



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



**ERIKA MARIA BENITEZ LIZAOLA**

## Datos Generales

**Nombre:** ERIKA MARIA BENITEZ LIZAOLA

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 31 años

---

## Nombramientos

**Vigente:** INVESTIGADOR TITULAR A TC Definitivo  
Instituto de Astronomía  
Desde 01-01-2015

---

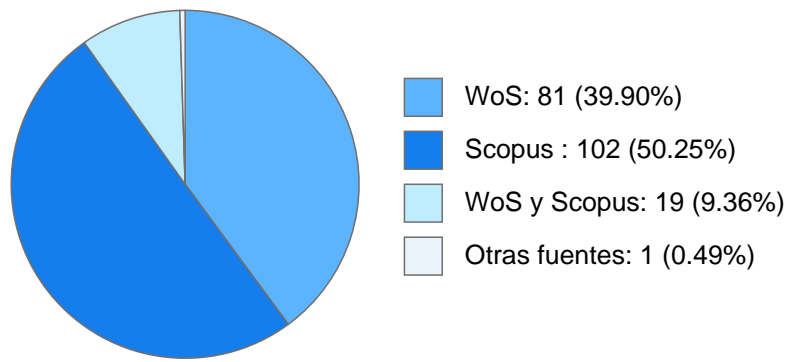
## Estímulos, programas, premios y reconocimientos

SNI II 2021 - VIGENTE  
SNI I - 2020  
PRIDE C - VIGENTE

**ERIKA MARIA BENITEZ LIZAOLA**

**DOCUMENTOS EN REVISTAS**

**Histórico de Documentos**



#	Título	Autores	Revista	Año
1	Multi-Epoch Optical Spectroscopy Variability of the Changing-Look AGN Mrk 883	ERIKA MARIA BENITEZ LIZAOLA CASTALIA ALENKA NEGRETE PEÑALOZA HECTOR JAVIER IBARRA MEDEL et al.	Universe	2024
2	The Lockman'SpReSO project: Galactic flows in a sample of far-infrared galaxies	JOSE DE JESUS GONZALEZ GONZALEZ ERIKA MARIA BENITEZ LIZAOLA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	ASTRONOMY & ASTROPHYSICS	2024
3	Optical variability of the blazar 3C 371: From minute to year timescales	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Otero-Santos J. et al.	ASTRONOMY & ASTROPHYSICS	2024
4	Exploring the nature of the jetted hybrid AGNs: PKS 2004-447, 3C 286, and PKS 0440-00 through the SED modeling	JESSICA LUNA CERVANTES ERIKA MARIA BENITEZ LIZAOLA Tramacere A.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2024
5	Testing particle acceleration in blazar jets with continuous high-cadence optical polarization observations	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Liodakis I. et al.	ASTRONOMY & ASTROPHYSICS	2024

**ERIKA MARIA BENITEZ LIZAOLA**

6	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
7	Multimessenger Characterization of Markarian 501 during Historically Low X-Ray and $\gamma$ -Ray Activity	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Abe H. et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2023
8	3D Spectroscopy with GTC-MEGARA of the Triple AGN Candidate in SDSS J102700.40+174900.8	ERIKA MARIA BENITEZ LIZAOLA CASTALIA ALENKA NEGRETE PEÑALOZA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	ASTROPHYSICAL JOURNAL	2023
9	The Eighteenth Data Release of the Sloan Digital Sky Surveys: Targeting and First Spectra from SDSS-V	JORGE KAROLT BARRERA BALLESTEROS ERIKA MARIA BENITEZ LIZAOLA MARIANA CANO DIAZ et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2023
10	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
11	A two-zone model as origin of hard TeV spectrum in extreme BL lacs	NISSIM ILLICH FRAIJA CABRERA EDWIN ANTONIO GALVAN GAMEZ ERIKA MARIA BENITEZ LIZAOLA et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2022
12	The dual nature of blazar fast variability: Space and ground observations of S5 0716+714	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA C. M. Raiteri et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2021
13	The complex variability of blazars: Time-scales and periodicity analysis in S4 0954+65	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Raiteri C.M. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2021
14	Multiwavelength Variability of BL Lacertae Measured with High Time Resolution	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Z. R. Weaver et al.	ASTROPHYSICAL JOURNAL	2020
15	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

