG, WHT, OAN, SOAR, AND MAGELLAN TELESCOPES	VAHRAM CHAVUSHYAN ELENA JIMENEZ BAILON Crespo, N. Alvarez et al.	ASTRONOMICAL JOURNAL	2016
28	OPTICAL SPECTROSCOPIC OBSERVATIONS OF GAMMA-RAY BLAZAR CANDIDATES. V. TNG, KPNO, AND OAN OBSERVATIONS OF BLAZAR CANDIDATES OF UNCERTAIN TYPE IN THE NORTHERN HEMISPHERE	ELENA JIMENEZ BAILON Crespo, N. Alvarez Masetti, N. et al.	ASTRONOMICAL JOURNAL	2016
29	The gamma-ray blazar quest: new optical spectra, state of art and future perspectives	ELENA JIMENEZ BAILON Massaro, F. Crespo, N. Alvarez et al.	ASTROPHYSICS AND SPACE SCIENCE	2016
30	Optical archival spectra of blazar candidates of uncertain type in the 3rd Fermi Large Area Telescope Catalog	ELENA JIMENEZ BAILON Crespo, N. Alvarez Massaro, F. et al.	ASTROPHYSICS AND SPACE SCIENCE	2016



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31	Looking for blazars in a sample of unidentified high-energy emitting Fermi sources	ELENA JIMENEZ BAILON Marchesini, E. J. Masetti, N. et al.	ASTRONOMY & ASTROPHYSICS	2016
32	REFINING THE ASSOCIATIONS OF THE FERMI LARGE AREA TELESCOPE SOURCE CATALOGS	H. OtiFloranes VAHRAM CHAVUSHYAN ELENA JIMENEZ BAILON et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2015
33	Fossil group origins - VI. Global X-ray scaling relations of fossil galaxy clusters	ELENA JIMENEZ BAILON MONICA LOZADA MUÑOZ Kundert, A. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2015
34	THE YOUNG STELLAR POPULATION of the CYGNUS-X DR15 REGION	CARLOS GERARDO ROMAN ZUÑIGA ELENA JIMENEZ BAILON J. E. Ybarra et al.	ASTRONOMICAL JOURNAL	2015
35	Multi-wavelength selection and identification of gamma-ray blazar candidates	ELENA JIMENEZ BAILON VAHRAM CHAVUSHYAN Alessandro Paggi et al.	Iau Symposium Proceedings Series	2015
36	Accurate classification of 75 counterparts of objects detected in the 54-month Palermo Swift/BAT hard X-ray catalogue	ELENA JIMENEZ BAILON Parisi, P. Masetti, N. et al.	ASTRONOMY & ASTROPHYSICS	2014
37	The properties of the clumpy torus and BLR in the polar-scattered Seyfert 1 galaxy ESO 323-G77 through X-ray absorption variability	YAIR EMMANUEL KRONGOLD HERRERA ELENA JIMENEZ BAILON Miniutti, G. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2014
38	Optical spectroscopic observations of ?-ray blazar candidates. I. preliminary results	ELENA JIMENEZ BAILON H. Oti Floranes Paggi, A. et al.	ASTRONOMICAL JOURNAL	2014
39	Fossil group origins: IV. Characterization of the sample and observational properties of fossil systems	ELENA JIMENEZ BAILON M. Lozada Muoz Zarattini, S. et al.	ASTRONOMY & ASTROPHYSICS	2014
40	Physical properties and evolutionary state of the Lyman alpha emitting starburst galaxy IRAS 08339+6517	H. Oti Floranes ELENA JIMENEZ BAILON Mas-Hesse, J. M. et al.	ASTRONOMY & ASTROPHYSICS	2014
41	A detailed analysis of the high-resolution X-ray spectra of NGC 3516: Variability of the ionized absorbers	E. M. Huerta YAIR EMMANUEL KRONGOLD HERRERA ELENA JIMENEZ BAILON et al.	ASTROPHYSICAL JOURNAL	2014



