

ENERO 2017

	Nº	FI	Grupo
ÁREA 1: INGENIERIA BIOMÉDICA			
▪ Aplicaciones tecnológicas avanzadas y salud humana	2	16,703	Desco M
▪ Arquitectura de computadores, comunicaciones y sistemas. ARCOS	2	3,912	Carretero Perez J
ÁREA 2: ENFERMEDADES CARDIOVASCULARES			
▪ Historia natural de la enfermedad cardiaca	5	14,998	Fernández-Avilés F
▪ Fisiopatología cardiovascular	1	5,117	Cachafeiro V
▪ Electrofisiología cardiaca celular	1	9,423	Delpón E
▪ Lípidos sanguíneos y riesgo cardiovascular	1	2,591	Alvarez-Sala Walther LA
ÁREA 3: NEUROCIENCIA Y SALUD MENTAL			
▪ Bases neurobiológicas y psicológicas de los trastornos mentales. Trastornos del neurodesarrollo	2	8,995	Arango C
ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA			
▪ Enfermedades infecciosas	3	5,811	Bouza E
▪ Aspectos clínicos y epidemiológicos del VIH y condiciones asociadas	2	5,570	Berenguer J
ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE			
▪ Fisiopatología e investigación clínica de las enfermedades de base inmunológica e inflamatoria crónicas	2	13,251	Fernández-Cruz E
▪ Biología molecular del VIH	5	24,825	Muñoz-Fernandez MA
▪ Enfermedades sistémicas de base autoinmune	3	11,693	Monteagudo I
▪ Infecciones en la población pediátrica	3	11,213	Navarro ML
▪ Enfermedades alérgicas en la edad pediátrica	1	2,424	Zapatero L
ÁREA 6: ONCOLOGÍA TRASLACIONAL			
▪ Oncología médica traslacional y terapia individualizada del cáncer	8	24,232	Martín M
▪ Genética y clínica de las neoplasias hematológicas y el trasplante hematopoyético	2	7,664	Díez JL/Buño I
ÁREA 7: PATOLOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS			
▪ Inflamación y daño vascular en la Enfermedad Renal Crónica, Diálisis y Trasplante Renal. Fisiopatología renal	2	5,121	Luño J
▪ Fisiopatología e historia natural de las enfermedades hepáticas y gastroenterológicas	1	5,091	Bañares R
▪ Patología del niño críticamente enfermo	3	5,761	López-Herce J
▪ Laboratorio de circulación artificial	1	4,702	del Cañizo JF
▪ Farmacia Hospitalaria y Farmacogenómica	2	3,123	Sanjurjo M
▪ Farmacología y fisiopatología vascular	1	3,168	Pérez-Vizcaino F
▪ Aspectos fisiológicos y terapéuticos médico-quirúrgicos de las enfermedades respiratorias	1	2,710	Puente L/Garutti I
Servicios de Apoyo a la Investigación			
▪ Servicios de Apoyo a la Investigación	1	1,267	SAI
INVESTIGADORES CLÍNICOS ASOCIADOS			
▪ Investigadores Clínicos Asociados	6	9,463	Inv. Clínicos Asociados

Año Index	Mes Index	AÑO Publicación	FI	Nº Pub. con FI	Pub. 1º Q	Pub. 1º D
2017	1	2016	140,24	41	16	6
2017	1	2017	50,47	11	9	4
			190,7	52	25	10

ÁREA 1: INGENIERIA BIOMÉDICA

■ *Aplicaciones tecnológicas avanzadas y salud humana*

- **Ozga AJ; Moalli F; Abe J; Swoger J; Sharpe J; Zehn D; Kreuzfeldt M; Merkler D; Ripoll J; Stein JV**
pMHC affinity controls duration of CD8(+) T cell-DC interactions and imprints timing of effector differentiation versus expansion
JOURNAL OF EXPERIMENTAL MEDICINE. 2016; 213(12) 2811-2829. (Article. FI: 11,24. Cuartil: 1).
- **Moradi E; Khundrakpam B; Lewis JD; Evans AC; Tohka J**
Predicting symptom severity in autism spectrum disorder based on cortical thickness measures in agglomerative data
NEUROIMAGE. 2017; 144. 128-141. (Article. FI: 5,463. Cuartil: 1).