**ERIKA MARIA BENITEZ LIZAOLA**

16	Optical Polarimetric and Multiwavelength Flaring Activity of Blazar 3C 279	NISSIM ILLICH FRAIJA CABRERA ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2019
17	Investigating the multiwavelength behaviour of the flat spectrum radio quasar CTA 102 during 2013-2017	ERIKA MARIA BENITEZ LIZAOLA JUAN MANUEL ECHEVARRIA ROMAN DAVID SALOME HIRIART GARCIA et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2019
18	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
19	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
20	The Bright $\gamma$ -ray Flare of 3C 279 in 2015 June: AGILE Detection and Multifrequency Follow-up Observations	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA C. Pittori et al.	ASTROPHYSICAL JOURNAL	2018
21	Extreme HBL behavior of Markarian 501 during 2012	PEDRO COLIN ALMAZAN JULIANA HERRERA LOPEZ ERIKA MARIA BENITEZ LIZAOLA et al.	ASTRONOMY & ASTROPHYSICS	2018
22	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
23	Long-term Optical Polarization Variability and Multiwavelength Analysis of Blazar Mrk 421	NISSIM ILLICH FRAIJA CABRERA ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2017
24	Blazar spectral variability as explained by a twisted inhomogeneous jet	ERIKA MARIA BENITEZ LIZAOLA JUAN MANUEL ECHEVARRIA ROMAN DAVID SALOME HIRIART GARCIA et al.	Nature	2017
25	Polarization angle swings in blazars: The case of 3C 279	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA MARCO ANTONIO SORCIA SOTO et al.	ASTRONOMY & ASTROPHYSICS	2016

**ERIKA MARIA BENITEZ LIZAOLA**

26	MULTIFREQUENCY PHOTO-POLARIMETRIC WEBT OBSERVATION CAMPAIGN ON THE BLAZAR S5 0716+714: SOURCE MICROVARIABILITY AND SEARCH FOR CHARACTERISTIC TIMESCALES	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Bhatta, G. et al.	ASTROPHYSICAL JOURNAL	2016
27	Polarization angle swings in blazars: The case of 3C 279 (vol 590, A10, 2016)	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Kiehlmann, S. et al.	ASTRONOMY & ASTROPHYSICS	2016
28	Multiwavelength behaviour of the blazar OJ 248 from radio to $\gamma$ -rays	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Carnerero, M. I. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2015
29	DISCOVERY of A HIGHLY POLARIZED OPTICAL MICROFLARE in BLAZAR S5 0716+714 during the 2014 WEBT CAMPAIGN	ERIKA MARIA BENITEZ LIZAOLA A. D. Cason DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL LETTERS	2015
30	The WEBT campaign on the BL Lac object PG 1553+113 in 2013. An analysis of the enigmatic synchrotron emission	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Raiteri, C. M. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2015
31	VAMOS: A pathfinder for the HAWC gamma-ray observatory	JOSE RUBEN ALFARO MOLINA JESUS ALVAREZ CASTILLO FERNANDO ANGELES URIBE et al.	ASTROPARTICLE PHYSICS	2015
32	Rotation of the optical polarization angle associated with the 2008 $\gamma$ -ray flare of blazar W comae	MARCO ANTONIO SORCIA SOTO ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL	2014
33	Flaring activity of Mrk 421 in 2012 and 2013: Orphan flare and multiwavelength analysis	NISSIM ILLICH FRAIJA CABRERA ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA et al.	NINTH ANNUAL CONFERENCE ON LARGE HADRON COLLIDER PHYSICS, LHCP2014	2014
34	The high altitudewater Cerenkov (HAWC) TeV gamma ray observatory	SAUL AGUILAR SALAZAR JOSE RUBEN ALFARO MOLINA ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	Astrophysics and Space Science Proceedings	2013