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42	Engulfing a radio pulsar: The case of PSR J1023+0038	ELENA JIMENEZ BAILON H. Oti Floranes F. G. Ramon Fox et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2014
43	Characterization of a sample of intermediate-type AGNs. I. spectroscopic properties and serendipitous discovery of new dual AGNs	ERIKA MARIA BENITEZ LIZAOLA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA Benoni Martinez et al.	ASTROPHYSICAL JOURNAL	2013
44	Characterization of a sample of intermediate-type active galactic nuclei. II. Host bulge properties and black hole mass estimates	ERIKA MARIA BENITEZ LIZAOLA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA Benoni Martinez et al.	ASTROPHYSICAL JOURNAL	2013
45	X-ray observations of the Compton-thick Seyfert 2 galaxy, NGC 5643	ELENA JIMENEZ BAILON Matt, G. Bianchi, S. et al.	ASTRONOMY & ASTROPHYSICS	2013
46	Unveiling the nature of INTEGRAL objects through optical spectroscopy: X. A new multi-year, multi-observatory campaign	ELENA JIMENEZ BAILON Masetti, N. Parisi, P. et al.	ASTRONOMY & ASTROPHYSICS	2013
47	X-ray emission from RX J1720.1+2638 and Abell 267: A comparison between a fossil and a non-fossil system	ELENA JIMENEZ BAILON MONICA LOZADA MUÑOZ Aguerri, J. A. L.	ASTRONOMISCH E NACHRICHTEN	2013
48	BL Lacertae identifications in a ROSAT-selected sample of Fermi unidentified objects	ELENA JIMENEZ BAILON Masetti, N. Sbarufatti, B. et al.	ASTRONOMY & ASTROPHYSICS	2013
49	Unveiling the nature of INTEGRAL objects through optical spectroscopy IX. Twenty two more identifications, and a glance into the far hard X-ray Universe	ELENA JIMENEZ BAILON Masetti, N. Parisi, P. et al.	ASTRONOMY & ASTROPHYSICS	2012
50	ON THE NATURE OF HARD X-RAY EXTRAGALACTIC SOURCES OBSERVED WITH XMM-NEWTON	ELENA JIMENEZ BAILON E. M. Huerta YAIR EMMANUEL KRONGOLD HERRERA et al.	ASTRONOMICAL JOURNAL	2012
51	Accurate classification of 29 objects detected in the 39 month Palermo Swift/BAT hard X-ray catalogue	ELENA JIMENEZ BAILON Parisi, P. Masetti, N. et al.	ASTRONOMY & ASTROPHYSICS	2012
52	Multiwavelength analysis of the Lyman-alpha emitting galaxy Haro 2: relation between the diffuse Lyman-alpha and soft X-ray emissions	ELENA JIMENEZ BAILON Oti-Floranes, H. Mas-Hesse, J. M. et al.	ASTRONOMY & ASTROPHYSICS	2012



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53	Identification of newly-discovered sources belonging to the 4th IBIS catalog and to the 54 months Palermo Swift/BAT catalog	ELENA JIMENEZ BAILON Parisi P. Masetti N. et al.	NINTH ANNUAL CONFERENCE ON LARGE HADRON COLLIDER PHYSICS, LHCP2021	2012
54	Searching for AGN among unidentified INTEGRAL sources	ELENA JIMENEZ BAILON Maiorano E. Landi R. et al.	NINTH ANNUAL CONFERENCE ON LARGE HADRON COLLIDER PHYSICS, LHCP2021	2011
55	Accurate classification of 28 objects detected in the 39 months palermo swift/BAT hard X-ray catalogue	ELENA JIMENEZ BAILON Parisi P. Masetti N. et al.	NINTH ANNUAL CONFERENCE ON LARGE HADRON COLLIDER PHYSICS, LHCP2021	2011
56	The nature of 19 X-ray sources detected with INTEGRAL	ELENA JIMENEZ BAILON Masetti N. Parisi P. et al.	NINTH ANNUAL CONFERENCE ON LARGE HADRON COLLIDER PHYSICS, LHCP2021	2011
57	NGC 3516: Spectral features and their relation with X-ray variability in time	YAIR EMMANUEL KRONGOLD HERRERA ELENA JIMENEZ BAILON Huerta E.M.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2011
58	3D visualization of evolutionary diagrams for quasars in the parameters space 4DE1	ELENA JIMENEZ BAILON Anguiano O. Dultzin D. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2011



