Ficha de investigador

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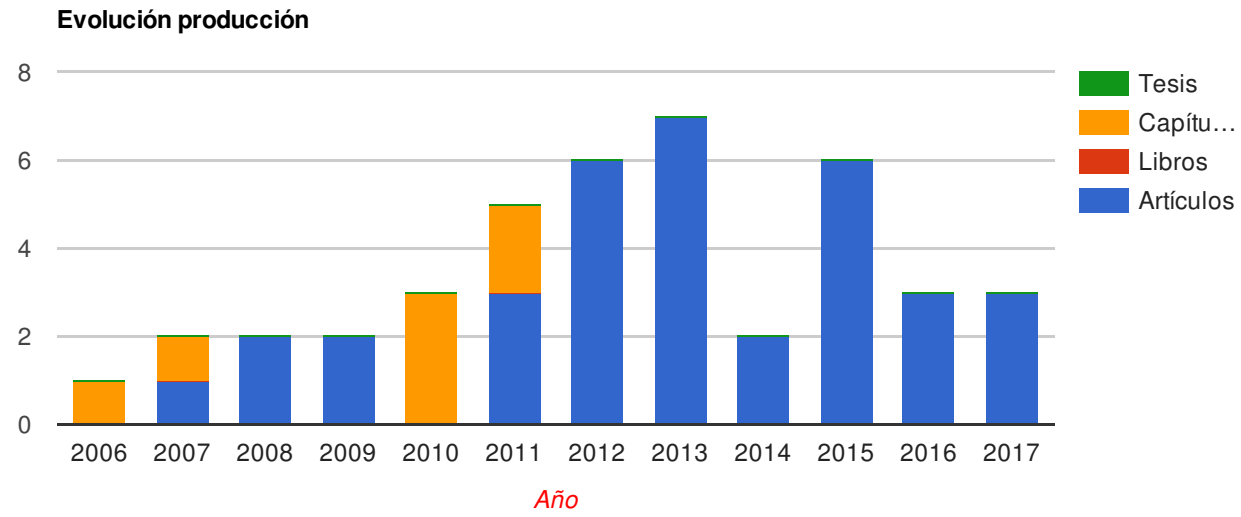
Ficha del Directorio

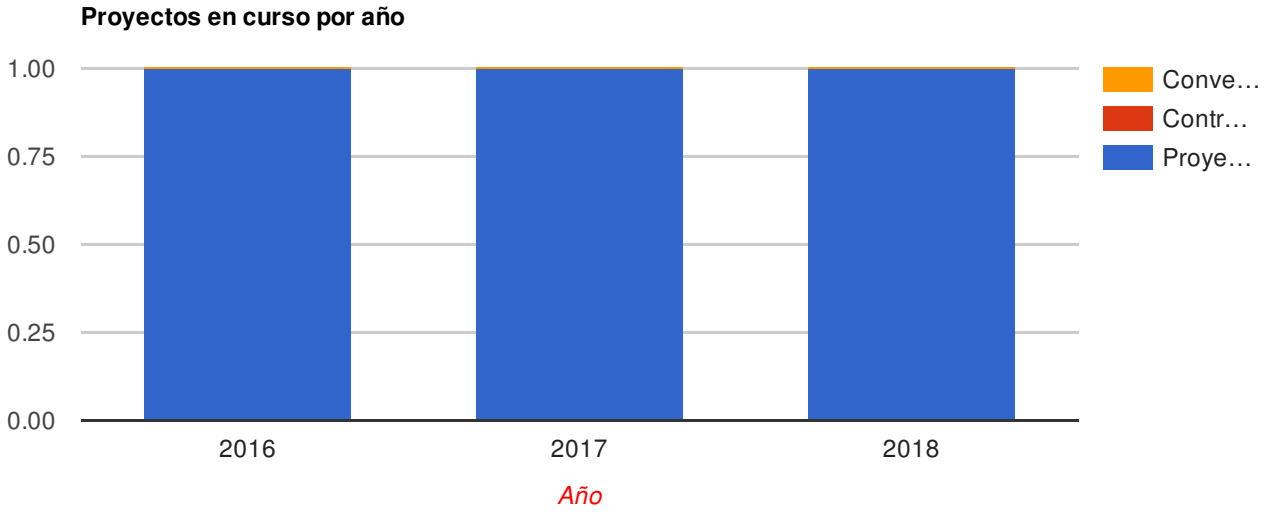
Producción 42

Artículos (35) Libros (0) Capítulos de Libros (7) Tesis dirigidas (0)