**ERIKA MARIA BENITEZ LIZAOLA**

35	LAE'S AT Z similar to 4.5: THE ENVIRONMENT OF THE RADIO QUIET QSO SDSS J080849.42+521515.3	ERIKA MARIA BENITEZ LIZAOLA YAIR EMMANUEL KRONGOLD HERRERA JOSE DE JESUS GONZALEZ GONZALEZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2013
36	LAE'S AT Z ~ 4.5: The environment of the radio quiet QSO SDSS J080849.42+521515.3	ERIKA MARIA BENITEZ LIZAOLA YAIR EMMANUEL KRONGOLD HERRERA JOSE DE JESUS GONZALEZ GONZALEZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2013
37	Evidence of two-component optical polarization in blazar IES 1959+650	MARCO ANTONIO SORCIA SOTO ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA	XLV SYMPOSIUM ON NUCLEAR PHYSICS 2024	2013
38	A large rotation of the polarization angle of the TeV Blazar W Comae	ERIKA MARIA BENITEZ LIZAOLA MARCO ANTONIO SORCIA SOTO DAVID SALOME HIRIART GARCIA	XLV SYMPOSIUM ON NUCLEAR PHYSICS 2024	2013
39	Analyzing polarization swings in 3C 279	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA MARCO ANTONIO SORCIA SOTO et al.	XLV SYMPOSIUM ON NUCLEAR PHYSICS 2024	2013
40	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
41	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
42	Long-term optical polarization variability of the TeV blazar IES 1959+650	MARCO ANTONIO SORCIA SOTO ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2013
43	A hydrodynamical model for the fermi-LAT $\gamma$ -ray light curve of blazar PKS 1510-089	JOSE IGNACIO CABRERA MARTINEZ YAXK' IN U KAN CORONADO GONZALEZ ERIKA MARIA BENITEZ LIZAOLA et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2013
44	The awakening of BL Lacertae: Observations by fermi, swift and the GASP-WEBT	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Raiteri, C. M. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2013



**ERIKA MARIA BENITEZ LIZAOLA**

45	Spectral optical monitoring of a double-peaked emission line AGN Arp 102B: Variability of spectral lines and continuum	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER Shapovalova, A. I. et al.	ASTRONOMY & ASTROPHYSICS	2013
46	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY gamma-RAY OBSERVATIONS IN 2008-2010	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Hayashida, M. et al.	ASTROPHYSICAL JOURNAL	2012
47	Variability of the blazar 4C 38.41 (B3 1633+382) from GHz frequencies to GeV energies	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Raiteri, C. M. et al.	ASTRONOMY & ASTROPHYSICS	2012
48	SPECTRAL OPTICAL MONITORING OF THE NARROW-LINE SEYFERT 1 GALAXY Ark 564	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER Shapovalova, A. I. et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2012
49	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Ackermann, M. et al.	ASTROPHYSICAL JOURNAL	2012
50	On the sensitivity of the HAWC observatory to gamma-ray bursts	SAUL AGUILAR SALAZAR JOSE RUBEN ALFARO MOLINA ERICK JONATHAN ALMARAZ AVIÑA et al.	ASTROPARTICLE PHYSICS	2012
51	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL	2011
52	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER (vol 726, pg 43, 2011)	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL	2011
53	AGILE detection of extreme gamma-ray activity from the blazar PKS 1510-089 during March 2009	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Agudo, I. et al.	ASTRONOMY & ASTROPHYSICS	2011
54	MULTI-WAVELENGTH OBSERVATIONS OF THE GAMMA-RAY BLAZAR PKS 0528+134 IN QUIESCENCE	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA J. M. Lopez et al.	ASTROPHYSICAL JOURNAL	2011
55	ON THE LOCATION OF THE gamma-RAY OUTBURST EMISSION IN THE BL LACERTAE OBJECT AO 0235+164 THROUGH OBSERVATIONS ACROSS THE ELECTROMAGNETIC SPECTRUM	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Agudo, Ivan et al.	ASTROPHYSICAL JOURNAL LETTERS	2011
56	The long-lasting activity of 3C 454.3 GASP-WEBT and satellite observations in 2008-2010	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA Raiteri, C. M. et al.	ASTRONOMY & ASTROPHYSICS	2011