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59	Searching for active galactic nuclei among unidentified INTEGRAL sources	ELENA JIMENEZ BAILON Maiorano, E. Landi, R. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2011
60	X-ray spectroscopy of the Compton-thick Seyfert 2 ESO 138-G1	ELENA JIMENEZ BAILON Piconcelli, E. Bianchi, S. et al.	ASTRONOMY & ASTROPHYSICS	2011
61	The X-ray emission of local luminous infrared galaxies	ELENA JIMENEZ BAILON Pereira-Santaella, M. Alonso-Herrero, A. et al.	ASTRONOMY & ASTROPHYSICS	2011
62	How complex is the obscuration in AGN?	ELENA JIMENEZ BAILON Bianchi S. Piconcelli E. et al.	AIP Conference Proceedings	2010
63	Suzaku monitoring of the seyfert 1 Galaxy NGC5548: Warm absorber location and its implication for cosmic feedback	YAIR EMMANUEL KRONGOLD HERRERA MERCEDES ANDRADE VELAZQUEZ LUC JOSEPH AURELE BINETTE et al.	ASTROPHYSICAL JOURNAL	2010
64	THE TWO-PHASE, TWO-VELOCITY IONIZED ABSORBER IN THE SEYFERT 1 GALAXY NGC 5548	MERCEDES ANDRADE VELAZQUEZ YAIR EMMANUEL KRONGOLD HERRERA LUC JOSEPH AURELE BINETTE et al.	ASTROPHYSICAL JOURNAL	2010
65	REVEALING THE NATURE OF NEW UNIDENTIFIED INTEGRAL SOURCES	ELENA JIMENEZ BAILON Masetti, Nicola Parisi, Pietro et al.	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2010
66	A long hard look at the minimum state of PG 2112+059 with XMM-Newton	ELENA JIMENEZ BAILON Schartel, N. Rodriguez-Pascual, P. M. et al.	ASTRONOMY & ASTROPHYSICS	2010
67	Unveiling the nature of INTEGRAL objects through optical spectroscopy VIII. Identification of 44 newly detected hard X-ray sources	ELENA JIMENEZ BAILON Masetti, N. Parisi, P. et al.	ASTRONOMY & ASTROPHYSICS	2010
68	The broad-band X-ray spectrum of the Seyfert 1 galaxy, MCG+8-11-11	ELENA JIMENEZ BAILON Bianchi, S. De Angelis, I. et al.	ASTRONOMY & ASTROPHYSICS	2010
69	XMM-NEWTON VIEW OF THE MULTIPHASE WARM ABSORBER IN SEYFERT 1 GALAXY NGC 985	YAIR EMMANUEL KRONGOLD HERRERA ELENA JIMENEZ BAILON MERCEDES ANDRADE VELAZQUEZ et al.	ASTROPHYSICAL JOURNAL	2009
70	Unveiling the nature of INTEGRAL objects through optical spectroscopy VII. Identification of 20 Galactic and extragalactic hard X-ray sources	ELENA JIMENEZ BAILON Masetti, N. Parisi, P. et al.	ASTRONOMY & ASTROPHYSICS	2009
71	Suzaku observation of the Phoenix galaxy	ELENA JIMENEZ BAILON Matt, G. Bianchi, S. et al.	ASTRONOMY & ASTROPHYSICS	2009