■ *Arquitectura de computadores, comunicaciones y sistemas. ARCOS*

- **Stavrinides GL; Duro FR; Karatza HD; Blas JG; Carretero J**
Different aspects of workflow scheduling in large-scale distributed systems
SIMULATION MODELLING PRACTICE AND THEORY. 2017; 70. 120-134. (Article. FI: 1,482. Cuartil: 1).
- **Gesing S; Carretero J; Blas JG; Montagnat J**
Boosting analyses in the life sciences via clusters, grids and clouds Preface
FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE. 2017; 67. 325-328. (Editorial Material. FI: 2,43. Cuartil: 1).

ÁREA 2: ENFERMEDADES CARDIOVASCULARES

■ *Historia natural de la enfermedad cardiaca*

- **Liberos A; Bueno-Orovio A; Rodrigo M; Ravens U; Hernandez-Romero I; Fernandez-Aviles F; Guillem MS; Rodriguez B; Climent AM**
Balance between sodium and calcium currents underlying chronic atrial fibrillation termination: An in silico intersubject variability study
HEART RHYTHM. 2016; 13(12) 2358-2365. (Article. FI: 4,391. Cuartil: 1).
- **Mourino-Alvarez L; Baldan-Martin M; Gonzalez-Calero L; Martinez-Laborde C; Sastre-Oliva T; Moreno-Luna R; Lopez-Almodovar LF; Sanchez PL; Fernandez-Aviles F; Vivanco F; Padial LR; Akerstrom F; Alvarez-Llomas G; de la Cuesta F; Barderas MG**
Patients with calcific aortic stenosis exhibit systemic molecular evidence of ischemia, enhanced coagulation, oxidative stress and impaired cholesterol transport
INTERNATIONAL JOURNAL OF CARDIOLOGY. 2016; 225. 99-106. (Article. FI: 4,638. Cuartil: 1).
- **Manrique-Rodriguez S; de la Rubia-Nieto A; Garcia-Robles JA; Goicoechea-Diezhandino M; Gimeno-Blanes JA; Pernia-Lopez MS; Pellicer-Franco C; Sanjurjo-Saez M**
Individualized therapy in patients with Fabry disease: is it a feasible strategy for rare diseases?
EXPERT OPINION ON ORPHAN DRUGS. 2016; 4(12) 1199-1206. (Article. FI: 0,464. Cuartil: 4).
- **Li X; Sousa-Casasnovas I; Devesa C; Juarez M; Fernandez-Aviles F; Martinez-Selles M**
Predictors of in-hospital mortality among cardiogenic shock patients. Prognostic and therapeutic implications
INTERNATIONAL JOURNAL OF CARDIOLOGY. 2016; 224. 114-118. (Article. FI: 4,638. Cuartil: 1).
- **Carbone J; Gallego A; Yanez JF; Sousa I; Sarmiento E**
Potential Immunomodulatory Role of Specific Anticytomegalovirus Intravenous Immunoglobulin in Heart Recipients
TRANSPLANTATION PROCEEDINGS. 2016; 48(9) 3027-3029. (Article. FI: 0,867. Cuartil: 3).

■ *Fisiopatología cardiovascular*

- **Sadaba JR; Martinez-Martinez E; Arrieta V; Alvarez V; Fernandez-Celis A; Ibarrola J; Melero A; Rossignol P; Cachofeiro V; Lopez-Andres N**
Role for Galectin-3 in Calcific Aortic Valve Stenosis
JOURNAL OF THE AMERICAN HEART ASSOCIATION. 2016; 5(11). (Article. FI: 5,117. Cuartil: 1).