Proyectos dirigidos 1

Proyectos (1) Contratos (0) Convenios (0)



Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Comparative assessment of grasp algorithm for a dust event over granada (spain) during charmex-adrimed 2013 campaign	Atmospheric measurement techniques	Articulo	2017
Multi year aerosol characterization in the tropical andes and in adjacent amazonia using aeronet measurements	Atmospheric environment	Articulo	2017
Retrievals of aerosol microphysics from simulations of spaceborne multiwavelength lidar measurements	Journal of quantitative spectroscopy & radiative transfer	Articulo	2017
A comparative study of aerosol microphysical properties retrieved from ground-based remote sensing and aircraft in situ measurements during a saharan dust event	Atmospheric measurement techniques discussions	Articulo	2016
Simulations of spaceborne multiwavelength lidar measurements and retrievals of aerosol microphysics	Atmospheric measurement techniques discussions	Articulo	2016
Statistical study of day and night hourly patterns of columnar aerosol properties using sun and star photometry measurements	Proceedings of spie - the international society for optical engineering	Articulo	2016
Aerosol properties over the western mediterranean basin: temporal and spatial variability		Articulo	2015
Characterization of forest fire smoke event near washington, dc in summer 2013 with multi-wavelength lidar	Atmospheric chemistry and physics	Articulo	2015
High temporal resolution estimates of columnar aerosol microphysical parameters from spectrum of aerosol optical depth by linear estimation: application to long-term aeronet and star-photometry measurements	Atmospheric measurement techniques discussions	Articulo	2015
High temporal resolution estimates of columnar aerosol microphysical parameters from spectrum of aerosol optical depth by linear estimation: application to long-term aeronet and star-photometry measurements	Atmospheric measurement techniques discussions	Articulo	2015
Use of rotational raman measurements in multiwavelength aerosol lidar for evaluation of particle backscattering and extinction	Atmospheric measurement techniques discussions	Articulo	2015
Use of rotational raman measurements in multiwavelength aerosol lidar for evaluation of particle backscattering and extinction	Atmospheric measurement techniques discussions	Articulo	2015
Aerosol transport over the western mediterranean basin: evidence of the contribution if fone particles to desert dust plumes over alborán island	Journal of geophysical research atmospheres	Articulo	2014
Evaluation of aeronet precipitable water vapor versus microwave radiometry, gps, and radiosondes at arm sites	Journal of geophysical research. d, atmospheres	Articulo	2014
Analysis of lidar depolarization calibration procedure and application to the atmospheric aerosol characterization	International journal of remote sensing	Articulo	2013
Effects of systematic and random errors on the retrieval of particle microphysical properties from multiwavelength lidar measurements using inversion with regularization	Atmospheric measurement techniques discussions	Articulo	2013
Effects of systematic and random errors on the retrieval of particle microphysical properties from multiwavelength lidar measurements using inversion with regularization	Atmospheric measurement techniques discussions	Articulo	2013
Eruption of the eyjafjallajökull volcano in spring 2010: multiwavelength raman lidar measurements of sulphate particles in the lower troposphere	Journal of geophysical research atmospheres	Articulo	2013
Retrieval of aerosol microphysical properties by means of sun and star photometry at granada, spain	International journal of remote sensing	Articulo	2013
Retrieval of height-temporal distributions of particle parameters from multiwavelength lidar measurements using linear estimation technique and comparison results with aeronet	Atmospheric measurement techniques discussions	Articulo	2013
Retrieval of spatio-temporal distributions of particle parameters			