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72	HOW COMPLEX IS THE OBSCURATION IN ACTIVE GALACTIC NUCLEI? NEW CLUES FROM THE SUZAKU MONITORING OF THE X-RAY ABSORBERS IN NGC 7582	ELENA JIMENEZ BAILON Bianchi, Stefano Piconcelli, Enrico et al.	ASTROPHYSICAL JOURNAL	2009
73	Evolution of the X-ray luminosity in young H II galaxies	ELENA JIMENEZ BAILON Rosa Gonzalez, D. Terlevich, E. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2009
74	An X-ray view of 82 LINERs with Chandra and XMM-Newton data	ELENA JIMENEZ BAILON Gonzalez-Martin, O. Masegosa, J. et al.	ASTRONOMY & ASTROPHYSICS	2009
75	Accurate classification of 17 AGNs detected with Swift/BAT	ELENA JIMENEZ BAILON Parisi, P. Masetti, N. et al.	ASTRONOMY & ASTROPHYSICS	2009
76	Heavy absorption and soft X-ray emission lines in the XMM-Newton spectrum of the type 2 radio-loud quasar 3C 234	ELENA JIMENEZ BAILON Piconcelli, E. Bianchi, S. et al.	ASTRONOMY & ASTROPHYSICS	2008
77	NGC 3147: a 'true' type 2 Seyfert galaxy without the broad-line region	ELENA JIMENEZ BAILON Bianchi, S. Corral, A. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2008
78	XMM-Newton observations of 4 luminous radio-quiet AGN, and the soft X-ray excess problem	ELENA JIMENEZ BAILON D'Ammando, F. Bianchi, S. et al.	ASTRONOMY & ASTROPHYSICS	2008
79	X-ray spectral variability in PG 1535+547: the changing look of a "soft X-ray weak" AGN	ELENA JIMENEZ BAILON Ballo, L. Giustini, M. et al.	ASTRONOMY & ASTROPHYSICS	2008
80	A broad-line region origin for the iron K alpha line in NGC 7213	ELENA JIMENEZ BAILON Bianchi, Stefano La Franca, Fabio et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2008
81	Detection of blueshifted emission and absorption and a relativistic iron line in the X-ray spectrum of ESO 323-G077	ELENA JIMENEZ BAILON YAIR EMMANUEL KRONGOLD HERRERA Bianchi, S. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2008



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82	Can ionized outflows in AGN produce important feedback effects? the case of ngc 4051	YAIR EMMANUEL KRONGOLD HERRERA ELENA JIMENEZ BAILON LUC JOSEPH AURELE BINETTE et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2008
83	X-ray properties of a sample of polar-scattered seyfert galaxies	ELENA JIMENEZ BAILON YAIR EMMANUEL KRONGOLD HERRERA Guainazzi M. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2008
84	The escape of Lyman photons from a young starburst: The case of Haro 11	ELENA JIMENEZ BAILON Hayes M. Östlin G. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2007
85	XMM-Newton view of the double-peaked Fe Ka complex in E1821+643	ELENA JIMENEZ BAILON Santos-Lleó M. Piconcelli E. et al.	ASTRONOMY & ASTROPHYSICS	2007
86	The XMM-Newton/INTEGRAL monitoring campaign of IGR J16318-4848	ELENA JIMENEZ BAILON Ibarra A. Matt G. et al.	ASTRONOMY & ASTROPHYSICS	2007
87	The compact, conical, accretion-disk warm absorber of the seyfert 1 galaxy NGC 4051 and its implications for IGM-galaxy feedback processes	YAIR EMMANUEL KRONGOLD HERRERA ELENA JIMENEZ BAILON LUC JOSEPH AURELE BINETTE et al.	ASTROPHYSICAL JOURNAL	2007
88	XMM-Newton view of galaxy pairs: Activation of quiescent black holes?	ELENA JIMENEZ BAILON Loiseau N. Guainazzi M. et al.	ASTRONOMY & ASTROPHYSICS	2007
89	XMM-Newton view of the relativistic Fe Ka feature in the intermediate Seyfert galaxy 4U 1344-60	ELENA JIMENEZ BAILON Piconcelli E. Sánchez-Portal M. et al.	AIP Conference Proceedings	2007
90	XMM-Newton observation of the deep minimum state of PG 2112+059 a spectrum dominated by reflection from the accretion disk?	ELENA JIMENEZ BAILON Schartel N. Rodríguez-Pascual P.M. et al.	ASTRONOMY & ASTROPHYSICS	2007
91	Discovery of water maser emission in eight AGNs with 70 m antennas of NASA'S deep space network	ELENA JIMENEZ BAILON Kondratko P.T. Greenhill L.J. et al.	ASTROPHYSICAL JOURNAL	2006
92	CCS and NH3 emission associated with low-mass young stellar objects	LUIS FELIPE DE JESUS RODRIGUEZ JORGE ELENA JIMENEZ BAILON De Gregorio-Monsalvo I. et al.	ASTROPHYSICAL JOURNAL	2006