■ *Electrofisiología cardiaca celular*

- **Rivera-Torres J; Calvo CJ; Llach A; Guzman-Martinez G; Caballero R; Gonzalez-Gomez C; Jimenez-Borreguero LJ; Guadix JA; Osorio FG; Lopez-Otin C; Herraiz-Martinez A; Cabello N; Vallmitjana A; Benitez R; Gordon LB; Jalife J; Perez-Pomares JM; Tamargo J; Delpon E; Hove-Madsen L; Filgueiras-Rama D; Andres V**
Cardiac electrical defects in progeroid mice and Hutchinson-Gilford progeria syndrome patients with nuclear lamina alterations
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA. 2016; 113(46) E7250-E7259. (Article. FI: 9,423. Cuartil: 1).

■ *Lípidos sanguíneos y riesgo cardiovascular*

- **Demelo-Rodriguez P; Galan-Carrillo I; del Toro-Cervera J**
Purple urine bag syndrome
EUROPEAN JOURNAL OF INTERNAL MEDICINE. 2016; 35. E3-E4. (Editorial Material. FI: 2,591. Cuartil: 1).

ÁREA 3: NEUROCIENCIA Y SALUD MENTAL

■ *Bases neurobiológicas y psicológicas de los trastornos mentales. Trastornos del neurodesarrollo*

- **Flamarique I; Santosh P; Zuddas A; Arango C; Purper-Ouakil D; Hoekstra PJ; Coghill D; Schulze U; Dittmann RW; Buitelaar JK; Lievesley K; Frongia R; Llorente C; Mendez I; Sala R; Fiori F; Castro-Fornieles J**
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BMC PEDIATRICS. 2016; 16. (Article. FI: 1,813. Cuartil: 2).
- **Sugranyes G; Sole-Padullés C; de la Serna E; Borrás R; Romero S; Sanchez-Gistau V; Garcia-Rizo C; Goikolea JM; Bargallo N; Moreno D; Baeza I; Castro-Fornieles J**
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JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY. 2017; 56(1) 79-88. (Article. FI: 7,182. Cuartil: 1).

ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA

■ *Enfermedades infecciosas*

- **de Cueto-Lopez M; del Pozo-Leon JL; de Luna FFA; Marin-Arriaza M**
Microbiological diagnosis of medical device-associated infections
ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2016; 34(10) 655-660. (Review. FI: 1,53. Cuartil: 3).
- **Alonso B; Lucio J; Perez-Granda MJ; Cruces R; Sanchez-Carrillo C; Bouza E; Guembe M**
Does biomass production correlate with metabolic activity in Staphylococcus aureus?
JOURNAL OF MICROBIOLOGICAL METHODS. 2016; 131. 110-112. (Article. FI: 1,857. Cuartil: 3).
- **Rodriguez-Sanchez B; Alcala L; Marin M; Ruiz A; Alonso E; Bouza E**
Evaluation of MALDI-TOF MS (Matrix-Assisted Laser Desorption-Ionization Time-of-Flight Mass Spectrometry) for routine identification of anaerobic bacteria
ANAEROBE. 2016; 42. 101-107. (Article. FI: 2,424. Cuartil: 3).

■ *Aspectos clínicos y epidemiológicos del VIH y condiciones asociadas*

- **Bouteloup V; Sabin C; Mocroft A; Gras L; Pantazis N; Le Moing V; d'Arminio Monforte A; Mary-Krause M; Roca B; Miro J; Battegay M; Brockmeyer N; Berenguer J; Morlat P; Obel N; De Wit S; Fatkenheuer G; Zangerle R; Ghosn J; Perez-Hoyos S; Campbell M; Prins M; Chene G; Meyer L; Dorrucchi M; Torti C; Thiebaut R**
Reference curves for CD4 T-cell count response to combination antiretroviral therapy in HIV-1-infected treatment-naive patients
HIV MEDICINE. 2017; 18(1) 33-44. (Article. FI: 3,341. Cuartil: 2).
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INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES. 2016; 53. 46-51. (Article. FI: 2,229. Cuartil: 3).

ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE

■ *Fisiopatología e investigación clínica de las enfermedades de base inmunológica e inflamatoria crónicas*

- **Carbone J; Gallego A; Yanez JF; Sousa I; Sarmiento E**
Potential Immunomodulatory Role of Specific Anticytomegalovirus Intravenous Immunoglobulin in Heart Recipients
TRANSPLANTATION PROCEEDINGS. 2016; 48(9) 3027-3029. (Article. FI: 0,867. Cuartil: 3).
- **Municio C; Palacios BS; Estrada-Capetillo L; Benguria A; Dopazo A; Garcia-Lorenzo E; Fernandez-Arroyo S; Joven J; Miranda-Carus ME; Gonzalez-Alvaro I; Puig-Kroger A**
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ANNALS OF THE RHEUMATIC DISEASES. 2016; 75(12) 2157-2165. (Article. FI: 12,384. Cuartil: 1).

■ *Biología molecular del VIH*

- **Fernandez-Cooke E; Rojas P; Holguin A; Tome MIG; de Ory SJ; Mellado MJ; Navarro ML; Rojo P; Ramos JT**
Description and consequences of prescribing off-label antiretrovirals in the Madrid Cohort of HIV-infected children over a quarter of a century (1988-2012)
ANTIVIRAL THERAPY. 2016; 21(1) 65-70. (Article. FI: 2,916. Cuartil: 2).
- **Sepulveda-Crespo D; Cena-Diez R; Jimenez JL; Munoz-Fernandez MA**
Mechanistic Studies of Viral Entry: An Overview of Dendrimer-Based Microbicides As Entry Inhibitors Against Both HIV and HSV-2 Overlapped Infections
MEDICINAL RESEARCH REVIEWS. 2017; 37(1) 149-179. (Article. FI: 9,135. Cuartil: 1).
- **Mateos J; Carneiro I; Corrales F; Elortza F; Paradela A; del Pino MS; Iloro I; Marcilla M; Mora MI; Valero L; Ciordia S; Fernandez V; Fortuno MA; Garcia-Sanchez I; Martinez R; Munoz MA; Rodriguez C; Domenech N**
Multicentric study of the effect of pre-analytical variables in the quality of plasma samples stored in biobanks using different complementary proteomic methods
JOURNAL OF PROTEOMICS. 2017; 150. 109-120. (Article. FI: 3,867. Cuartil: 1).
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Coinfection with HIV and hepatitis C virus in 229 children and young adults living in Europe
AIDS. 2017; 31(1) 127-135. (Article. FI: 4,407. Cuartil: 1).
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BIOCONJUGATE CHEMISTRY. 2016; 27(12) 2844-2849. (Article. FI: 4,5. Cuartil: 1).

■ *Enfermedades sistémicas de base autoinmune*

- **Rua-Figueroa I; Castro MF; Andreu JL; Sanchez-Piedra C; Martinez-Taboada V; Olive A; Lopez-Longo J; Rosas J; Galindo M; Calvo-Alen J; Fernandez-Nebro A; Alonso F; Rodriguez-Lozano B; Vadillo JAG; Menor R; Narvaez FJ; Earausquin C; Garcia-Aparicio A; Tomero E; Manrique-Arija S; Horcada L; Uriarte E; Gil S; Blanco R; Lopez-Gonzalez R; Boteanu A; Freire M; Galisteo C; Rodriguez-Gomez M; Diez-Alvarez E; Pego-Reigosa JM**
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ARTHRITIS CARE & RESEARCH. 2017; 69(1) 38-45. (Article. FI: 3,229. Cuartil: 2).
- **Damjanov N; Milic V; Nieto-Gonzalez JC; Janta I; Martinez-Estupinan L; Serrano B; Mata C; Montoro M; Stanciu D; Marinkovic-Eric J; Lopez-Longo FJ; Carreno L; Naredo E**
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Influence of coronary artery disease and subclinical atherosclerosis related polymorphisms on the risk of atherosclerosis in rheumatoid arthritis
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■ **Infecciones en la población pediátrica**

