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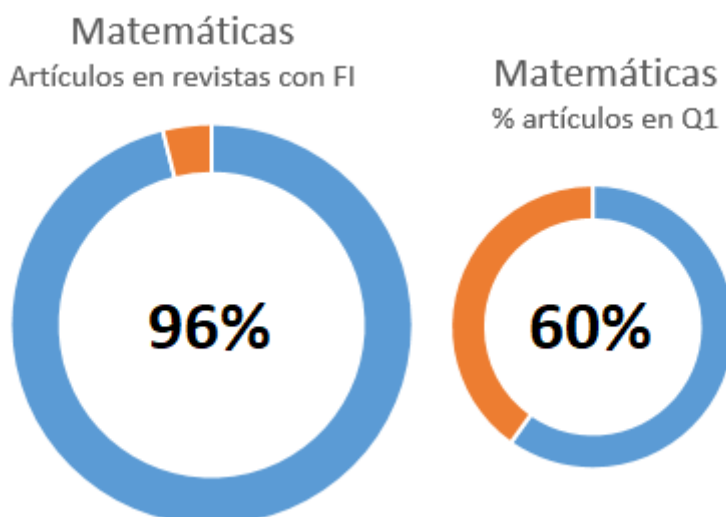
MEMORIA DE PUBLICACIONES 2017

MEMORIA DE PUBLICACIONES DEL DEPARTAMENTO DE MATEMÁTICAS 2017

La presente Memoria de Publicaciones 2017, elaborada por la Biblioteca de Ciencias, viene a dar cuenta de los resultados de la investigación realizada a lo largo de 2017 por los profesores e investigadores del Departamento de Matemáticas



El Departamento de Matemáticas, ha generado 117 publicaciones, de las que 102 son artículos científicos. De éstos, un total de 61 se han publicado en revistas del primer cuartil. Lo que supone una sustancial mejora (en %) respecto al año anterior, alcanzando el 59,80%. El número de publicaciones tanto desde el punto de vista global, como de artículos científicos, se ha incrementado considerablemente en el último año.



Departamento de Matemáticas						
	Total publicaciones	Nº Artículos	Q1	Porcentaje Q1	Otras publicaciones	Ratio Pub. /PDI PERMANENTE
DPTO 2017	117	102	61	59,80%	15	2,34
DPTO 2016	100	79	42	53,16%	21	1,82
Facultad 2017	1.267	1.104	807	73,10%	163	2,51
Facultad 2016	1.598	1.403	1.025	73,06%	195	3,12

Evolución publicaciones en Departamento	17,00%
Evolución publicaciones de la facultad	-20,71%

Hemos comprobado una importante modificación en los indicadores de calidad 2017 de muchas revistas, en la mayoría de los casos la modificación en el cuartil ha sido a la baja.

Dónde publica el Departamento

Se ha publicado en un total de 76 revistas

METODOLOGÍA

La presente Memoria de Publicaciones, extrae la información del Portal de Producción Científica de la UAM.

Tras un proceso de verificación y depuración se generó una primera versión y el 12 de marzo se remitió a los directores de los 16 departamentos para su revisión.

Se reciben propuestas de modificación de 12 de los 16 departamentos que, una vez validadas, se incorporan a la versión final, junto con las nuevas incorporaciones detectadas por la biblioteca.

Una vez finalizada la revisión, se analizan los datos relativos a indicios de calidad de las publicaciones incorporándose al presente documento.

Se incluyen tablas comparativas (2016-2017) de cada Departamento, tanto con sus resultados como con la media de la Facultad, en lo referente a: investigadores, publicaciones, artículos con factor de impacto, porcentaje de artículos publicados en revistas del primer cuartil y ratios de publicación.

FUENTES UTILIZADAS

- Para las publicaciones
 - Portal de Producción Científica de la UAM
 - Revisión facilitada por los Departamentos
 - Bases de datos: WoS, Scopus y Pubmed.
- Para los investigadores
 - Cifra de PDI permanente en la Facultad en octubre de 2017, desglosado por Departamentos, facilitada por la Vicedecana de Investigación y por el Vicedecano de Personal Docente e Investigador.
 - Portal de Producción Científica de la UAM, con datos procedentes de la base de datos HOMINIS
- Para los indicios de calidad.
 - Se utilizan los indicadores de factor de impacto de las publicaciones JCR y SJR (Scimago). Se acuerda utilizar el indicador del año anterior (2016) al de la memoria analizada, ya que los indicadores del año 2017 se publicarán a lo largo del verano 2018.

Artículos (102)

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5. Álvarez-Cónsul L., Garcia-Fernandez M. , García-Prada O. (2017). Gravitating vortices, cosmic strings and the Kähler-Yang-Mills equations. COMMUNICATIONS IN MATHEMATICAL PHYSICS 351, 361-385. DOI: 10.1007/s00220-016-2728-2
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7. Antolin Pichel, Yago; Ciobanu, Laura (2017). Formal conjugacy growth in acylindrically hyperbolic groups. INTERNATIONAL MATHEMATICS RESEARCH NOTICES, 2017(1), 121-157. DOI: 10.1093/imrn/rnw026
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14. Barba I; Miro-Casas E; Torrecilla J; Pladevall E; Tejedor S; Sebastián-Pérez R; Ruiz-

Meana M; Berrendero J; Cuevas Á; García-Dorado D(2017). High-fat diet induces metabolic changes and reduces oxidative stress in female mouse hearts. JOURNAL OF NUTRITIONA

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