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93	4U 1344-60: A bright intermediate Seyfert galaxy at $z = 0.012$ with a relativistic Fe K α emission line	ELENA JIMENEZ BAILON Piconcelli E. Sánchez-Portal M. et al.	ASTRONOMY & ASTROPHYSICS	2006
94	Erratum: Discovery of water maser emission in eight AGNs with 70 m antennas of NASA's deep space network (Astrophysical Journal (2006) 638 (100))	ELENA JIMENEZ BAILON Kondratko P.T. Greenhill L.J. et al.	ASTROPHYSICAL JOURNAL	2006
95	Relativistic Fe K α features in the XMM-Newton spectrum of the intermediate Seyfert galaxy 4U 1344-60	ELENA JIMENEZ BAILON Piconcelli E. Sánchez-Portal M. et al.	ASTRONOMISCH E NACHRICHTEN	2006
96	Evidence for the AGN nature of LINERS	ELENA JIMENEZ BAILON González-Martín O. Másegosa J. et al.	Iau Symposium Proceedings Series	2006
97	The early stage of a cosmic collision? XMM-Newton unveils two obscured AGN in the galaxy pair ESO509-IG066	ELENA JIMENEZ BAILON Guainazzi M. Piconcelli E. et al.	ASTRONOMY & ASTROPHYSICS	2005
98	The XMM-Newton view of PG quasars I. X-ray continuum and absorption	ELENA JIMENEZ BAILON Piconcelli E. Guainazzi M. et al.	ASTRONOMY & ASTROPHYSICS	2005
99	The XMM-Newton spectrum of the high- z optically-obscured QSO RX J1343.4+0001: A classic radio quiet QSO	ELENA JIMENEZ BAILON Piconcelli E. Guainazzi M. et al.	ASTRONOMY & ASTROPHYSICS	2005
100	The XMM-Newton view of three X-ray weak quasars: Iron emission and strong ionized absorption	ELENA JIMENEZ BAILON Schartel N. Rodríguez-Pascual P.M. et al.	ASTRONOMY & ASTROPHYSICS	2005
101	The XMM-Newton view of PG quasars II. Properties of the Fe K α line	ELENA JIMENEZ BAILON Piconcelli E. Guainazzi M. et al.	ASTRONOMY & ASTROPHYSICS	2005
102	X-ray emission from NGC 1808: More than a complex starburst	ELENA JIMENEZ BAILON Santos-Lleó M. Dahlem M. et al.	ASTRONOMY & ASTROPHYSICS	2005
103	The properties of the absorbing and line emitting matter in IGR J16318-4848	ELENA JIMENEZ BAILON Matt G. Guainazzi M. et al.	AIP Conference Proceedings	2005
104	Evidence for a multizone warm absorber in the XMM-Newton spectrum of Markarian 304	ELENA JIMENEZ BAILON Piconcelli E. Guainazzi M. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2004
105	Erratum: Detection of a super-star cluster as the ionizing source in the low-luminosity active galactic nucleus NGC 4303 (The Astrophysical Journal (2003) 582 (1269))	ELENA JIMENEZ BAILON Colina L. Delgado R.G. et al.	ASTROPHYSICAL JOURNAL	2003



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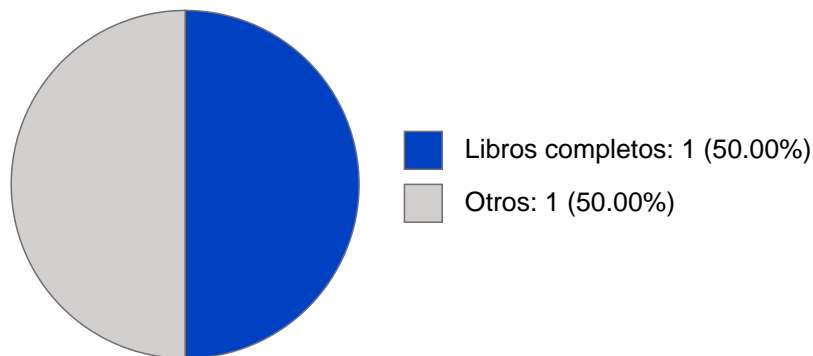


