



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



JOSE ALEJANDRO ESQUIVEL SALAZAR

Datos Generales

Nombre: JOSE ALEJANDRO ESQUIVEL SALAZAR

Máximo nivel de estudios: POSDOCTORADO

Antigüedad académica en la UNAM: 17 años

Nombramientos

Vigente: INVESTIGADOR TITULAR B TC Definitivo
Instituto de Ciencias Nucleares
Desde 16-02-2017

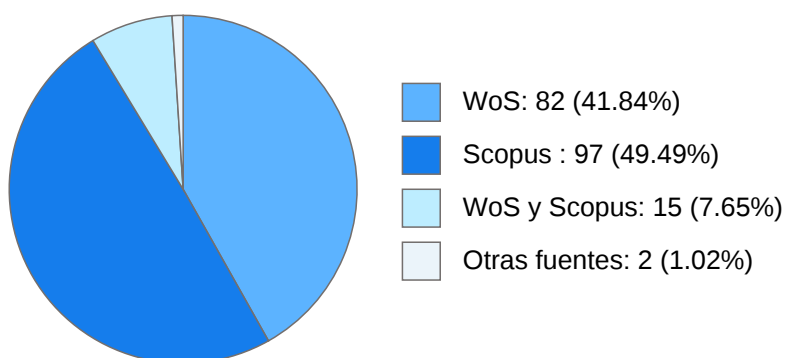
Estímulos, programas, premios y reconocimientos

SNI II 2017 - VIGENTE
SNI I 2010 - 2016
SNI C 2009
PRIDE C 2012 - 2024
PRIDE B 2009 - 2012

JOSE ALEJANDRO ESQUIVEL SALAZAR

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Synthetic X-ray emission from white dwarf accreting planetary material	VERONICA LORA CASTELLANOS JESUS ALBERTO TOALA SANZ JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2024
2	Simulated non-thermal emission of the supernova remnant G1.9 + 0.3	PABLO FABIAN VELAZQUEZ BRITO ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2024
3	Shedding Light on the Ejection History of Molecular Outflows: Multiple Velocity Modes and Precession	VERONICA LORA CASTELLANOS JOSE ALEJANDRO ESQUIVEL SALAZAR ROBERTO JOSE GALVAN MADRID et al.	ASTROPHYSICAL JOURNAL	2024
4	Effects of Radiative Transfer on the Observed Anisotropy in Magnetohydrodynamic Turbulent Molecular Simulations	DAVID HERNANDEZ PADILLA JOSE ALEJANDRO ESQUIVEL SALAZAR PABLO FABIAN VELAZQUEZ BRITO et al.	ASTROPHYSICAL JOURNAL	2024

JOSE ALEJANDRO ESQUIVEL SALAZAR

5	Emerging planetary nebulae within 3D spiral patterns	VERONICA LORA CASTELLANOS JESUS ALBERTO TOALA SANZ JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2023
6	X-ray and optical emission from large superbubbles including the stellar photoionization	PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR E. M. Schneider et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2022
7	Observational and numerical characterization of a recurrent arc-shaped front propagating along a coronal fan	JOSE ALEJANDRO ESQUIVEL SALAZAR V Sieyra S. Krishna Prasad et al.	ASTRONOMY & ASTROPHYSICS	2022
8	H2mass-velocity relationship from 3D numerical simulations of jet-driven molecular outflows	JOSE ALEJANDRO ESQUIVEL SALAZAR PEDRO RUBEN RIVERA ORTIZ Cerqueira A.H. et al.	ASTRONOMY & ASTROPHYSICS	2021
9	GJ 436b and the stellar wind interaction: simulations constraints using Ly alpha and H alpha transits	JOSE ALEJANDRO ESQUIVEL SALAZAR Villarreal D'Angelo C. Vidotto A.A. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2021
10	Huffing and Puffing and Blowing Your House In: Strong Stellar Wind Interaction with a Supermassive Black Hole	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTROPHYSICAL JOURNAL	2021
11	Formation and fate of the born-again planetary nebula HuBi 1	JESUS ALBERTO TOALA SANZ JOSE ALEJANDRO ESQUIVEL SALAZAR V Lora et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2021
12	Numerical Models of Externally Irradiated Herbig-Haro Objects	PABLO FABIAN VELAZQUEZ BRITO ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTROPHYSICAL JOURNAL	2021
13	ESTIMATING THE PROPAGATION OF A UNIFORMLY ACCELERATED JET	JORGE IVAN CASTORENA GOMEZ ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2021

