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Grupo de Investigación: **ASTROFÍSICA** (Cod.: FQM108)

Departamento: Universidad de Granada. Física Teórica y del Cosmos

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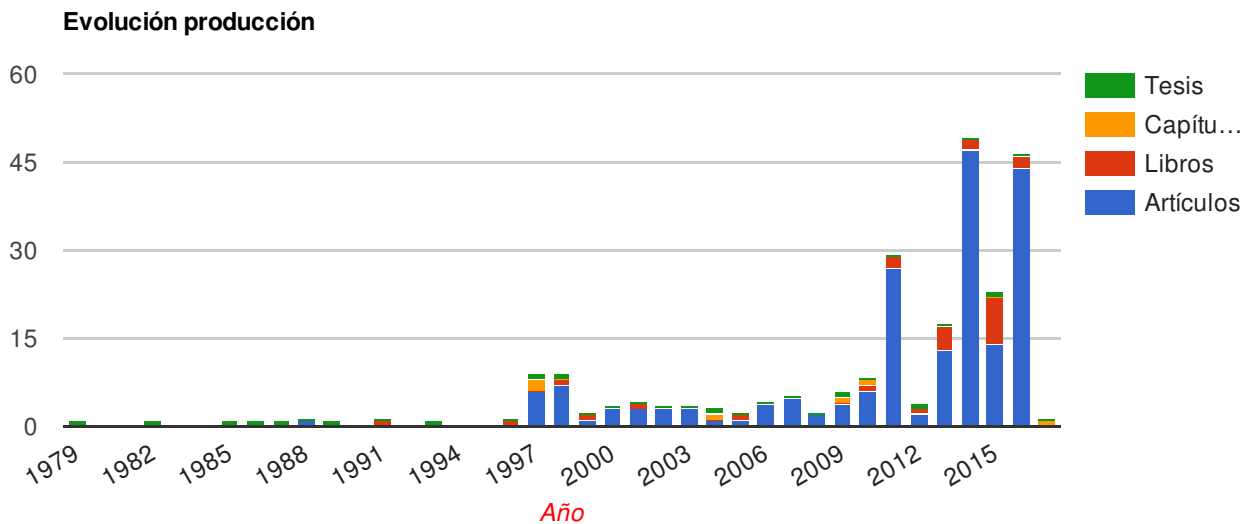
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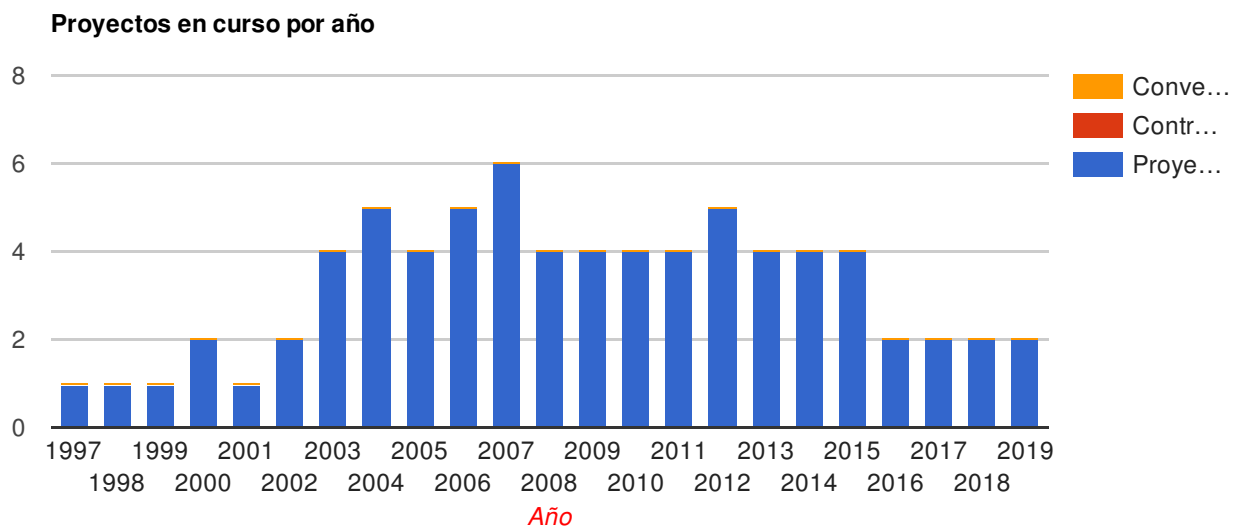
Producción 242

