

# INMACULADA FOYO MORENO

Grupo de Investigación: FÍSICA DE LA ATMÓSFERA (Cod.: RNM119)

Departamento: Universidad de Granada. Física Aplicada

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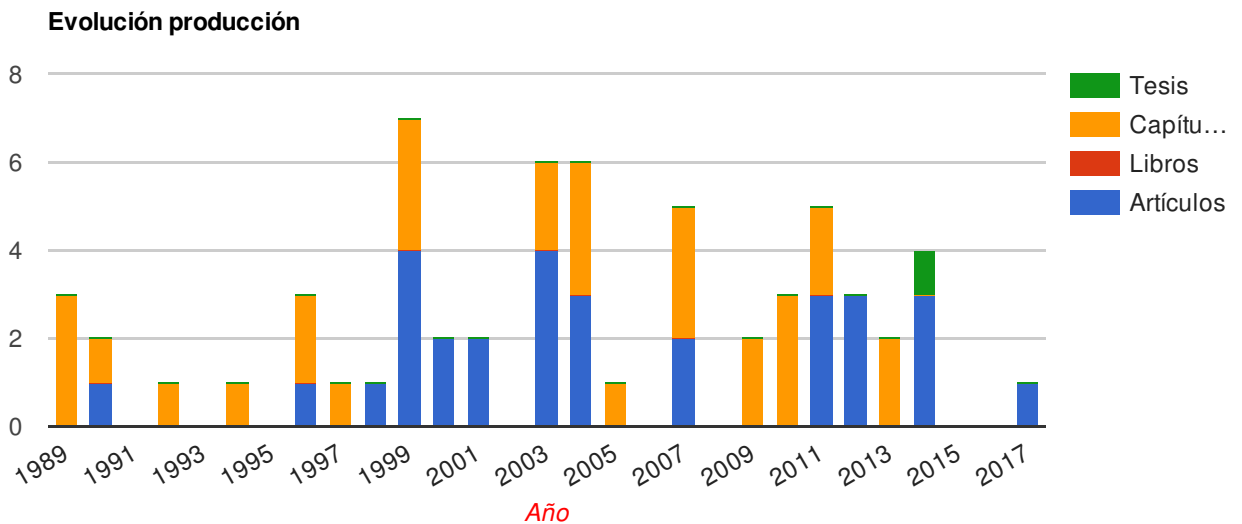
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Ficha del Directorio