**ERIKA MARIA BENITEZ LIZAOLA**

57	Long-term optical photopolarimetric monitoring of Blazars at San Pedro martir	ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA JOSE IGNACIO CABRERA MARTINEZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2011
58	Polarimetric monitoring of Blazars at San Pedro Martir	MARCO ANTONIO SORCIA SOTO ERIKA MARIA BENITEZ LIZAOLA DAVID SALOME HIRIART GARCIA et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2011
59	A change in the optical polarization associated with a gamma-ray flare in the blazar 3C 279	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER DAVID SALOME HIRIART GARCIA et al.	Nature	2010
60	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE "CRAZY DIAMOND"	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL	2010
61	THE SPECTRAL ENERGY DISTRIBUTION OF FERMI BRIGHT BLAZARS	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL	2010
62	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER DAVID SALOME HIRIART GARCIA et al.	ASTROPHYSICAL JOURNAL	2009
63	AGILE detection of a rapid gamma-ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER DAVID SALOME HIRIART GARCIA et al.	ASTRONOMY & ASTROPHYSICS	2009
64	The GASP-WEBT monitoring of 3C 454.3 during the 2008 optical-to-radio and gamma-ray outburst	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER DAVID SALOME HIRIART GARCIA et al.	ASTRONOMY & ASTROPHYSICS	2009
65	WEBT multiwavelength monitoring and XMM-Newton observations of BL Lacertae in 2007-2008 Unveiling different emission components	ERIKA MARIA BENITEZ LIZAOLA DEBORA DULTZIN KESSLER DAVID SALOME HIRIART GARCIA et al.	ASTRONOMY & ASTROPHYSICS	2009
66	Long-term variability of the optical spectra of NGC 4151 - I. Light curves and flux correlations	ERIKA MARIA BENITEZ LIZAOLA Shapovalova, A. I. Popovic, L. C. et al.	ASTRONOMY & ASTROPHYSICS	2008
67	The supermassive black-hole mass estimation in the Sy1.9 galaxy SBS 0748+499	ERIKA MARIA BENITEZ LIZAOLA VAHRAM CHAVUSHYAN CLAUDIA JANET AMPARO TORREALBA GARCIA et al.	Eso Astrophysics Symposia	2008



**ERIKA MARIA BENITEZ LIZAOLA**

68	Revista Mexicana de Astronomía y Astrofísica: Serie de Conferencias: Preface	ERIKA MARIA BENITEZ LIZAOLA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA YAIR EMMANUEL KRONGOLD HERRERA	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2008
69	Black hole mass estimates in nearby AGN from host-bulge properties	ERIKA MARIA BENITEZ LIZAOLA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA VAHRAM CHAVUSHYAN et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2008
70	Energy distribution of individual quasars from far-ultraviolet to X-rays. I. intrinsic ultraviolet hardness and dust opacities	SINHUE AMOS REFUGIO HARO CORZO LUC JOSEPH AURELE BINETTE YAIR EMMANUEL KRONGOLD HERRERA et al.	ASTROPHYSICAL JOURNAL	2007
71	Large scale absorbers in the environment of high-z radio-galaxies	LUC JOSEPH AURELE BINETTE ERIKA MARIA BENITEZ LIZAOLA SINHUE AMOS REFUGIO HARO CORZO et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2007
72	LYa emitters as tracers of proto-clusters of galaxies at high-z: Rlqsos and rqqsos environment	ERIKA MARIA BENITEZ LIZAOLA YAIR EMMANUEL KRONGOLD HERRERA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2007
73	HAWC @ Mexico	MARIA MAGDALENA GONZALEZ SANCHEZ GUSTAVO ADOLFO MEDINA TANCO DANY PIERRE PAGE ROLLINET et al.	Proceedings Of The 30th International Cosmic Ray Conference, Icrc 2007	2007
74	The unprecedented optical outburst of the quasar 3C 454.3 the WEBT campaign of 2004-2005	ERIKA MARIA BENITEZ LIZAOLA Villata M. Raiteri C.M. et al.	ASTRONOMY & ASTROPHYSICS	2006
75	Optical photometry and spectroscopy of the seyfert galaxy SBS 0748+499	ERIKA MARIA BENITEZ LIZAOLA Torrealba J. Franco-Balderas A. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2006