Artículos (197) Libros (26) Capítulos de Libros (6) Tesis dirigidas (13)



Proyectos dirigidos 11

Proyectos (11) Contratos (0) Convenios (0)



Actividades 12

Titulo publicación	Fuente	Tipo	Fecha
El magnetismo del universo	50 años escudriñando y descifrando el universo. historia reciente de la astrofísica española.	Capítulo de libro	2017
Los pecados de dos grandes físicos	Editorial universidad de granada	Libros	2016
Los pecados de dos grandes físicos. newton y einstein	Editorial universidad de granada	Libros	2016
Peculiar transverse velocities of galaxies from quasar microlensing. tentative estimate of the peculiar velocity dispersion at $z \sim 0.5$	The astrophysical journal	Articulo	2016
Planck 2015 results. i. overview of products and scientific results	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. ii. low frequency instrument data processings	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. iii. lfi systematic uncertainties	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. iv. low frequency instrument beams and window functions		Articulo	2016
Planck 2015 results. ix. diffuse component separation: cmb maps	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. v. lfi calibration		Articulo	2016
Planck 2015 results. vi. lfi mapmaking		Articulo	2016
Planck 2015 results. vii. high frequency instrument data processing: time-ordered information and beams	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. viii. high frequency instrument data processing: calibration and maps	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. x. diffuse component separation: foreground maps		Articulo	2016
Planck 2015 results. xii. full focal plane simulations	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. xiii. cosmological parameters	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. xiv. dark energy and modified gravity		Articulo	2016
Planck 2015 results. xix. constraints on primordial magnetic fields	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. xv. gravitational lensing		Articulo	2016
Planck 2015 results. xvii. constraints on primordial non-gaussianity		Articulo	2016
Planck 2015 results. xviii. background geometry and topology of the universe		Articulo	2016
Planck 2015 results. xx. constraints on inflation	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. xxi. the integrated sachs-wolfe effect		Articulo	2016
Planck 2015 results. xxii. a map of the thermal sunyaev-zeldovich effect	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. xxiii. the thermal sunyaev-zeldovich effect-cosmic infrared background correlation	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. xxiv. cosmology from sunyaev-zeldovich cluster counts	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. xxv. diffuse low-frequency galactic	Astronomy &	Articulo	2016

foregrounds	astrophysics	Articulo	2016
Planck 2015 results. xxvi. the second planck catalogue of compact sources	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. xxvii. the second planck catalogue of sunyaev-zeldovich sources	Astronomy & astrophysics	Articulo	2016
Planck 2015 results. xxviii. the planck catalogue of galactic cold clumps	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. ix. detection of the galactic haze with planck		Articulo	2016
Planck intermediate results. xl. the sunyaev-zeldovich signal from the virgo cluster	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xli. a map of lensing-induced b-modes	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xlii. large-scale galactic magnetic fields	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xlv. radio spectra of northern extragalactic radio sources	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxix. all-sky dust modelling with planck, iras, and wise observations	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxx. the angular power spectrum of polarized dust emission at intermediate and high galactic latitude	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxxi. microwave survey of galactic supernova remnants	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxxii. the relative orientation between the magnetic field and structures traced by interstellar dust	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxxiii. signature of the magnetic field geometry of interstellar filaments in dust polarization maps	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxxiv. the magnetic field structure in the rosette nebula	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxxix. the planck list of high-redshift source candidates	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxxv. probing the role of the magnetic field in the formation of structure in molecular clouds	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxxvi. optical identification and redshifts of planck sz sources with telescopes at the canary islands observatories	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxxvii. evidence of unbound gas from the kinetic sunyaev-zeldovich effect	Astronomy & astrophysics	Articulo	2016
Planck intermediate results. xxxviii. e- and b-modes of dust polarization from the magnetized filamentary structure of the interstellar medium	Astronomy & astrophysics	Articulo	2016
Searching for faraday rotation in cosmic microwave background polarization	Monthly notices of the royal astronomical society	Articulo	2016
Chandrasekhar et al.; evolution stellaire	Rba	Libros	2015
Chandrasekhar. la evolución estelar. ha muerto una estrella	Rba	Libros	2015
Chandrasekhar: l'evoluzione stellaire. è morta una stella	Rba	Libros	2015
Física de las noches estrelladas	Tusquets editores. booket	Libros	2015
Galactic magnetic fields and cosmic ray anisotropies	Facultad de ciencias, universidad de granada	Tesis doctoral	2015
Grandes estructuras del universo: el cosmos se hace mayor	Rba	Libros	2015
Grandes estructuras del universo	Rba	Libros	2015