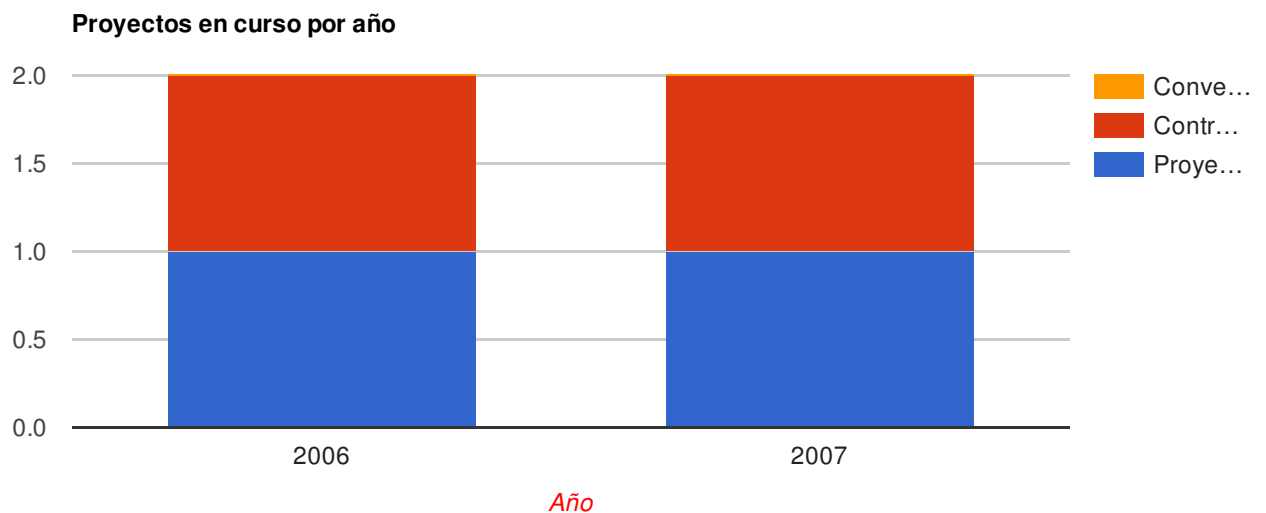
## Producción 61

Artículos (30) Libros (0) Capítulos de Libros (30) Tesis dirigidas (1)



## Proyectos dirigidos 2

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



## Actividades 0

| Titulo publicación  | Fuente  | Tipo              | Fecha |
|---|---|-------------------|-------|
| A new conventional regression model to estimate hourly photosynthetic photon flux density under all sky conditions  | International journal of climatology  | Articulo          | 2017  |
| Characterization of atmospheric aerosol particles using in-situ techniques: optical, chemical and hygroscopic properties  |   | Tesis doctoral    | 2014  |
| Estimating aerosol characteristics from solar irradiance measurements at an urban location in southeastern Spain  | Journal of geophysical research. d, atmospheres   | Articulo          | 2014  |
| Longwave aerosol radiative effects during an extreme desert dust event in southeastern Spain  | Atmospheric research  | Articulo          | 2014  |
| Study of the relative humidity dependence of aerosol light-scattering in southern Spain   | Tellus series b chemical and physical meteorology   | Articulo          | 2014  |
| Monitoring the daily evolution of the atmospheric aerosol in an urban environment by means of remote sensing and in-situ methodologies                          | Juan Antonio Morente Chiquero: in memoriam  | Capítulo de libro | 2013  |
| Towards a virtual framework for bilingual self-learning in subjects related to atmospheric physics for the degree in physics and environmental sciences         | Proceedings of edulearn13 conference  | Capítulo de libro | 2013  |
| Estimation downwelling longwave irradiance under all sky conditions   | International journal of climatology  | Articulo          | 2012  |
| Global and diffuse shortwave irradiance during a strong desert dust episode at Granada (Spain)  | Atmospheric research  | Articulo          | 2012  |
| Optical properties and chemical composition of aerosol particles at an urban location: an estimation of the aerosol mass scattering and absorption efficiencies | Journal of geophysical research   | Articulo          | 2012  |
| Aerosol chemical and optical properties in Granada: analysis of the aerosol mass scattering and absorption efficiencies.  | V reunión española de ciencia y tecnología de aerosoles   | Capítulo de libro | 2011  |
| Black carbon aerosols over an urban area in south-eastern Spain: changes detected after the 2008 economic crisis  | Atmospheric environment   | Articulo          | 2011  |
| Evaluation of the aerosol forcing efficiency in the UV erythemal range at Granada (Spain)   | Book of extended abstracts of V Reunión Española de Ciencia y Tecnología del Aerosol                  | Capítulo de libro | 2011  |
| Evaluation of the aerosol forcing efficiency in the UV erythemal range at Granada, Spain  | Journal of geophysical research   | Articulo          | 2011  |
| Short-term variability of experimental ultraviolet and total solar irradiance in southeastern Spain   | Atmospheric environment   | Articulo          | 2011  |
| Estimating absorption and scattering efficiencies for particulates PM <sub>10</sub> at an urban site  | Book of extended abstracts: IV Reunión Española de Ciencia y Tecnología de Aerosoles                  | Capítulo de libro | 2010  |
| Evaluation of two correction schemes of particle soot absorption photometer data  | Book of extended abstracts: IV Reunión Española de Ciencia y Tecnología de Aerosoles                  | Capítulo de libro | 2010  |
| Variability of aerosol properties in Málaga (Spain)   | Book of extended abstracts: IV Reunión Española de Ciencia y Tecnología de Aerosoles                  | Capítulo de libro | 2010  |
| Adapting the teaching of physics for environmental sciences to the educational framework of the XXI century   | International conference on education, research and innovation. ICERI                                 | Capítulo de libro | 2009  |
| Problemas con resolución por ordenador y experiencias de cátedra en la docencia virtual de fundamentos de Física I  | XXXII Bienal de la Real Sociedad Española de Física y 19º Encuentro Ibérico de Enseñanza de la Física | Capítulo de libro | 2009  |
| Adaptation of an empirical model for erythemal ultraviolet irradiance   | Annales geophysicae   | Articulo          | 2007  |

