



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



NIV OLIVER MICHAEL TOMER DRORY

Datos Generales

Nombre: NIV OLIVER MICHAEL TOMER DRORY

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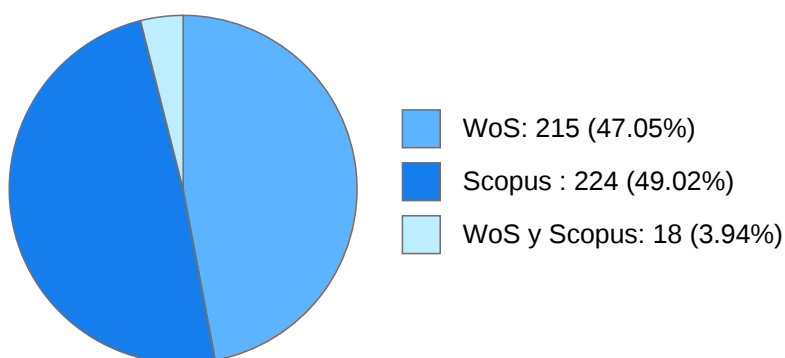
Estímulos, programas, premios y reconocimientos

PRIDE C 2012 - 2013

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	The SDSS-V Local Volume Mapper: Data Analysis Pipeline	SEBASTIAN FRANCISCO SANCHEZ SANCHEZ NIV OLIVER MICHAEL TOMER DRORY JOSE EDUARDO MENDEZ DELGADO et al.	ASTRONOMICAL JOURNAL	2025
2	SDSS-V Local Volume Mapper (LVM): A glimpse into Orion	NIV OLIVER MICHAEL TOMER DRORY JOSE EDUARDO MENDEZ DELGADO CARLOS GERARDO ROMAN ZUÑIGA et al.	ASTRONOMY & ASTROPHYSICS	2024
3	The SDSS-V Local Volume Mapper (LVM): Scientific Motivation and Project Overview	NIV OLIVER MICHAEL TOMER DRORY SEBASTIAN FRANCISCO SANCHEZ SANCHEZ JORGE KAROLT BARRERA BALLESTEROS et al.	ASTRONOMICAL JOURNAL	2024
4	Galaxy Zoo: kinematics of strongly and weakly barred galaxies	LUIS ALBERTO GARMA OEHMICHEN NIV OLIVER MICHAEL TOMER DRORY Tobias Geron et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2023
5	SDSS-IV MaNGA: How Galaxy Interactions Influence Active Galactic Nuclei	IRENE ANTONIA CRUZ GONZALEZ ESPINOSA NIV OLIVER MICHAEL TOMER DRORY Steffen J.L. et al.	ASTROPHYSICAL JOURNAL	2023

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6	On the Probability of the Extremely Lensed $z = 6.2$ Earendel Source Being a Population III Star	NIV OLIVER MICHAEL TOMER DRORY Schauer A.T.P. Bromm V. et al.	ASTROPHYSICAL JOURNAL LETTERS	2022
7	The MaNGA firefly value added catalogue: resolved stellar populations of 10 010 nearby galaxies	NIV OLIVER MICHAEL TOMER DRORY Neumann J. Thomas D. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2022
8	The Stability of Fiber Spectrographs in the Faint-source Regime	NIV OLIVER MICHAEL TOMER DRORY Bundy K. Law D. et al.	ASTRONOMICAL JOURNAL	2022
9	Photometric Signature of Ultraharmonic Resonances in Barred Galaxies	LUIS ALBERTO GARMA OEHMICHEN NIV OLIVER MICHAEL TOMER DRORY Dhanesh Krishnarao et al.	ASTROPHYSICAL JOURNAL	2022
10	SDSS-IV MaNGA: Exploring the Local Scaling Relations for N/O	NIV OLIVER MICHAEL TOMER DRORY SEBASTIAN FRANCISCO SANCHEZ SANCHEZ Adam L. Schaefer et al.	ASTROPHYSICAL JOURNAL	2022
11	Chemical Evolution History of MaNGA Galaxies	SEBASTIAN FRANCISCO SANCHEZ SANCHEZ MARIA LETICIA CARIGI DELGADO GUSTAVO RAMON BRUZUAL ALFONZO et al.	ASTROPHYSICAL JOURNAL	2022
12	SDSS-IV MaNGA: How the Stellar Populations of Passive Central Galaxies Depend on Stellar and Halo Mass	SEBASTIAN FRANCISCO SANCHEZ SANCHEZ NIV OLIVER MICHAEL TOMER DRORY Grecco A. Oyarzun et al.	ASTROPHYSICAL JOURNAL	2022
13	CoSHA: Code for Stellar Properties Heuristic Assignment-for the MaStar Stellar Library	GUSTAVO RAMON BRUZUAL ALFONZO SEBASTIAN FRANCISCO SANCHEZ SANCHEZ MARIA LETICIA CARIGI DELGADO et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2022
14	SDSS-IV MaStar: Data-driven Parameter Derivation for the MaStar Stellar Library	NIV OLIVER MICHAEL TOMER DRORY Imig J. Holtzman J.A. et al.	ASTRONOMICAL JOURNAL	2022
15	SDSS-IV MaStar: Theoretical atmospheric parameters for the MaNGA stellar library	NIV OLIVER MICHAEL TOMER DRORY Hill L. Thomas D. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2022
16	Buckling Bars in Nearly Face-on Galaxies Observed with MaNGA	NIV OLIVER MICHAEL TOMER DRORY Xiang K.M. Nataf D.M. et al.	ASTROPHYSICAL JOURNAL	2021
17	Evidence for the Accretion of Gas in Star-forming Galaxies: High N/O Abundances in Regions of Anomalously Low Metallicity	NIV OLIVER MICHAEL TOMER DRORY Luo Y. Heckman T. et al.	ASTROPHYSICAL JOURNAL	2021