Hubble	De agostini	Libros	2015
Joint analysis of bicep2/keck array and planck data	Physical review letters	Articulo	2015
Kepler	De agostini	Libros	2015
Magnetic fields and cosmic-ray anisotropies at tev energies	The astrophysical journal	Articulo	2015
Planck 2013 results. xxxii. the updated planck catalogue of sunyaev-zeldovich sources	Astronomy & astrophysics	Articulo	2015
Planck 2015 results. xi. cmb power spectra, likelihoods, and robustness of parameters	Astronomy & astrophysics	Articulo	2015
Planck intermediate results. xix. an overview of the polarized thermal emission from galactic dust		Articulo	2015
Planck intermediate results. xviii. the millimetre and sub-millimetre emission from planetary nebulae	Astronomy & astrophysics	Articulo	2015
Planck intermediate results. xx. comparison of polarized thermal emission from galactic dust with simulations of mhd turbulence	Astronomy and astrophysics	Articulo	2015
Planck intermediate results. xxi. comparison of polarized thermal emission from galactic dust at 353 ghz with interstellar polarization in the visible		Articulo	2015
Planck intermediate results. xxii. frequency dependence of thermal emission from galactic dust in intensity and polarization	Astronomy & astrophysics	Articulo	2015
Planck intermediate results. xxiv. constraints on variations in fundamental constants	Astronomy & astrophysics	Articulo	2015
Planck intermediate results. xxv. the andromeda galaxy as seen by planck		Articulo	2015
Planck intermediate results. xxvi. optical identification and redshifts of planck clusters with the rtt150 telescope	Astronomy & astrophysics	Articulo	2015
Planck intermediate results. xxvii. high-redshift infrared galaxy overdensity candidates and lensed sources discovered by planck and confirmed by herschel-spire		Articulo	2015
Planck intermediate results. xxviii. interstellar gas and dust in the chamaeleon clouds as seen by fermi lat and planck	Astronomy & astrophysics	Articulo	2015
Hubble et al. expansion de l'univers	Rba	Libros	2014
Kepler. tragicomedia en cuatro actitos	Editorial universidad granada	Libros	2014
Planck 2013 results. xii. diffuse component separation	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. ii low frequency instrument data processing	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. gravitational lensing by large-scale structure	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. i. overview of products and scientific results	Astronomy & astrophysics	Articulo	2014
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Planck 2013 results. iii. lfi systematic uncertainties	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. iv. low frequency instrument beams and window functions	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. iv. low frequency instrument beams and window function	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. ix. hfi spectral response	Astronomy & astrophysics	Articulo	2014