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106	Nuclear activity and massive star formation in the low-luminosity active galactic nucleus NGC 4303: Chandra X-ray observations	ELENA JIMENEZ BAILON Santos-Lleó M. Mas-Hesse J.M. et al.	ASTROPHYSICAL JOURNAL	2003
107	Erratum: Detection of a super-star cluster as the ionizing source in the low-luminosity active galactic nucleus NGC 43031 (The Astrophysical Journal (2002) 579 (545))	ELENA JIMENEZ BAILON Colina L. Delgado R.G. et al.	ASTROPHYSICAL JOURNAL	2003

LIBROS Y CAPITULOS CON ISBN

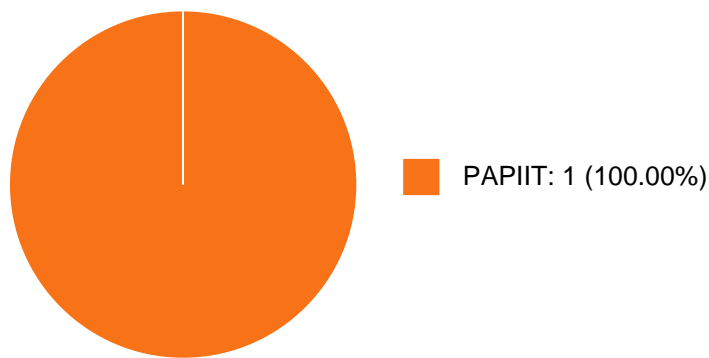
Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	The tricky line of sight towards Cygnus-X: The [DB2001] CL05 embedded cluster as a pilot case	DIEGO DE LA FUENTE GUILLEN CARLOS GERARDO ROMAN ZUÑIGA ELENA JIMENEZ BAILON et al.	Conferencia e Paper	2018	9788409093311
2	Charlas a la luz de la luna	MANUEL PEIMBERT SIERRA YOLANDA GOMEZ CASTELLANOS JESUS GALINDO TREJO et al.	Libro Completo	2012	9786078193240

PARTICIPACIÓN EN PROYECTOS

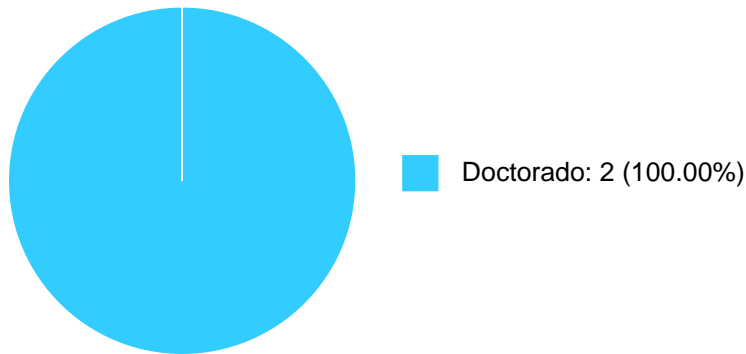
Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Estudios sistemáticos en altas energías del Universo extra-galáctico	ELENA JIMENEZ BAILON	Recursos PAPIIT	01-01-2017	31-12-2019
2	Exploración temprana del universo desde el cielo de México.	ELENA JIMENEZ BAILON	Recursos CONAHCyT	10-04-2018	09-04-2023