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18	SDSS-IV/MaNGA: Can Impulsive Gaseous Inflows Explain Steep Oxygen Abundance Profiles and Anomalously Low-Metallicity Regions?	NIV OLIVER MICHAEL TOMER DRORY Pace Z.J. Tremonti C. et al.	ASTROPHYSICAL JOURNAL	2021
19	SDSS-IV MaNGA: Radial gradients in stellar population properties of early-type and late-type galaxies	NIV OLIVER MICHAEL TOMER DRORY Parikh T. Thomas D. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2021
20	The Hobby-Eberly Telescope Dark Energy Experiment (HETDEX) Survey Design, Reductions, and Detections	NIV OLIVER MICHAEL TOMER DRORY Gebhardt K. Mentuch Cooper E. et al.	ASTROPHYSICAL JOURNAL	2021
21	SDSS-IV MaNGA: Modeling the spectral line-spread function to subpercent accuracy	NIV OLIVER MICHAEL TOMER DRORY Law D.R. Westfall K.B. et al.	ASTRONOMICAL JOURNAL	2021
22	A harsh test of far-field scrambling with the habitable-zone planet finder and the hobby-eberly telescope	NIV OLIVER MICHAEL TOMER DRORY Kanodia S. Halverson S. et al.	ASTROPHYSICAL JOURNAL	2021
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29	Evidence of Wind Signatures in the Gas Velocity Profiles of Red Geysers	NIV OLIVER MICHAEL TOMER DRORY Roy N. Bundy K. et al.	ASTROPHYSICAL JOURNAL	2021

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33	Accurate Identification of Galaxy Mergers with Stellar Kinematics	JOSE ANTONIO VAZQUEZ MATA NIV OLIVER MICHAEL TOMER DRORY R. Nevin et al.	ASTROPHYSICAL JOURNAL	2021
34	Size, shade, or shape? The contribution of galaxies of different types to the star formation history of the Universe from SDSS-IV MaNGA	VLADIMIR ANTON AVILA REESE NIV OLIVER MICHAEL TOMER DRORY Thomas Peterken et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2021
35	The Physics of the Coronal-line Region for Galaxies in Mapping Galaxies at Apache Point Observatory	JORGE KAROLT BARRERA BALLESTEROS NIV OLIVER MICHAEL TOMER DRORY James Negus et al.	ASTROPHYSICAL JOURNAL	2021
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37	SDSS-IV MaNGA: spatially resolved star formation in barred galaxies	NIV OLIVER MICHAEL TOMER DRORY Fraser-McKelvie A. Aragón-Salamanca A. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020
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40	VIRUS2: A next generation replicated integral field spectrograph with wide field and broad wavelength coverage	NIV OLIVER MICHAEL TOMER DRORY Hill G.J. Lee H. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2020
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49	The Effect of Bars on the Ionized ISM: Optical Emission Lines from Milky Way Analogs	NIV OLIVER MICHAEL TOMER DRORY Krishnarao D. Tremonti C. et al.	ASTROPHYSICAL JOURNAL	2020
50	Stellar Parameters for the First Release of the MaStar Library: An Empirical Approach	NIV OLIVER MICHAEL TOMER DRORY Chen Y.-P. Yan R. et al.	ASTROPHYSICAL JOURNAL	2020
51	Stellar population synthesis with distinct kinematics: Multiage asymmetric drift in SDSS-IV MaNGA galaxies	NIV OLIVER MICHAEL TOMER DRORY Shetty S. Bershadsky M.A. et al.	ASTROPHYSICAL JOURNAL	2020
52	Spectroscopic Constraints on the Buildup of Intracluster Light in the Coma Cluster	NIV OLIVER MICHAEL TOMER DRORY Gu M. Conroy C. et al.	ASTROPHYSICAL JOURNAL	2020
53	SDSS-V local volume mapper instrument: Overview and status	NIV OLIVER MICHAEL TOMER DRORY Konidaris N.P. Froning C.S. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2020