Planck 2013 results. v. calibration	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. vii. hfi time response and beams	Astronomy & astrophysics	Articulo	2014
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Planck 2013 results. viii. hfi photometric calibration and mapmaking	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. viii. hfiphotometric calibration and mapmaking	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. x. hfienergetic particle effects: characterization, removal, and simulation	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xi. all-sky model of thermal dust emission	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xiii. galactic co emission	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xiv. zodiacal emission	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xv. cmb power spectra and likelihood	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xvi. cosmological parameters	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xvii. gravitational lensing by large-scale structure	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xviii. the gravitational lensing-infrared background correlation	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xx. cosmology from sunyaev-zeldovich cluster counts	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxi. power spectrum and high-order statistics of the planck all-sky compton parameter map	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxi. power spectrum and high-order statistics of the planck all-sky compton parameter map	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxii. constraints on inflation	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxiii. isotropy and statistics of the cmb	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxiv. constraints on primordial non-gaussianity	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxix.the planck catalogue of sunyaev-zeldovich sources	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxv. searches for cosmic strings and other topological defects	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxv. searches for cosmic strings and other topological defects	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxvi. background geometry and topology of the universe	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxviii. the planck catalogue of compact sources	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxviii. the planck catalogue of compact sources	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxx. cosmic infrared background measurements and implications for star formation	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxx. cosmic infrared background	Astronomy & astrophysics		

Planck 2013 results. xxx. cosmic infrared background measurements and implications for star formation	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. xxxi. consistency of the planck data	Astronomy & astrophysics	Articulo	2014
Planck intermediate results. xiii. constraints on peculiar velocities	Astronomy & astrophysics	Articulo	2014
Planck intermediate results. xiv. dust emission at millimetre wavelengths in the galactic plane	Astronomy & astrophysics	Articulo	2014
Planck intermediate results. xv. a study of anomalous microwave emission in galactic clouds	Astronomy & astrophysics	Articulo	2014
Planck intermediate results. xvi. profile likelihoods for cosmological parameters	Astronomy & astrophysics	Articulo	2014
Planck intermediate results. xvii. emission of dust in the diffuse interstellar medium from the far-infrared to microwave frequencies	Astronomy & astrophysics	Articulo	2014
Planck intermediate results. xvii. emission of dust in the diffuse interstellar medium from the far-infrared to microwave frequencies	Astronomy & astrophysics	Articulo	2014
Planck intermediate results. xx. comparison of polarized thermal emission from galactic dust with simulations of mhd turbulence	Astronomy & astrophysics	Articulo	2014
Planck intermediate results. xxi. comparison of polarized thermal emission from galactic dust at 353 ghz with interstellar polarization in the visible		Articulo	2014
Planck.2013 results. xix. the integrated sachs-wolfe effect	Astronomy & astrophysics	Articulo	2014
Planck 2013 results. vi. high frequency instrument data processing	Astronomy & astrophysics	Articulo	2014
Hubble. l'espansione dell'universo	Rba	Libros	2013
Hubble. la expansión del universo	Rba	Libros	2013
Kapler. il movimento planetario. danzando con le stelle	Rba	Libros	2013
Kepler et le mouvement des planètes	Rba france	Libros	2013
Planck intermediate results (corrigendum). v. pressure profiles of galaxy clusters from the sunyaev-zeldovich effect	Astronomy & astrophysics	Articulo	2013
Planck intermediate results v. pressure profiles of galaxy clusters from the sunyaev-zeldovich effect	Astronomy & astrophysics	Articulo	2013
Planck intermediate results. ii. comparison of sunyaev-zeldovich measurements from planck and from the arcminute microkelvin imager for 11 galaxy clusters		Articulo	2013
Planck intermediate results. iii. the relation between galaxy cluster mass and sunyaev-zeldovich signal	Astronomy & astrophysics	Articulo	2013
Planck intermediate results. iv. the xmm-newton validation programme for new planck galaxy clusters	Astronomy & astrophysics	Articulo	2013
Planck intermediate results. ix. detection of the galactic haze with planck	Astronomy & astrophysics	Articulo	2013
Planck intermediate results. v. pressure profiles of galaxy clusters from the sunyaev-zeldovich effect	Astronomy & astrophysics	Articulo	2013
Planck intermediate results. vi. the dynamical structure of plckg214.6+37.0, a planck discovered triple system of galaxy clusters		Articulo	2013
Planck intermediate results. vii. statistical properties of infrared and radio extragalactic sources from the planck early release compact source catalogue at frequencies between 100 and 857 ghz	Astronomy & astrophysics	Articulo	2013