PARTICIPACIÓN EN TESIS

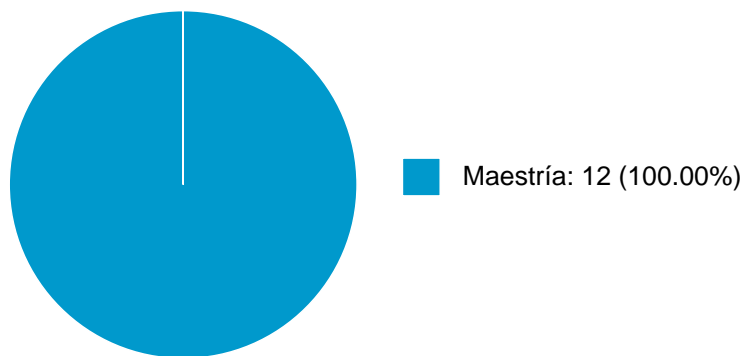
Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Características de la emisión en rayos-X en sistemas fósiles de galaxias	Tesis de Doctorado	ELENA JIMENEZ BAILON,	Lozada Muñoz, Mónica,	Instituto de Astronomía,	2017
2	Estudio de variabilidad de la Galaxia Seyfert ngc3516 con espectros de alta resolución de xmm-Newton y Chandra	Tesis de Doctorado	ELENA JIMENEZ BAILON,	Huerta Martínez, Erendira María,	Instituto de Astronomía,	2012

DOCENCIA IMPARTIDA

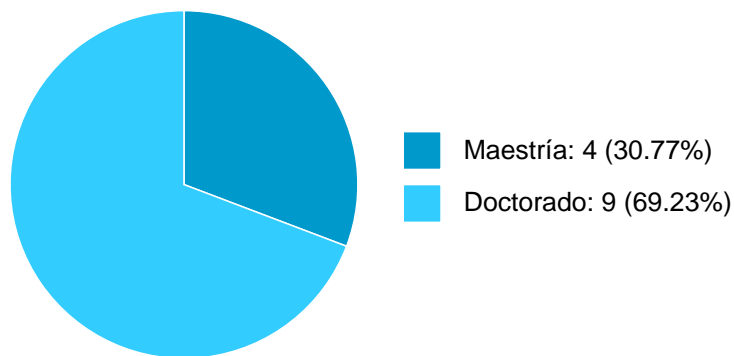
Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA	Instituto de Astronomía	3	2020-2
2	Maestría	ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA	Instituto de Astronomía	2	2019-2
3	Maestría	PROBLEMAS CONTEMPORÁNEOS DE ASTRONOMÍA EXTRAGALÁCTICA DEL CAMPO DE CONOCIMIENTO TEOR.	Instituto de Astronomía	4	2018-2
4	Maestría	ASTRONOMÍA OBSERVACIONAL DEL CAMPO DE CONOCIMIENTO OBSV.	Instituto de Astronomía	3	2017-2
5	Maestría	ASTRONOMÍA OBSERVACIONAL DEL CAMPO DE CONOCIMIENTO OBSV.-396848	Instituto de Astronomía	1	2017-1
6	Maestría	ASTROFISICA OBSERVACIONAL - ASTRONOMIA OBSERVACIONAL	Instituto de Astronomía	1	2016-2
7	Maestría	ASTROFISICA OBSERVACIONAL - ASTRONOMIA OBSERVACIONAL	Instituto de Astronomía	5	2016-1
8	Maestría	ASTRONOMIA EXTRAGALACTICA Y COSMOLOGIA	Instituto de Astronomía	3	2013-1
9	Maestría	ASTRONOMIA EXTRAGALACTICA Y COSMOLOGIA	Instituto de Astronomía	6	2012-1
10	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Astronomía	2	2010-2
11	Maestría	ASTRONOMIA EXTRAGALACTICA Y COSMOLOGIA	Instituto de Astronomía	2	2010-2
12	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Astronomía	1	2010-1

TUTORIAS EN POSGRADO

Histórico de tutorías en posgrado



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2020	2020-2
2	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2015	2015-2
3	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2014	2015-1
4	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2013	2013-2
5	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2013	2014-1
6	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2012	2012-2
7	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2012	2013-1
8	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2011	2011-2
9	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2011	2012-1
10	Instituto de Astronomía	Maestría	Maestría en Ciencias (Astronomía)	2010	2010-2
11	Instituto de Astronomía	Maestría	Maestría en Ciencias (Astronomía)	2010	2011-1
12	Instituto de Astronomía	Maestría	Maestría en Ciencias (Astronomía)	2009	2009-2
13	Instituto de Astronomía	Maestría	Maestría en Ciencias (Astronomía)	2009	2010-1



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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	2008-2023
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