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55	The Ultimately Large Telescope: What Kind of Facility Do We Need to Detect Population III Stars?	NIV OLIVER MICHAEL TOMER DRORY Schauer A.T.P. Bromm V.	ASTROPHYSICAL JOURNAL	2020
56	The VIRUS-P exploration of nearby galaxies (VENGA): The stellar populations and assembly of NGC 2903's bulge, bar, and outer disc	NIV OLIVER MICHAEL TOMER DRORY Carrillo A. Jogee S. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2020
57	SDSS IV MaNGA: Metallicity and ionisation parameter in local star-forming galaxies from Bayesian fitting to photoionisation models	NIV OLIVER MICHAEL TOMER DRORY Mingozi M. Belfiore F. et al.	ASTRONOMY & ASTROPHYSICS	2020
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59	SDSS-IV MaNGA: Evidence for Enriched Accretion onto Satellite Galaxies in Dense Environments	NIV OLIVER MICHAEL TOMER DRORY Schaefer A.L. Tremonti C. et al.	ASTROPHYSICAL JOURNAL	2019
60	Time-slicing spiral galaxies with SDSS-IV MaNGA	NIV OLIVER MICHAEL TOMER DRORY Peterken T. Fraser-McKelvie A. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2019
61	Galaxy properties as revealed by MaNGA ? II. Differences in stellar populations of slow and fast rotator ellipticals and dependence on environment	NIV OLIVER MICHAEL TOMER DRORY Bernardi M. Sánchez H.D. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2019
62	Galaxy properties as revealed by MaNGA ? I. Constraints on IMF and M*/L gradients in ellipticals	NIV OLIVER MICHAEL TOMER DRORY Sánchez H.D. Bernardi M. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2019
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66	Resolved and Integrated Stellar Masses in the SDSS-IV/MaNGA Survey. II. Applications of PCA-based Stellar Mass Estimates	NIV OLIVER MICHAEL TOMER DRORY Pace Z.J. Tremonti C. et al.	ASTROPHYSICAL JOURNAL	2019
67	Resolved and Integrated Stellar Masses in the SDSS-iv/MaNGA Survey. I. PCA Spectral Fitting and Stellar Mass-to-light Ratio Estimates	NIV OLIVER MICHAEL TOMER DRORY Pace Z.J. Tremonti C. et al.	ASTROPHYSICAL JOURNAL	2019
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71	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library	VLADIMIR ANTON AVILA REESE BERNARDO CERVANTES SODI NIV OLIVER MICHAEL TOMER DRORY et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2019
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91	Low Metallicities and Old Ages for Three Ultra-diffuse Galaxies in the Coma Cluster	NIV OLIVER MICHAEL TOMER DRORY Gu M. Conroy C. et al.	ASTROPHYSICAL JOURNAL	2018
92	Mechanical systems performance of the HET wide-field upgrade	NIV OLIVER MICHAEL TOMER DRORY Good J.M. Leck R. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2018

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103	SDSS-IV MaNGA: Bulge-disc decomposition of IFU data cubes (BUDDI)	NIV OLIVER MICHAEL TOMER DRORY Johnston E.J. Häußler B. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017
104	SDSS-IV MaNGA: Spatially resolved star formation histories in galaxies as a function of galaxy mass and type	NIV OLIVER MICHAEL TOMER DRORY Goddard D. Thomas D. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017
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131	Suppressing star formation in quiescent galaxies with supermassive black hole winds	NIV OLIVER MICHAEL TOMER DRORY Cheung E. Bundy K. et al.	Nature	2016
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20 8	VIRUS: A massively-replicated IFU spectrograph for HET	FRANCISCO JOSE COBOS DUEÑAS NIV OLIVER MICHAEL TOMER DRORY Hill G.J. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
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211	The Munich near-infrared cluster survey (MUNICS). VI. The stellar masses of K-band-selected field galaxies to $z \sim 1.2$	NIV OLIVER MICHAEL TOMER DRORY Bender R. Feulner G. et al.	ASTROPHYSICAL JOURNAL	2004
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215	The Munich Near-Infrared Cluster Survey - V. The evolution of the rest-frame K- and J-band galaxy luminosity functions to $z \sim 0.7$	NIV OLIVER MICHAEL TOMER DRORY Feulner G. Bender R. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2003
216	The MUNICH near-infrared cluster survey. II. The K-band luminosity function of field galaxies to $z \sim 1.2$	NIV OLIVER MICHAEL TOMER DRORY Bender R. Feulner G. et al.	ASTROPHYSICAL JOURNAL	2003
217	Large-scale structure in the NIR-selected MUNICS survey	NIV OLIVER MICHAEL TOMER DRORY Botzler C.S. Snigula J. et al.	ASTROPHYSICS AND SPACE SCIENCE	2003