Planck intermediate results. viii. filaments between interacting clusters	Astronomy & astrophysics	Articulo	2013
Planck intermediate results. x. physics of the hot gas in the coma cluster	Astronomy & astrophysics	Articulo	2013
Planck intermediate results. xi. the gas content of dark matter halos: the sunyaev-zeldovich-stellar mass relation for locally brightest galaxies	Astronomy & astrophysics	Articulo	2013
Planck intermediate results. xii: diffuse galactic components in the Gould Belt system	Astronomy & astrophysics	Articulo	2013
Alabeos y truncamientos de los discos estelares de las galaxias de perfil		Tesis doctoral	2012
Dark matter, magnetic fields, and the rotation curve of the Milky Way	The Astrophysical Journal	Articulo	2012
Kepler. el movimiento planetario	RBA	Libros	2012
Planck intermediate results. i. further validation of the new Planck clusters with XMM-Newton	Astronomy & astrophysics	Articulo	2012
Cosmic magnetic lenses	Astronomy & astrophysics	Articulo	2011
Física de las noches estrelladas	Tusquets editores. colección Fábula	Libros	2011
Planck early results. i. the Planck mission	Astronomy & astrophysics	Articulo	2011
Planck early results. ii. the thermal performance of Planck	Astronomy & astrophysics	Articulo	2011
Planck early results. iv. first assessment of the high frequency instrument in-flight performance	Astronomy & astrophysics	Articulo	2011
Planck early results. ix. XMM-Newton follow-up for validation of Planck cluster candidates	Astronomy & astrophysics	Articulo	2011
Planck early results. ix. XMM-Newton follow-up for validation of Planck cluster candidates	Astronomy & astrophysics	Articulo	2011
Planck early results. vi. the high frequency instrument data processing	Astronomy & astrophysics	Articulo	2011
Planck early results. vii. the early release compact source catalogue	Astronomy & astrophysics	Articulo	2011
Planck early results. viii. the all-sky early Sunyaev-Zeldovich cluster sample	Astronomy & astrophysics	Articulo	2011
Planck early results. x. statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters	Astronomy & astrophysics	Articulo	2011
Planck early results. xi. calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations	Astronomy & astrophysics	Articulo	2011
Planck early results. xi. calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations	Astronomy & astrophysics	Articulo	2011
Planck early results. xii. cluster Sunyaev-Zeldovich optical scaling relations	Astronomy & astrophysics	Articulo	2011
Planck early results. xiii. statistical properties of extragalactic radio sources in the Planck early release compact source catalogue	Astronomy & astrophysics	Articulo	2011
Planck early results. xiv. ERCSC validation and extreme radio sources	Astronomy & astrophysics	Articulo	2011
Planck early results. xix. all-sky temperature and dust optical depth from Planck and IRAS. constraints on the "dark gas" in our galaxy	Astronomy & astrophysics	Articulo	2011
Planck early results. xv. spectral energy distributions and radio	Astronomy &	Articulo	2011