JOSE ALEJANDRO ESQUIVEL SALAZAR

14	Simulated synchrotron emission for the Tycho's supernova remnants: an asymmetric initial mass model	PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR A. Moranchel-Basurto et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020
15	Solar slow magneto-acoustic-gravity waves: an erratum correction and a revisited scenario	JOSE ALEJANDRO ESQUIVEL SALAZAR E. Zurbriggen V Sieyra et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020
16	Young bilateral supernova remnants evolving into a turbulent interstellar magnetic field	PABLO FABIAN VELAZQUEZ BRITO ARTEMI CAMPS FARIÑA JUAN CLAUDIO TOLEDO ROY et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020
17	THE PROPERTIES AND STABILITY OF SELF-GRAVITATING, POLYTROPIC SPHERES WITH $\gamma=1$ TO 1.4 SPECIFIC HEAT RATIOS	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE ALBERTO OSORIO CABALLERO JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2020
18	Anisotropy of Velocity Centroids and the Signature of Different MHD Modes in the Turbulent ISM	JOSE ALEJANDRO ESQUIVEL SALAZAR Hernández-Padilla D. Lazarian A. et al.	ASTROPHYSICAL JOURNAL	2020
19	Hydrodynamical Models of Protoplanetary Nebulae Including the Photoionization of the Central Star	LILIANA HERNANDEZ MARTINEZ PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTROPHYSICAL JOURNAL	2019
20	Hydrodynamical interaction of stellar and planetary winds: effects of charge exchange and radiation pressure on the observed Ly alpha absorption	JOSE ALEJANDRO ESQUIVEL SALAZAR M. Schneiter C. Villarreal D'Angelo et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2019
21	Magnetized winds and their influence in the escaping upper atmosphere of HD 209458b	JOSE ALEJANDRO ESQUIVEL SALAZAR D'Angelo C.V. Schneiter M. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018
22	Kimya, a code for solving chemical reaction networks in astrophysics	ANTONIO CASTELLANOS RAMIREZ ARY RODRIGUEZ GONZALEZ PEDRO RUBEN RIVERA ORTIZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2018
23	The time-dependent wavelet spectrum of HHI and 2	ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR B. Reipurth et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2018

JOSE ALEJANDRO ESQUIVEL SALAZAR

24	MHD simulations of coronal dark downflows considering thermal conduction	JOSE ALEJANDRO ESQUIVEL SALAZAR Zurbriggen E. Costa A. et al.	Iau Symposium Proceedings Series	2017
25	A 3D MHD simulation of SN 1006: a polarized emission study for the turbulent case	PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR FABIO DE COLLE et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017
26	NUMERICAL STUDY OF MHD WAVE PROPAGATION IN THE SOLAR ATMOSPHERE	JOSE ALEJANDRO ESQUIVEL SALAZAR Sieyra, M. V. Schneiter, E. M. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2017
27	PROPER MOTIONS OF THE HH 1 JET	ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR ANTONIO CASTELLANOS RAMIREZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2017
28	Origin of the bilateral structure of the supernova remnant G296.5+10	PABLO FABIAN VELAZQUEZ BRITO JUAN CLAUDIO TOLEDO ROY FABIO DE COLLE et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017
29	Metallic Winds in Dwarf Galaxies	ARY RODRIGUEZ GONZALEZ LILIANA HERNANDEZ MARTINEZ JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTROPHYSICAL JOURNAL	2017
30	Photoionisation effects in hydrodynamical simulations of planetary nebulae	PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	Iau Symposium Proceedings Series	2017
31	THE TIME-EVOLUTION OF HH 2 FROM FOUR EPOCHS OF HST IMAGES	ALEJANDRO CRISTIAN RAGA RASMUSSEN PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTRONOMICAL JOURNAL	2016
32	MHD SIMULATIONS OF CORONAL SUPRA-ARCADE DOWNFLOWS INCLUDING ANISOTROPIC THERMAL CONDUCTION	JOSE ALEJANDRO ESQUIVEL SALAZAR Zurbriggen, E. Costa, A. et al.	ASTROPHYSICAL JOURNAL	2016
33	On the influence of magnetic fields in neutral planetary wakes	JOSE ALEJANDRO ESQUIVEL SALAZAR D'Angelo C.V. Schneiter M.	Iau Symposium Proceedings Series	2016