from multiwavelength lidar measurements using the linear estimation technique and comparison with aeronet	Atmospheric measurement techniques discussions	Articulo	2013
Aerosol properties over two urban sites in south spain during an extended stagnation episode in winter season	Atmospheric environment	Articulo	2012
Cloud screening and quality control algorithm for star photometer data: assessment with lidar measurements and with all-sky images		Articulo	2012
Cloud screening and quality control algorithm for star photometer data: assessment with lidar measurements and with all-sky-images	Atmospheric measurement techniques discussions	Articulo	2012
Columnar aerosol properties from sun-and-star photometry: statistical comparisons and day-to-night dynamic		Articulo	2012
Day and night columnar aerosol properties at granada (spain) retrieved from sun-and star-photometry	Atmospheric chemistry and physics discussions	Articulo	2012
Retrievals of precipitable water vapor using star photometry: assessment with raman lidar and link to sun photometry	Journal of geophysical research	Articulo	2012
Aerosol properties during an extended stagnation episode at two urban sites in south-eastern spain	Book of extended abstract of v reunion española de ciencia y tecnologia de los aerosoles	Capítulo de libro	2011
First results of aerosol microphysical properties by 3+2 raman lidar at earlinet granada station	Romanian journal in physics	Articulo	2011
Improvements in star photometry for aerosol characterizations	Journal of aerosol science	Articulo	2011
Optical and microphysical properties of fresh biomass burning aerosol retrieved by raman lidar, and star- and sun-photometry	Geophysical research letters	Articulo	2011
Water vapour from sun and star photometer as compared with passive microwave radiometry: modified k-ciclo for correcting sun photometer calibration	Book of extended abstracts of v reunion española de ciencia y tecnologia de aerosoles	Capítulo de libro	2011
Cloud screening algorithm for starphotometry	Bok of extended abstracts: iv reunión española de ciencia y tecnología de aerosoles	Capítulo de libro	2010
On the synergetic use of passive and active remote sensing for atmospheric aerosol radiative effect computations	Proceedings of the 25th international laser radar conference	Capítulo de libro	2010
Use of ground based passive and active remote sensing for the retrieval of aerosol microphysical properties	Bok of extended abstracts: iv reunión española de ciencia y tecnología de aerosoles	Capítulo de libro	2010
Extreme saharan dust event over the southern iberian peninsula in september 2007: active and passive remote sensing from surface and satellite	Atmospheric chemistry and physics discussions	Articulo	2009
Extreme saharan dust event over the southern iberian peninsula in september 2007: active and passive remote sensing from surface and satellite	Atmospheric chemistry and physics	Articulo	2009
Development and calibration of a star photometer to measure the aerosol optical depth: smoke observations at a high mountain site	Atmospheric environment	Articulo	2008
Sun/star photometry to derive the aerosol optical depth	International journal of remote sensing	Articulo	2008
The night-sky at the calar alto observatory	Publications of the astronomical society of the pacific	Articulo	2007
Uso del metodo langley astronomico para la calibracion relativa de un fotometro estelar	Xxxi reunión bienal de la real sociedad española de física. comunicaciones cientifícas	Capítulo de libro	2007

Sun/star photometry to derive the aerosol optical depth	Second recent advances in quantitative remote sensing	Capítulo de libro	2006

	Titulo proyecto	Tipo	Inicio	Fin
1	Ace_gfat - development of retrieval techniques for aerosol microphysical characterization from multi-wavelength space-borne lidar and radiometric measurements	Proyecto	2/1/16	1/31/18

Actividades 0

Titulo actividad	Fuente	Tipo	Fecha

Colaboradores

- LUCAS ALADOS ARBOLEDAS (32)
- FRANCISCO JOSE OLMO REYES (25)
- HASSAN LYAMANI (21)
- FRANCISCO JESUS NAVAS GUZMAN (13)
- JUAN LUIS GUERRERO RASCADO (11)
- MARÍA JOSÉ GRANADOS MUÑOZ (7)
- ANTONIO VALENZUELA GUTIERREZ (5)
- JESÚS FERNÁNDEZ GÁLVEZ (4)
- JUAN ANTONIO BRAVO ARANDA (4)
- GLORIA TITOS VELA (2)
- INMACULADA ALADOS ARBOLEDAS (2)
- ARTURO GABRIEL QUIRANTES SIERRA (1)
- Pablo Ortiz Amezcua (1)