continuum spectra of northern extragalactic radio sources	astrophysics	Artículo	2011
Planck early results. xvi. the planck view of nearby galaxies	Astronomy & astrophysics	Artículo	2011
Planck early results. xvii. origin of the submillimetre excess dust emission in the magellanic clouds	Astronomy & astrophysics	Artículo	2011
Planck early results. xviii. the power spectrum of cosmic infrared background anisotropies	Astronomy & astrophysics	Artículo	2011
Planck early results. xx. new light on anomalous microwave emission from spinning dust grains	Astronomy & astrophysics	Artículo	2011
Planck early results. xxi. properties of the interstellar medium in the galactic plane	Astronomy & astrophysics	Artículo	2011
Planck early results. xxii. the submillimetre properties of a sample of galactic cold clumps	Astronomy & astrophysics	Artículo	2011
Planck early results. xxiii. the first all-sky survey of galactic cold clumps	Astronomy & astrophysics	Artículo	2011
Planck early results. xxiv. dust in the diffuse interstellar medium and the galactic halo	Astronomy & astrophysics	Artículo	2011
Planck early results. xxv. thermal dust in nearby molecular clouds	Astronomy & astrophysics	Artículo	2011
Planck early results. xxvi. detection with planck and confirmation by xmm-newton of plck g266.6-27.3, an exceptionally x-ray luminous and massive galaxy cluster at $z \sim 1$	Astronomy & astrophysics	Artículo	2011
Qué es el universo, qué es el hombre		Libros	2011
Actividad nuclear en galaxias	Astronomía	Capítulo de libro	2010
Blasts and shocks in the disc of ngc 5258	Monthly notices of the royal astronomical society	Artículo	2010
Constraining the regular galactic magnetic field with the 5-year wmap polarization measurements at 22 ghz	Astronomy & astrophysics	Artículo	2010
El astrónomo y el templario	Nabla editorial	Libros	2010
Magnetic fields and the outer rotation curve of m31	The astrophysical journal	Artículo	2010
Near-infrared and optical observations of galactic warps: a common, unexplained feature of most discs	Astronomy & astrophysics	Artículo	2010
On cosmic magnetic fields	Lecture notes and essays in astrophysics	Artículo	2010
Planck pre-launch status: the planck mission	Astronomy & astrophysics	Artículo	2010
Estudio del magnetismo en el fondo cósmico de microondas	Universidad de granada. física teórica y del cosmos	Tesis doctoral	2009
Galactic magnetic fields and the large-scale anisotropy at milagro	The astrophysical journal	Artículo	2009
Las matemáticas de la materia oscura, las ecuaciones de la estabilidad de las galaxias o por qué el cielo no cae sobre nuestras cabezas	Diario el pais	Artículo	2009
Magnetic fields in the early universe	Cosmic magnetic fields: from planets, to stars and galaxies	Capítulo de libro	2009
On an unified theory of cold dark matter halos based on collisionless boltzmann-poisson polytropes	Physica a. statistical mechanics and its applications	Artículo	2009
Size of a galaxy can be determined by its dark matter, physicists and mathematicians show	Science daily	Artículo	2009
Magnetic fields in galaxies	Lecture notes and essays in astrophysics	Artículo	2008

Probing igm large-scale flows: warps in galaxies at shells of voids	Astronomy & astrophysics	Articulo	2008
Are rotation curves in ngc 6946 and the milky way magnetically supported?	Astronomische nachrichten	Articulo	2007
Discovery of a galactic wind in the central region of m100	Monthly notices of the royal astronomical society	Articulo	2007
Non-circular motion evidence in the circumnuclear region of m100 (ngc 4321)	Monthly notices of the royal astronomical society	Articulo	2007
On the metallicity dependence of the 24 mm luminosity as a star formation tracer	The astrophysical journal	Articulo	2007
The truncation of the stellar disc of ngc 6504	Astronomy & astrophysics	Articulo	2007
Distribution of extinction and star formation in ngc 1569	Astronomy & astrophysics	Articulo	2006
The need for ultraviolet to understand the chemical evolution of the universe and cosmology	Astrophysics and space science	Articulo	2006
Truncated stellar discs in the near infrared ii. statistical properties and interpretation	Astronomy & astrophysics	Articulo	2006
Truncated stellar disks in the near infrared i. observations	Astronomy & astrophysics	Articulo	2006
Asymmetrical structure of ionization and kinematics in the seyfert galaxy ngc 5033	Astronomy & astrophysics	Articulo	2005
Un físico en la calle (fluidos, entropía y antropía)	Universidad de granada	Libros	2005
Galaxies, clusters of galaxies and the magnetic field interchange	Universidad de granada. física teórica y del cosmos	Tesis doctoral	2004
Sobre la ciencia y el libre albedrío.	Thémata, revista de filosofía	Articulo	2004
The truncation of the stellar disk of the milky way. a magnetic effect?	How the galaxy works?: a galactic tertulia with don cox and ron reynolds	Capítulo de libro	2004
A catalog of warps in spiral and lenticular galaxies in the southern hemisphere	Astronomy & astrophysics	Articulo	2003
Axisymmetrical gas inflow in the central region of ngc 7331	Astronomy & astrophysics	Articulo	2003
Los grandes problemas cosmológicos: materia oscura, reacceleración e inflación.	Revista española de física	Articulo	2003
Statistics of galaxy warps in the hdf north and south	Astronomy & astrophysics	Articulo	2002
The truncation of stellar discs: the magnetic hypothesis	Astronomy & astrophysics	Articulo	2002
Warps and correlations with intrinsic parameters of galaxies in the visible and radio	Astronomy & astrophysics	Articulo	2002
100 problemas de astrofísica	Alianza editorial	Libros	2001
Near infrared observations of the truncation of stellar disks	Astronomy & astrophysics	Articulo	2001
Ultra-deep near infrared surface photometry of edge-on disk galaxies	Astrophysics and space science	Articulo	2001
Vertical velocity dispersion of the ionized gas in ngc 3938	Astrophysics and space science	Articulo	2001
Sobre la física del campo magnético primordial.	Anales de física	Articulo	2000
The rotation curve of spiral galaxies and its cosmological implications	Fundamentals of cosmic physics	Articulo	2000
Vertical motions in the disk of ngc 5668 as seen with optical	Astronomy & astrophysics	Articulo	2000