JOSE ALEJANDRO ESQUIVEL SALAZAR

34	Photoionization of planetary winds: Case study HD 209458b	JOSE ALEJANDRO ESQUIVEL SALAZAR PABLO FABIAN VELAZQUEZ BRITO ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2016
35	THE TIME EVOLUTION OF HH 1 FROM FOUR EPOCHS OF HST IMAGES	ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR Reipurth, B. et al.	ASTRONOMICAL JOURNAL	2016
36	A STUDY OF RADIO POLARIZATION IN PROTOSTELLAR JETS	PABLO FABIAN VELAZQUEZ BRITO FABIO DE COLLE JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTROPHYSICAL JOURNAL	2016
37	Obesity decreases the oxidant stress induced by tobacco smoke in a rat model	JOSE ALEJANDRO ESQUIVEL SALAZAR MARIA DEL CARMEN RAMOS NAVA Montaño, M. et al.	TOXICOLOGY MECHANISMS AND METHODS	2016
38	Study of protoplanetary nebulae	LILIANA HERNANDEZ MARTINEZ PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	Iau Symposium Proceedings Series	2016
39	A two-mode planetary nebula luminosity function	ARY RODRIGUEZ GONZALEZ LUCIA IVONNE HERNANDEZ MARTINEZ JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTRONOMY & ASTROPHYSICS	2015
40	HII REGIONS IN HYDROSTATIC BALANCE BETWEEN GAS PRESSURE, RADIATION PRESSURE AND GRAVITY	ALEJANDRO CRISTIAN RAGA RASMUSSEN ARY RODRIGUEZ GONZALEZ JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2015
41	3D MHD simulation of polarized emission in SN 1006	PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR FABIO DE COLLE et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2015
42	The soft and hard X-rays thermal emission from star cluster winds with a supernova explosion	ANTONIO CASTELLANOS RAMIREZ ARY RODRIGUEZ GONZALEZ JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2015
43	Studying the interstellar magnetic field from anisotropies in velocity channels	JOSE ALEJANDRO ESQUIVEL SALAZAR Lazarian, A. Pogosyan, D.	ASTROPHYSICAL JOURNAL	2015
44	HII regions in hydrostatic balance between gas pressure, radiation pressure and gravity	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA ARY RODRIGUEZ GONZALEZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2015

JOSE ALEJANDRO ESQUIVEL SALAZAR

45	Recombination and collisionally excited Balmer lines	ALEJANDRO CRISTIAN RAGA RASMUSSEN ANTONIO CASTELLANOS RAMIREZ JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2015
46	A blowout numerical model for the supernova remnant G352.7-0.1	JUAN CLAUDIO TOLEDO ROY PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2014
47	On the sensitivity of extrasolar mass-loss rate ranges: HD 209458b a case study	PABLO FABIAN VELAZQUEZ BRITO ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2014
48	A 3D numerical model for Kepler's supernova remnant	JUAN CLAUDIO TOLEDO ROY JOSE ALEJANDRO ESQUIVEL SALAZAR PABLO FABIAN VELAZQUEZ BRITO et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2014
49	Measuring the Alfvénic nature of the interstellar medium: Velocity anisotropy revisited	JOSE ALEJANDRO ESQUIVEL SALAZAR Burkhardt, Blakesley Lazarian, A. et al.	ASTROPHYSICAL JOURNAL	2014
50	Modelling the 3D morphology and proper motions of the planetary nebula NGC 6302	PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2014
51	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
52	The photoevaporation of a neutral structure by an EUV+FUV radiation field	ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR Lora V. et al.	Astrophysics and Space Science Proceedings	2014
53	Gravitational drag on a point mass in hypersonic motion within a Gaussian disk	JORGE DANIEL CARLOS CANTO ILLA JOSE ALEJANDRO ESQUIVEL SALAZAR FRANCISCO JAVIER SANCHEZ SALCEDO et al.	ASTROPHYSICAL JOURNAL	2013
54	Modeling the thermal diffuse soft and hard x-ray emission in M17	PABLO FABIAN VELAZQUEZ BRITO ARY RODRIGUEZ GONZALEZ JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTROPHYSICAL JOURNAL	2013