**ERIKA MARIA BENITEZ LIZAOLA**

76	Coordinated multiwavelength observation of 3C 66A during the webt campaign of 2003-2004	ERIKA MARIA BENITEZ LIZAOLA JOSE ANTONIO DE DIEGO ONSURBE Böttcher M. et al.	ASTROPHYSICAL JOURNAL	2005
77	Lya emitters as tracers of proto-cluster of galaxies at $z \sim 2 - 4$	ERIKA MARIA BENITEZ LIZAOLA YAIR EMMANUEL KRONGOLD HERRERA JOSE DE JESUS GONZALEZ GONZALEZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2005
78	Stellar populations in interacting systems of the second Byurakan survey	ERIKA MARIA BENITEZ LIZAOLA JOSE ANTONIO DE DIEGO ONSURBE Franco-Balderas A.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2005
79	The WEBT BL Lacertae Campaign 2001 and its extension optical light curves and colour analysis 1994-2002	ERIKA MARIA BENITEZ LIZAOLA JOSE ANTONIO DE DIEGO ONSURBE Villata M. et al.	ASTRONOMY & ASTROPHYSICS	2004
80	Spectral characterization of microvariability in quasars	JOSE ANTONIO DE DIEGO ONSURBE ERIKA MARIA BENITEZ LIZAOLA Ramírez A. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2003
81	Coordinated multiwavelength observations of BL Lacertae in 2000	ERIKA MARIA BENITEZ LIZAOLA JOSE ANTONIO DE DIEGO ONSURBE Böttcher M. et al.	ASTROPHYSICAL JOURNAL	2003
82	A multiwavelength study of narrow-line Seyfert 1 galaxies from the second byurakan survey	ERIKA MARIA BENITEZ LIZAOLA YAIR EMMANUEL KRONGOLD HERRERA IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	ASTROPHYSICAL JOURNAL	2003
83	The WEBT BL Lacertae campaign 2000	ERIKA MARIA BENITEZ LIZAOLA JOSE ANTONIO DE DIEGO ONSURBE Villata M. et al.	ASTRONOMY & ASTROPHYSICS	2002
84	The nuclear starburst activity in the Seyfert 2 galaxy NGC 7679	JOSE ANTONIO DE DIEGO ONSURBE ERIKA MARIA BENITEZ LIZAOLA Gu Q.S. et al.	ASTRONOMY & ASTROPHYSICS	2001
85	The 1997 outburst of AO 0235 + 164: Evidence for a microlensing event?	ERIKA MARIA BENITEZ LIZAOLA Webb J.R. Howard E. et al.	ASTRONOMICAL JOURNAL	2000
86	Intensive monitoring of OJ 287	ERIKA MARIA BENITEZ LIZAOLA JOSE ANTONIO DE DIEGO ONSURBE Pursimo T. et al.	ASTRON ASTROPHYS SUP	2000

**ERIKA MARIA BENITEZ LIZAOLA**

87	OJ 287 and the predicted fade of 1998	ERIKA MARIA BENITEZ LIZAOLA JOSE ANTONIO DE DIEGO ONSURBE Pietilä H. et al.	ASTRONOMY & ASTROPHYSICS	1999
88	The 65 day period in 3C 66A during bright state	ERIKA MARIA BENITEZ LIZAOLA JOSE ANTONIO DE DIEGO ONSURBE Lainela M. et al.	ASTROPHYSICAL JOURNAL	1999
89	Research note: CCD photometry of blazars 3C 345, 3C 446, and 4C 56.271	ERIKA MARIA BENITEZ LIZAOLA Argote M. Dultzin-Hacyan D.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	1998
90	A comparative study of the microvariability properties in radio-loud and radio-quiet quasars	JOSE ANTONIO DE DIEGO ONSURBE ERIKA MARIA BENITEZ LIZAOLA Dultzin-Hacyan D. et al.	ASTROPHYSICAL JOURNAL	1998
91	Steps toward determination of the size and structure of the broad-line region in active galactic nuclei. XI. Intensive monitoring of the ultraviolet spectrum of NGC 7469	ERIKA MARIA BENITEZ LIZAOLA Wanders I. Peterson B.M. et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	1997
92	The close environment of OJ 287: Underlying nebulosity and a possible optical jet?	ERIKA MARIA BENITEZ LIZAOLA Dultzin-Hacyan D. Heidt J. et al.	ASTROPHYSICAL JOURNAL	1996
93	Monitoring of 3C 66A during an extended outburst. I. the light curves	JOSE ANTONIO DE DIEGO ONSURBE ERIKA MARIA BENITEZ LIZAOLA Takalo L.O. et al.	ASTRON ASTROPHYS SUP	1996
94	Steps toward determination of the size and structure of the broad-line region in active galactic nuclei. VIII. An intensive HST, IUE, and ground-based study of NGC 5548	ERIKA MARIA BENITEZ LIZAOLA RENE CARRILLO MORENO Korista K.T. et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	1995
95	Soft-x-ray damage to p-terphenyl coatings for detectors	ERIKA MARIA BENITEZ LIZAOLA Dark M.L. Husk D.E. et al.	APPLIED OPTICS	1994
96	Local fields in high-Tc materials	ERIKA MARIA BENITEZ LIZAOLA Tarrío C. Schnatterly S.E.	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1992
97	Optical variability of the seyfert nucleus NGC 7469 in timescales from days to minutes	WILLIAM JOHN SCHUSTER LAURA ELENA PARRAO Y LOPEZ CARLOS RODRIGO ALONSO PENICHE AMANTE et al.	ASTRONOMICAL JOURNAL	1992
98	A surface recombination model applied to large features in inorganic phosphor efficiency measurements in the soft x-ray region	ERIKA MARIA BENITEZ LIZAOLA Husk D.E. Schnatterly S.E. et al.	JOURNAL OF APPLIED PHYSICS	1991