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|--|--|-------------------|------|
| Aula virtual de fundamentos de física i  | Xxxi reunión bienal de la real sociedad española de física. comunicaciones científicas | Capítulo de libro | 2007 |
| Estimacion del indice uv mediante un modelo empirico   | Xxxi reunión bienal de la real sociedad española de física. comunicaciones científicas | Capítulo de libro | 2007 |
| Estudio y estimacion de la irradiancia termica atmosferica para cielo despejado en zona semiarida                                | Xxxi reunión bienal de la real sociedad española de física. comunicaciones científicas | Capítulo de libro | 2007 |
| Neural network for the estimation of uv erythematol irradiance using solar broadband irradiance                                  | International journal of climatology   | Articulo          | 2007 |
| Columnar properties of the atmospheric aerosol during the indalo-2003 field campaign   | Abstract of the european aerosol conference (eac-2005)                                 | Capítulo de libro | 2005 |
| A comparison of the columnar aerosol physical parameters retrieved by different methods at indalo-2003                           | Journal of aerosol science   | Articulo          | 2004 |
| A preliminary intercomparison of aerosol optical depth from cimel-318 and mfr7 at indalo-2003                                    | 4ª asamblea hispano-portuguesa de geodesia y geofísica                                 | Capítulo de libro | 2004 |
| Albedo y reflectancia de la superficie en la campaña indalo-2003   | 4ª asamblea hispano-portuguesa de geodesia y geofísica                                 | Capítulo de libro | 2004 |
| Comparison of aerosol optical depth from multifilter rotating shadowband radiometer and robotic radiometer cimel ce-318          | Journal of aerosol science   | Articulo          | 2004 |
| Indalo 2003 field campaign   | Journal of aerosol science   | Articulo          | 2004 |
| Indalo-2003. presentación general de la campaña  | 4ª asamblea hispano-portuguesa de geodesia y geofísica                                 | Capítulo de libro | 2004 |
| Análisis de la transmitancia uv-b eritemática a partir de información meteorológica estándar                                     | Proceedings 3ª asamblea hispano-portuguesa de geodesia y geofísica                     | Capítulo de libro | 2003 |
| Monitoring atmospheric aerosol properties in an urban location by means of sunphotometry and sky radiance measurements           | Journal of the aerosol science. abstract of the european aerosol conference 2003       | Capítulo de libro | 2003 |
| Parameterizing uv erythematol irradiance under cloudy conditions   | Geophysical research abstracts   | Articulo          | 2003 |
| Relationship between net radiation and solar radiation for semi-arid shrub-land  | Agricultural and forest meteorology  | Articulo          | 2003 |
| The influence of cloudiness on uv global irradiance (295-385 nm)   | Agricultural and forest meteorology  | Articulo          | 2003 |
| The influence of clouds on surface uv erythematol irradiance   | Atmospheric research   | Articulo          | 2003 |
| On the use of a cloud modification factor for solar uv (290-385 nm) spectral range   | Theoretical and applied climatology  | Articulo          | 2001 |
| Performance reduction of solar irradiance parametric models due to limitations in required aerosol data: case of the cpcr2 model | Theoretical and applied climatology  | Articulo          | 2001 |
| Estimating solar ultraviolet irradiance (290-385 nm) by means of the spectral parametric models: spctral2 and smarts2            | Annales geophysicae  | Articulo          | 2000 |
| Estimation of photosynthetically active radiation under cloudy conditions  | Agricultural and forest meteorology  | Articulo          | 2000 |
| A simple all weather model to estimate ultraviolet solar radiation (290-385 nm)  | Journal of applied meteorology   | Articulo          | 1999 |
| Análisis comparativo de la distribución relativa de la radiancia y luminancia en el almucántar solar                             | I asamblea hispano-portuguesa de geodesia y geofísica                                  | Capítulo de libro | 1999 |
| Caracterización de la distribución angular de la radiancia del cielo nuboso en sabinal (almería)                                 | I asamblea hispano-portuguesa de geodesia y geofísica                                  | Capítulo de libro | 1999 |