JOSE ALEJANDRO ESQUIVEL SALAZAR

55	THE PHOTOEVAPORATION OF A NEUTRAL STRUCTURE BY AN EUV plus FUV RADIATION FIELD	ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR Lora, V. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2013
56	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
57	Diffuse ionizing radiation within HH jets	JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN	ASTROPHYSICAL JOURNAL	2013
58	The photoevaporation of a neutral structure by an euv+fuv radiation field	ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR Lora V. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2013
59	Analytic and numerical calculations of the radial stability of the isothermal sphere	ALEJANDRO CRISTIAN RAGA RASMUSSEN JUAN CARLOS RODRIGUEZ RAMIREZ ARY RODRIGUEZ GONZALEZ et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2013
60	NEW VARIABLE JET MODELS FOR HH 34	ALEJANDRO CRISTIAN RAGA RASMUSSEN ARY RODRIGUEZ GONZALEZ JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTROPHYSICAL JOURNAL LETTERS	2012
61	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
62	MULTI-COMPONENT ANALYSIS OF POSITION-VELOCITY CUBES OF THE HH 34 JET	ARY RODRIGUEZ GONZALEZ JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	ASTRONOMICAL JOURNAL	2012
63	MAGNETIZATION OF CLOUD CORES AND ENVELOPES AND OTHER OBSERVATIONAL CONSEQUENCES OF RECONNECTION DIFFUSION	JOSE ALEJANDRO ESQUIVEL SALAZAR Lazarian, A. Crutcher, R.	ASTROPHYSICAL JOURNAL	2012
64	Mass and metal ejection efficiency in disk galaxies driven by young stellar clusters of nuclear starburst	ARY RODRIGUEZ GONZALEZ JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2011

JOSE ALEJANDRO ESQUIVEL SALAZAR

65	ASYMMETRIES IN THE EXPANSION AND EMISSION FROM YOUNG SUPERNOVA REMNANTS	PABLO FABIAN VELAZQUEZ BRITO JOSE ALEJANDRO ESQUIVEL SALAZAR E. Matias Schneiter et al.	ASTROPHYSICAL JOURNAL	2011
66	X-ray emission and dynamics from large diameter superbubbles: The case of the N70 superbubble	ARY RODRIGUEZ GONZALEZ PABLO FABIAN VELAZQUEZ BRITO MARGARITA EUGENIA DEL SOCORRO ROSADO SOLIS et al.	ASTROPHYSICAL JOURNAL	2011
67	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
68	VELOCITY ANISOTROPY AS A DIAGNOSTIC OF THE MAGNETIZATION OF THE INTERSTELLAR MEDIUM AND MOLECULAR CLOUDS	JOSE ALEJANDRO ESQUIVEL SALAZAR Lazarian, A.	ASTROPHYSICAL JOURNAL	2011
69	Gravitational drag on a point mass in hypersonic motion through a gaseous medium	JORGE DANIEL CARLOS CANTO ILLA ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2011
70	TSALLIS STATISTICS AS A TOOL FOR STUDYING INTERSTELLAR TURBULENCE	JOSE ALEJANDRO ESQUIVEL SALAZAR Lazarian, A.	ASTROPHYSICAL JOURNAL	2010
71	A MODEL OF MIRA'S COMETARY HEAD/TAIL ENTERING THE LOCAL BUBBLE	JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA et al.	ASTROPHYSICAL JOURNAL	2010
72	Radiative jets from variable sources	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA FABIO DE COLLE et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2009
73	Revista Mexicana de Astronomía y Astrofísica: Serie de Conferencias: Preface	JOSE ALEJANDRO ESQUIVEL SALAZAR ESTELA SUSANA LIZANO SOBERON ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2009
74	Statistics of centroids of velocity	JOSE ALEJANDRO ESQUIVEL SALAZAR Lazarian A.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2009