**ERIKA MARIA BENITEZ LIZAOLA**

99	Observation of second-order kinetic damage in sodium salicylate due to soft x rays	ERIKA MARIA BENITEZ LIZAOLA Husk D.E. Tarrío C. et al.	APPLIED PHYSICS LETTERS	1991
100	Surface recombination effects in soft x-ray efficiencies	ERIKA MARIA BENITEZ LIZAOLA Husk D.E. Tarrío C. et al.	APPLIED PHYSICS LETTERS	1991
101	Response of photodiodes in the vacuum ultraviolet	ERIKA MARIA BENITEZ LIZAOLA Husk D.E. Tarrío C. et al.	JOURNAL OF APPLIED PHYSICS	1991
102	A low-temperature sample mount for an inelastic electron scattering spectrometer	ERIKA MARIA BENITEZ LIZAOLA Tarrío C. Schnatterly S.E.	REVIEW OF SCIENTIFIC INSTRUMENTS	1990
103	Superconducting properties of single-crystal $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$	ERIKA MARIA BENITEZ LIZAOLA Lin J.J. Poon S.J. et al.	PHYSICAL REVIEW B	1988
104	Oxygen isotope effect on critical temperature and phonon modes in $\text{YBa}_2\text{Cu}_3\text{O}_7$	ERIKA MARIA BENITEZ LIZAOLA Lin J.J. Poon S.J. et al.	PHYSICAL REVIEW B	1988



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



**ERIKA MARIA BENITEZ LIZAOLA**

**LIBROS Y CAPITULOS CON ISBN**

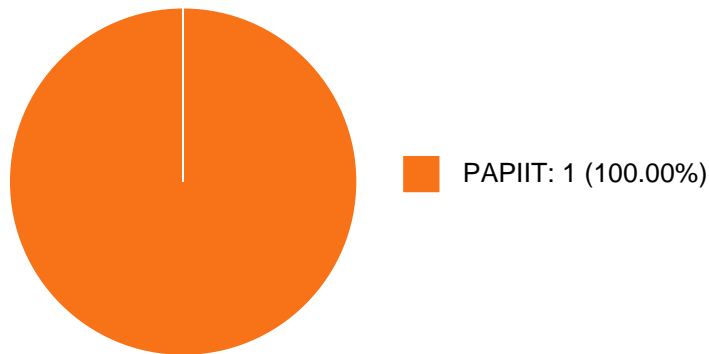
**No se encuentran registros en la base de datos de Humanindex asociados a:**