Fabry-perot spectroscopy	astrophysics		
Fabry-perot observations of the ionized gas in ngc 3938	Astronomy & astrophysics	Articulo	1999
Introducción a la astrofísica	Alianza editorial	Libros	1999
A simple model of magnetically induced warps	Astronomy & astrophysics	Articulo	1998
Algunos aspectos de la morfología y cinemática de galaxias espirales. alabeos y cinemática del gas ionizado	Universidad de granada. física teórica y del cosmos	Tesis doctoral	1998
El campo magnético y la rotación de las galaxias espirales.	Anales de física	Articulo	1998
Estudio sociológico de los doctores españoles en el campo de la astronomía		Libros	1998
Magnetic fields and large scale structure in a hot universe iv. the egg-carton universe	Astronomy & astrophysics	Articulo	1998
Near infrared observations of the local arm	Astronomy & astrophysics	Articulo	1998
Sociological profile of astronomers in spain	Astrophysics and space science	Articulo	1998
The fractal octahedron network of the large scale structure	Astronomy & astrophysics	Articulo	1998
The radial scale length of the milky way	Astronomy & astrophysics	Articulo	1998
A model for the emission of the stellar warp in the near infrared and its comparison with the stellar warp	The impact of large scale near-ir sky surveys	Capítulo de libro	1997
Estudio del alabeo de la vía lactea en el infrarrojo cercano	Universidad de granada. física teórica y del cosmos	Tesis doctoral	1997
Geometric differences between the gaseous and stellar warps in the milky way	Astronomy & astrophysics	Articulo	1997
Geometrical parametrization of warps for edge-on galaxies	Astrophysics and space science	Articulo	1997
Magnetic fields and large scale structure in a hot universe . 1. general equations	Astronomy & astrophysics	Articulo	1997
Magnetic fields and large scale structure in a hot universe. iii. the polyhedral network	Astronomy & astrophysics	Articulo	1997
Magnetic fields and large-scale structure in a hot universe. ii. magnetic flux tubes and filamentary structure	Astronomy & astrophysics	Articulo	1997
The orientation of warps in the local group	Astronomy & astrophysics	Articulo	1997
Warps, tilts and corrugations	Structure and evolution of stellar systems	Capítulo de libro	1997
Astrophysical fluid dynamics	Cambridge university press	Libros	1996
Sobre el campo magnético en la periferia de los discos	Universidad de granada. física teórica y del cosmos	Tesis doctoral	1993
Planetas	Alianza editorial	Libros	1991
Influencia de los campos magnéticos en la morfología de las galaxias espirales estrella florida navío		Tesis doctoral	1989
The magnetic field profiles of ngc 7331, ngc 2841, and ngc 6946 - a theoretical model	The astrophysical journal	Articulo	1988
Un estudio sobre las zonas circum-nucleares de galaxias espirales normales	Universidad de la laguna. astrofísica	Tesis doctoral	1987
Análisis de los cambios de gran escala espaciales y temporales en los sistemas nubosos de la atmósfera de saturno		Tesis doctoral	1986
Acreción estacionaria radial-simétrica en agujeros negros de		Tesis	1985