JOSE ALEJANDRO ESQUIVEL SALAZAR

75	Numerical Simulations of Herbig Haro Objects: A Low Excitation HH Object	JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN Colle F.D.	Astrophysics and Space Science Proceedings	2009
76	The formation of filamentary structures in radiative cluster winds	ARY RODRIGUEZ GONZALEZ JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	Astrophysics and Space Science Proceedings	2009
77	The angular momentum of dense clumps in elephant trunks	ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR Lora V.	Astrophysics and Space Science Proceedings	2009
78	Radiative jets from variable sources	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA FABIO DE COLLE et al.	Astrophysics and Space Science Proceedings	2009
79	Three-dimensional numerical model of the Omega Nebula (M17): simulated thermal X-ray emission	JORGE REYES ITURBIDE PABLO FABIAN VELAZQUEZ BRITO MARGARITA EUGENIA DEL SOCORRO ROSADO SOLIS et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2009
80	AN UPPER LIMIT ON THE MASS OF THE BLACK HOLE IN URSA MINOR DWARF GALAXY	V. Lora FRANCISCO JAVIER SANCHEZ SALCEDO ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	ASTROPHYSICAL JOURNAL LETTERS	2009
81	The angular momentum of condensations within elephant trunks	V. Lora ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR	ASTRONOMY & ASTROPHYSICS	2009
82	The interaction of an O star wind with a Herbig-Haro jet	JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA et al.	ASTRONOMY & ASTROPHYSICS	2009
83	MIRROR AND POINT SYMMETRIES IN A BALLISTIC JET FROM A BINARY SYSTEM	ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR PABLO FABIAN VELAZQUEZ BRITO et al.	ASTROPHYSICAL JOURNAL LETTERS	2009
84	Curved Herbig-Haro jets immersed in a stellar wind	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA ARY RODRIGUEZ GONZALEZ et al.	ASTRONOMY & ASTROPHYSICS	2009

JOSE ALEJANDRO ESQUIVEL SALAZAR

85	Multiple clump structures within photoionized regions	ALEJANDRO CRISTIAN RAGA RASMUSSEN WILLIAM JOHN HENNEY JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2009
86	FILAMENTS IN GALACTIC WINDS DRIVEN BY YOUNG STELLAR CLUSTERS	ARY RODRIGUEZ GONZALEZ JOSE ALEJANDRO ESQUIVEL SALAZAR PABLO FABIAN VELAZQUEZ BRITO et al.	ASTROPHYSICAL JOURNAL	2008
87	THE DYNAMICS OF INTERNAL WORKING SURFACES IN MAGNETOHYDRODYNAMIC JETS	ALEJANDRO CRISTIAN RAGA RASMUSSEN JOSE ALEJANDRO ESQUIVEL SALAZAR De Colle, Fabio	ASTROPHYSICAL JOURNAL	2008
88	A latitude-dependent wind model for Mira's cometary head	ALEJANDRO CRISTIAN RAGA RASMUSSEN JORGE DANIEL CARLOS CANTO ILLA JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTROPHYSICAL JOURNAL LETTERS	2008
89	The formation of filamentary structures in radiative cluster winds	ARY RODRIGUEZ GONZALEZ JOSE ALEJANDRO ESQUIVEL SALAZAR ALEJANDRO CRISTIAN RAGA RASMUSSEN et al.	ASTROPHYSICAL JOURNAL	2008
90	High resolution simulations of a variable HH jet	ALEJANDRO CRISTIAN RAGA RASMUSSEN FABIO DE COLLE PRIMOZ KAJDIC et al.	ASTRONOMY & ASTROPHYSICS	2007
91	Adaptive grid simulations of ionized flows	ALEJANDRO CRISTIAN RAGA RASMUSSEN PABLO FABIAN VELAZQUEZ BRITO FABIO DE COLLE et al.	AIP Conference Proceedings	2006
92	Interstellar cloud structure: The statistics of centroid velocities	JOSE ALEJANDRO ESQUIVEL SALAZAR Ossenkopf V. Lazarian A. et al.	ASTRONOMY & ASTROPHYSICS	2006
93	Velocity centroids as tracers of the turbulent velocity statistics	JOSE ALEJANDRO ESQUIVEL SALAZAR Lazarian A.	ASTROPHYSICAL JOURNAL	2005
94	MHD turbulent mixing layers	JOSE ALEJANDRO ESQUIVEL SALAZAR Benjamin R.A. Cho J. et al.	AIP Conference Proceedings	2005
95	Turbulence parameters from statistics of spectral line data cubes	JOSE ALEJANDRO ESQUIVEL SALAZAR Lazarian A.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2003
96	Statistics of velocity from spectral data: Modified velocity centroids	JOSE ALEJANDRO ESQUIVEL SALAZAR Lazarian A.	ASTROPHYSICAL JOURNAL	2003