**ERIKA MARIA BENITEZ LIZAOLA**

**ERIKA MARIA BENITEZ LIZAOLA**

## PARTICIPACIÓN EN PROYECTOS

### Histórico de participación en proyectos



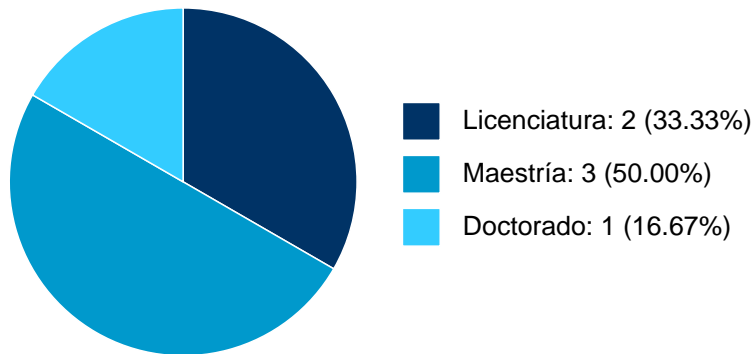
#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Variabilidad polarimétrica y espectroscopía multifrecuencias de candidatos a AGN Duales.	ERIKA MARIA BENITEZ LIZAOLA	Recursos PAPIIT	01-01-2020	31-12-2022



**ERIKA MARIA BENITEZ LIZAOLA**

**PARTICIPACIÓN EN TESIS**

**Histórico de Colaboraciones en Tesis**



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Variabilidad fotopolarimétrica del blázar tipo IBL S5 0716 + 714	Tesis de Licenciatura	ERIKA MARIA BENITEZ LIZAOLA,	Vázquez Aviña, Andrés,	Instituto de Astronomía,	2021
2	Distribución espectral de energía de una muestra de blazares observados con el gran telescopio milimétrico	Tesis de Maestría	ERIKA MARIA BENITEZ LIZAOLA,	Luna Cervantes, Jessica,	Instituto de Astronomía,	2020
3	Variabilidad fotopolarimétrica de largo-periodo del blázar 3c 454.3	Tesis de Maestría	ERIKA MARIA BENITEZ LIZAOLA,	Rojas Luis, Miriam Yuridia,	Instituto de Astronomía,	2016
4	Análisis estadístico de la variabilidad óptica y polarimétrica del blázar 3c279	Tesis de Maestría	ERIKA MARIA BENITEZ LIZAOLA,	Salazar Vázquez, Felipe Alejandro,	Instituto de Astronomía,	2016
5	Variabilidad fotopolarimétrica en Blázares-TeV	Tesis de Doctorado	ERIKA MARIA BENITEZ LIZAOLA,	DAVID SALOME HIRIART GARCIA, Sorcia Soto, Marco Antonio,	Instituto de Astronomía,	2013



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



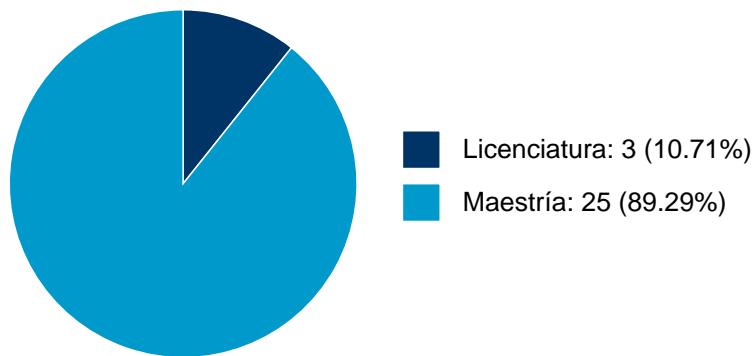
**ERIKA MARIA BENITEZ LIZAOLA**

6	La galaxia subyacente del núcleo activo SBS 0748+499	Tesis de Licenciatura	ERIKA MARIA BENITEZ LIZAOLA,	Torrealba García, Claudia Janet Amparo,	2003
---	--	-----------------------	------------------------------	---	------