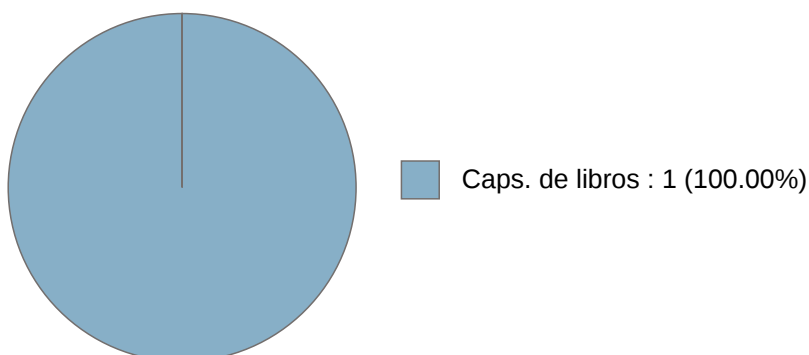
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218	Tesis - The TNG eros spectroscopic identification survey	NIV OLIVER MICHAEL TOMER DRORY Saracco P. Longhetti M. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2003
219	Detection of a cosmic microwave background decrement towards a cluster of mJy radio sources	NIV OLIVER MICHAEL TOMER DRORY Cotter G. Buttery H.J. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2002
220	The evolution of the Tully-Fisher relation of spiral galaxies	NIV OLIVER MICHAEL TOMER DRORY Ziegler B.L. Böhm A. et al.	ASTROPHYSICAL JOURNAL	2002
221	The Munich Near-Infrared Cluster Survey - IV. Biases in the completeness of near-infrared imaging data	NIV OLIVER MICHAEL TOMER DRORY Snigula J. Bender R. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2002
222	Evidence for chemical evolution in the spectra of high redshift galaxies	NIV OLIVER MICHAEL TOMER DRORY Mehlert D. Noll S. et al.	ASTRONOMY & ASTROPHYSICS	2002
223	The munich near-infrared cluster survey: Number density evolution of massive field galaxies to $z \sim 1.2$ as derived from the K-band-selected survey	NIV OLIVER MICHAEL TOMER DRORY Bender R. Snigula J. et al.	ASTROPHYSICAL JOURNAL	2001
224	The Munich near-infrared cluster survey - I. Field selection, object extraction and photometry	NIV OLIVER MICHAEL TOMER DRORY Feulner G. Bender R. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2001
225	Detailed optical studies of the galactic supersoft X-ray source QR and (RX J0019.8 +2156)	NIV OLIVER MICHAEL TOMER DRORY Deufel B. Barwig H. et al.	ASTRONOMY & ASTROPHYSICS	1999

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	An observational guide to identifying pseudobulges and classical bulges in disc galaxies	NIV OLIVER MICHAEL TOMER DRORY Fisher D.B.	Capítulo de un Libro	2015	9783319193786



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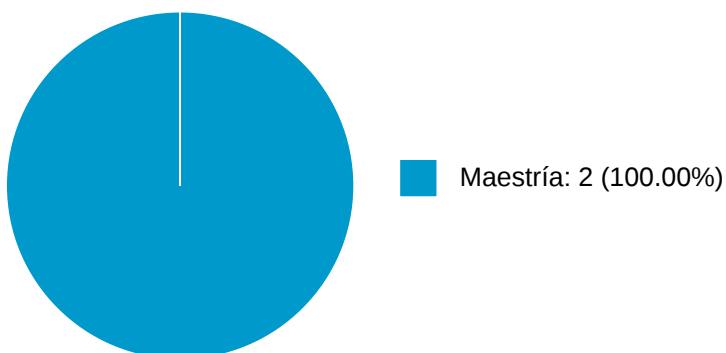
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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	ASTROFISICA TEORICA - PROBLEMAS CONTEMPORANEOS DE DINAMICA Y ESTRUCTURA DE GALAXIAS	Instituto de Astronomía	1	2013-1
2	Maestría	PROBLEMAS CONTEMPORANEOS DE ASTRONOMIA EXTRAGALACTICA Y COSMOLOGIA	Instituto de Astronomía	2	2012-1



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PATENTES

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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