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|---|---|-------------------|------|
| Estimación de la radiación solar global ultravioleta mediante imágenes meteosat   | Teledetección, avances y aplicaciones   | Capítulo de libro | 1999 |
| Performance validation of murac, a clear sky radiance model proposal, by means of skyscan 834 data set  | Energy  | Articulo          | 1999 |
| Prediction of global irradiance on inclined surfaces from horizontal global irradiance  | Energy  | Articulo          | 1999 |
| The european community cloudless sky radiance model. an evaluation by means of the skyscan&#039;834 data set                                      | Theoretical and applied climatology   | Articulo          | 1999 |
| Ground based ultraviolet (290-385 nm) and broadband solar radiation measurements in south-eastern spain   | International journal of climatology  | Articulo          | 1998 |
| Obtencion de la irradiancia global y de la irradiancia fotosinteticamente activa a partir de imagenes meteosat                                    | Teledeteccion aplicada a la gestion de recurso naturales y medio litoral marino | Capítulo de libro | 1997 |
| Contribución a la caracterización radiométrica de sierra nevada   | Sierra nevada: conservacion y desarrollo sostenible                             | Capítulo de libro | 1996 |
| Estudio de la influencia de la nubosidad en la radiancia del cielo en sierra nevada   | Sierra nevada: conservacion y desarrollo sostenible                             | Capítulo de libro | 1996 |
| Photosynthetically active radiation: measurements and modelling   | Agricultural and forest meteorology   | Articulo          | 1996 |
| Evaluation of microclimate solar radiation in specific areas  | Prediction of solar radiation in areas with a specific microclimate             | Capítulo de libro | 1994 |
| Parameterizing cloud radiation effects  | Irs&#039;92: current problems in atmospheric radiation                          | Capítulo de libro | 1992 |
| On the performance of the helios model for estimating the angular distribution of radiation fluxes  | Energy and the environment  | Capítulo de libro | 1990 |
| Verification of two models to prdict global radiation on a horizontal surface   | Solar & wind technology   | Articulo          | 1990 |
| Empirical correlations for global solar radiation   | Solar&#039;89. proceedings of the 1989 annual conference                        | Capítulo de libro | 1989 |
| Microscale distribution of global radiation, correlation between global radiation and meteorological parameteres and geographical characteristics | European solar microclimates. final report                                      | Capítulo de libro | 1989 |
| Preliminary results of a solar radiation network in a high mountain region  | Solar&#039;89. proceedings of the 1989 annual conference                        | Capítulo de libro | 1989 |

|   | <b>Título proyecto</b>   | <b>Tipo</b> | <b>Inicio</b> | <b>Fin</b> |
|---|--|-------------|---------------|------------|
| 1 | Problemas con resolución por ordenador y experiencias de cátedra en la docencia virtual de fundamentos de física i | Proyecto    | 9/12/06       | 9/12/07    |
| 2 | Contrato-programa para acciones de mejora de la titulación de ciencias ambientales                                 | Contrato    | 3/15/06       | 7/27/07    |

## Actividades 0

| <b>Título actividad</b> | <b>Fuente</b> | <b>Tipo</b> | <b>Fecha</b> |
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- HASSAN LYAMANI (19)
- INMACULADA ALADOS ARBOLEDAS (19)
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- YOLANDA CASTRO DÍEZ (10)
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