JOSE ALEJANDRO ESQUIVEL SALAZAR

97	Velocity statistics from spectral line data: Effects of density-velocity correlations, magnetic field and shear	JOSE ALEJANDRO ESQUIVEL SALAZAR Lazarian A. Pogosyan D. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2003
98	Dusty UCH II regions: Cloud pressures and density distributions	STANLEY EUGENE KURTZ SMITH JOSE ANTONIO GARCIA BARRETO JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2001
99	Pressure and density gradients in H II regions	STANLEY EUGENE KURTZ SMITH JOSE ANTONIO GARCIA BARRETO JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	ASTROPHYSICS AND SPACE SCIENCE	2001
100	The effects of dust and density distributions in UC H II regions	STANLEY EUGENE KURTZ SMITH JOSE ANTONIO GARCIA BARRETO JOSE ALEJANDRO ESQUIVEL SALAZAR et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2000
101	Star-planet interaction through spectral lines	JOSE ALEJANDRO ESQUIVEL SALAZAR Villarreal D'Angelo C. Vidotto A.A. et al.	Iau Symposium Proceedings Series	



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



JOSE ALEJANDRO ESQUIVEL SALAZAR

LIBROS Y CAPITULOS CON ISBN

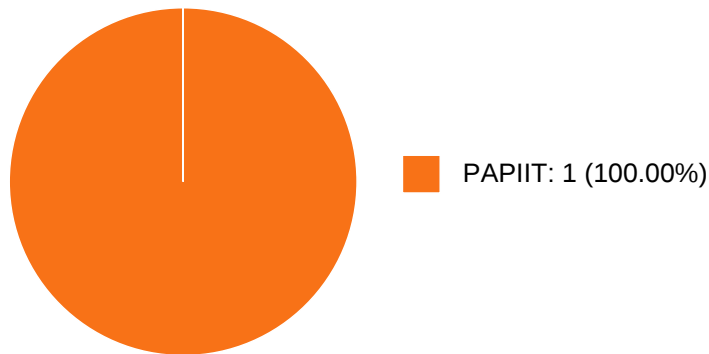
No se encuentran registros en la base de datos de Humanindex asociados a:

JOSE ALEJANDRO ESQUIVEL SALAZAR

JOSE ALEJANDRO ESQUIVEL SALAZAR

PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Morfología, formación y evolución galáctica dentro de la simulación MHD Illustris-TNG50	JOSE ALEJANDRO ESQUIVEL SALAZAR	Recursos PAPIIT	01-01-2022	31-12-2024



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



JOSE ALEJANDRO ESQUIVEL SALAZAR

PARTICIPACIÓN EN TESIS

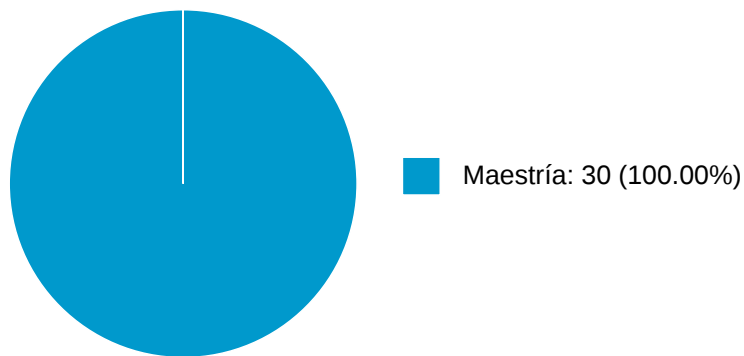
No se encuentran registros en la base de datos de TESIUNAM asociados a:

JOSE ALEJANDRO ESQUIVEL SALAZAR

JOSE ALEJANDRO ESQUIVEL SALAZAR

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	MATERIA INTERESTELAR	Instituto de Ciencias Nucleares	2	2024-2
2	Maestría	MATERIA INTERESTELAR	Instituto de Ciencias Nucleares	4	2023-2
3	Maestría	TEMAS SELECTOS DE ASTROFÍSICA DE LOS CAMPOS DE CONOCIMIENTO TEÓRICA, OBSERVACIONAL, CAMPOS PART	Instituto de Ciencias Nucleares	0	2022-2
4	Maestría	TEMAS SELECTOS DE ASTROFÍSICA DE LOS CAMPOS DE CONOCIMIENTO TEÓRICA, OBSERVACIONAL, CAMPOS PART	Instituto de Ciencias Nucleares	3	2022-1
5	Maestría	DINÁMICA DE FLUIDOS COMPUTACIONAL (MEDIOS CONTINUOS)	Instituto de Ciencias Nucleares	1	2022-1
6	Maestría	DINÁMICA DE FLUIDOS COMPUTACIONAL (MEDIOS CONTINUOS)	Instituto de Ciencias Nucleares	2	2021-2
7	Maestría	PROBLEMAS CONTEMPORÁNEOS DE DINÁMICA DE GASES EN ASTROFÍSICA DEL CAMPO DE CONOCIMIENTO TEOR.	Instituto de Ciencias Nucleares	1	2020-2
8	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	9	2019-1
9	Maestría	TEMAS SELECTOS DE ASTROFÍSICA DE LOS CAMPOS DE CONOCIMIENTO TEOR,OBSV,CPAR,DINÁMICA DE GASES NUMÉRICA	Instituto de Astronomía	5	2018-2
10	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	10	2018-1
11	Maestría	SEMINARIO DE GRADUACIÓN	Instituto de Astronomía	1	2017-2

JOSE ALEJANDRO ESQUIVEL SALAZAR

12	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	8	2017-2
13	Maestría	TEMAS SELECTOS DE ASTROFÍSICA DE LOS CAMPOS DE CONOCIMIENTO TEOR,OBSV,CPAR HIDRODINÁMICA NUMÉRICA	Instituto de Astronomía	1	2017-2
14	Maestría	TEMAS SELECTOS DE ASTROFÍSICA HIDRODINÁMICA NUMERICA	Instituto de Astronomía	1	2017-2
15	Maestría	MATERIA INTERESTELAR-318586	Instituto de Astronomía	3	2017-1
16	Maestría	SEMINARIO DE INVESTIGACION II-318611	Instituto de Astronomía	1	2017-1
17	Maestría	MATERIA INTERESTELAR-396843	Instituto de Astronomía	4	2017-1
18	Maestría	SEMINARIO DE INVESTIGACION II-394311	Instituto de Ciencias Nucleares	1	2017-1
19	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Astronomía	1	2016-2
20	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	1	2016-2
21	Maestría	TEMAS SELECTOS DE ASTROFISICA	Instituto de Astronomía	3	2016-1
22	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	3	2015-2
23	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	5	2014-2
24	Maestría	TEMAS SELECTOS DE ASTROFISICA	Instituto de Astronomía	4	2014-1
25	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	5	2013-2
26	Maestría	TEMAS SELECTOS DE ASTROFISICA	Instituto de Astronomía	3	2013-1
27	Maestría	MATERIA INTERESTELAR	Instituto de Astronomía	3	2012-2
28	Maestría	TEMAS SELECTOS DE ASTROFISICA	Instituto de Astronomía	3	2011-2
29	Maestría	TEMAS SELECTOS DE ASTROFISICA	Instituto de Astronomía	2	2009-2
30	Maestría	MECANICA CLASICA	Instituto de Ciencias Nucleares	3	2009-1



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



JOSE ALEJANDRO ESQUIVEL SALAZAR

PATENTES

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

JOSE ALEJANDRO ESQUIVEL SALAZAR

JOSE ALEJANDRO ESQUIVEL SALAZAR

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