kerr. caso de gas opaco cristobal peran		doctoral	
Emisiones del co2 en 4.26 y 15 um en las emisiones de los planetas interiores manuel lópez puertas		Tesis doctoral	1982
Modelo para el estudio de las emisiones atmosféricas del o2(1dg) y del oh entre 60 y 120 km josé juan lópez moreno		Tesis doctoral	1979

	Título proyecto	Tipo	Inicio	Fin
1	Magnetismo frente a gravitación: un desafío cosmoico	Proyecto	1/1/12	12/31/15
2	Exploring the physics of inflation	Proyecto	12/27/10	12/26/15
3	La evolución galáctica: un desafío al modelo cosmológico estándar	Proyecto	10/1/07	9/30/12
4	Modelo físico-matemáticos y análisis de los datos de la misión espacial planck (esa)	Proyecto	2/1/06	12/31/09
5	Campo magnético y radiación de fondo	Proyecto	12/13/04	12/13/07
6	Campo magnético y radiación de fondo	Proyecto	12/13/04	12/13/07
7	Campos magnéticos en galaxias y en el medio intracumular	Proyecto	1/1/03	12/31/04
8	Influencia del magnetismo en galaxias espirales	Proyecto	12/19/00	12/18/03
9	Campos magnéticos y estructura y evolución de galaxias espirales	Proyecto	12/1/97	12/1/00
10	Participación en el instrumento de alta frecuencia, hfi, del vehículo espacial planck	Proyecto	6/30/02	
11	El campo magnético cósmico a partir de la misión espacial planck	Proyecto	12/31/03	

Actividades 12

Título actividad	Fuente	Tipo	Fecha
Experto cosmología comisión nacional astronomía	Comisión nacional de astronomía	Comité científico en sociedad ci	May 3, 2010
Misión espacial planck esa		Grupos y equipos de investigación	Oct 16, 2002
Real sociedad española de física	Vice-presidente grupo especializado astronomía	Foros y comités internacionales	Sep 17, 2003
Comité seguimiento del grantecan	Gran telescopio canario	Comité científico en sociedad ci	Jun 13, 2001
Participación en: co-investigador del instrumento hfi de la misión espacial planck ()		Comité científico en sociedad ci	Jan 1, 2002
Participación en: comité de seguimiento del gtc ()		Comité científico en sociedad ci	Jan 1, 2001
Participación en: red académica de astronomía y astrofísica, presidente (14 universidades españolas)	14 universidades españolas	Comité científico en sociedad ci	Apr 4, 2000
Participación en: opticon (comunidad europea)	Comunidad europea	Comité científico en sociedad ci	May 1, 2005
Participación en: instituto de física teórica y computacional carlos i (universidad de granada)	Universidad de granada	Comité científico en sociedad ci	May 14, 2007
Participación en: amigos del parque de las ciencias ()		Comité científico en sociedad ci	May 5, 2007
Participación en: academia de ciencias matemáticas, físico-químicas y naturales de granada (junta de andalucía)	Junta de andalucía	Comité científico en sociedad ci	May 13, 2005
Participación en: planck scientist, leader of planck project (planck consortium. european space agency)	Planck consortium. european space agency	Comité científico en sociedad ci	Dec 6, 2006

Colaboradores

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- MANUEL MASIP MELLADO (3)
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- MÓNICA RELAÑO PASTOR (2)
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