**ERIKA MARIA BENITEZ LIZAOLA**

**DOCENCIA IMPARTIDA**

**Histórico de docencia**



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	DINÁMICA Y ESTRUCTURA DE GALAXIAS	Instituto de Astronomía	7	2023-1
2	Maestría	SEMINARIO DE INVESTIGACIÓN I DE LOS CAMPOS DE CONOCIMIENTO TEÓRICA, OBSERVACIONAL, CAMPOS PART	Instituto de Astronomía	1	2022-1
3	Maestría	DINÁMICA Y ESTRUCTURA DE GALAXIAS	Instituto de Astronomía	9	2022-1
4	Maestría	ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA	Instituto de Astronomía	3	2021-1
5	Maestría	ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA	Instituto de Astronomía	8	2020-2
6	Maestría	SEMINARIO DE GRADUACIÓN	Instituto de Astronomía	1	2020-2
7	Maestría	SEMINARIO DE INVESTIGACIÓN II DE LOS CAMPOS DE CONOCIMIENTO TEÓRICA, OBSERVACIONAL, CAMPOS PART	Instituto de Astronomía	1	2020-1
8	Maestría	ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA	Instituto de Astronomía	8	2020-1
9	Maestría	SEMINARIO DE INVESTIGACIÓN I DE LOS CAMPOS DE CONOCIMIENTO TEOR,OBSV,CPAR	Instituto de Astronomía	1	2019-2
10	Maestría	ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA	Instituto de Astronomía	10	2019-1
11	Maestría	ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA	Instituto de Astronomía	8	2018-1

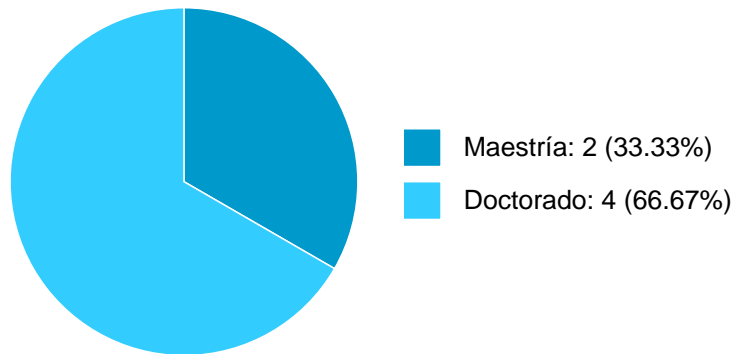
**ERIKA MARIA BENITEZ LIZAOLA**

12	Maestría	ASTRONOMIA EXTRAGALACTICA Y COSMOLOGIA-318589	Instituto de Astronomía	2	2017-1
13	Maestría	ASTRONOMÍAEXTRAGALÁCTICA Y COSMOLOGÍA-396844	Instituto de Astronomía	5	2017-1
14	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Astronomía	1	2016-2
15	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Astronomía	1	2016-2
16	Maestría	SEMINARIO DE GRADUACION	Instituto de Astronomía	1	2016-1
17	Maestría	SEMINARIO DE GRADUACION	Instituto de Astronomía	1	2016-1
18	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Astronomía	3	2015-2
19	Maestría	ASTRONOMIA EXTRAGALACTICA Y COSMOLOGIA	Instituto de Astronomía	9	2015-1
20	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Astronomía	2	2015-1
21	Licenciatura	FISICA CONTEMPORANEA	Facultad de Ciencias	48	2014-1
22	Maestría	SEMINARIO DE GRADUACION	Instituto de Astronomía	1	2014-1
23	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Astronomía	1	2013-2
24	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Astronomía	1	2013-1
25	Licenciatura	ESTRUC.DINAMICA EVOLUC.DE GALAXIA	Facultad de Ciencias	4	2012-1
26	Maestría	TEMAS SELECTOS DE ASTROFISICA	Instituto de Astronomía	3	2011-1
27	Licenciatura	ASTROFISICA EXTRAGALACT. COSMOLOGIA	Facultad de Ciencias	10	2009-2
28	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Astronomía	1	2008-1

**ERIKA MARIA BENITEZ LIZAOLA**

**TUTORIAS EN POSGRADO**

**Histórico de tutorías en posgrado**



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Instituto de Astronomía	Maestría	Maestría en Astrofísica	2019	2020-1
2	Instituto de Astronomía	Maestría	Maestría en Astrofísica	2018	2019-1
3	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2010	2010-2
4	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2010	2011-1
5	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2009	2010-1
6	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2008	2009-1



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



**ERIKA MARIA BENITEZ LIZAOLA**

**PATENTES**

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

**ERIKA MARIA BENITEZ LIZAOLA**



**ERIKA MARIA BENITEZ LIZAOLA**

**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	2008-2024
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