- Thorne C; Turkova A; Indolfi G; Venturini E; Giaquinto C; Goetghebuer T; Hainaut M; Van der Kelen E; Konigs C; Mantzsch K; Baumann U; de Martino M; Galli L; Giacomet V; Nicolini LA; Del Puente F; Gabiano C; Guarino A; Martinazzi S; Miniaci A; Dobsz S; Marczyńska M; Ene L; Duiculescu D; Miloenko M; Dodonov K; Latysheva I; Voronin E; Rojo P; Ramos JT; Navarro M; de Ory SJ; Sainz T; Mellado MJ; Garcia M; Perez C; Moreno D; Nunez E; Gracia M; Terol P; Neth O; Falcon L; Otero C; Rincon E; Lopez C; Santos JL; Couceiro J; Noguera-Julian A; Fortuny C; Soler-Palacin P; Espiau M; Mur A; Coll MT; Valmanya MT; Mayol L; Mendez MJ; Rodrigo C; Escribano J; Rius N; Rovira N; Calavia O; Garcia L; Pineda V; Soriano-Aranda A; Rudin C; Duppenhaler A; Judd A; Malyuta R; Volokha A; Raus I; Kaleeva T; Baryshnikova Y; Soloha S; Bashkatova N; Glutshenko O; Ruban Z; Primak N; Kiseleva G
Coinfection with HIV and hepatitis C virus in 229 children and young adults living in Europe
AIDS. 2017; 31(1) 127-135. (Article. FI: 4,407. Cuartil: 1).
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JOURNAL OF PEDIATRICS. 2016; 179. 7-9. (Editorial Material. FI: 3,89. Cuartil: 1).
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Description and consequences of prescribing off-label antiretrovirals in the Madrid Cohort of HIV-infected children over a quarter of a century (1988-2012)
ANTIVIRAL THERAPY. 2016; 21(1) 65-70. (Article. FI: 2,916. Cuartil: 2).

■ **Enfermedades alérgicas en la edad pediátrica**

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Evaluation of MALDI-TOF MS (Matrix-Assisted Laser Desorption-Ionization Time-of-Flight Mass Spectrometry) for routine identification of anaerobic bacteria
ANAEROBE. 2016; 42. 101-107. (Article. FI: 2,424. Cuartil: 3).

ÁREA 6: ONCOLOGÍA TRASLACIONAL

■ **Oncología médica traslacional y terapia individualizada del cáncer**

- Obermannova R; Van Cutsem E; Yoshino T; Bodoky G; Prausova J; Garcia-Carbonero R; Ciuleanu T; Alfonso PG; Portnoy D; Cohn A; Yamazaki K; Clingan P; Lonardi S; Kim TW; Yang L; Nasroulah F; Tabertero J
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BREAST. 2016; 30. 1-4. (Article. FI: 2,74. Cuartil: 1).
- Lopez-Pousa A; Broto JM; Trufero JM; Sevilla I; Valverde C; Alvarez R; Alvarez JAC; Jurado JC; Hindi N; del Muro XG
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SEOM Clinical Guideline update for the prevention of chemotherapy-induced nausea and vomiting (2016)
CLINICAL & TRANSLATIONAL ONCOLOGY. 2016; 18(12) 1237-1242. (Article. FI: 2,075. Cuartil: 3).

■ **Genética y clínica de las neoplasias hematológicas y el trasplante hematopoyético**

- Yazer MH; Lozano M; Crighton G; Greenway A; Comande M; Savoia H; Wood E; Gilli S; Castilho L; Saad STO; Galacteros F; Noizat-Pirenne F; Pazgal I; Stark P; Orlin Y; Perseghin P; Masera N; Cela E; Anguita J; Wikman A; Delaney M
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VOX SANGUINIS. 2016; 110(3) 288. (Article. FI: 2,656. Cuartil: 3).
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ÁREA 7: PATOLOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS

- **Inflamación y daño vascular en la Enfermedad Renal Crónica, Diálisis y Trasplante Renal. Fisiopatología renal**
 - **Manrique-Rodríguez S; de la Rubia-Nieto A; García-Robles JA; Goicoechea-Diezhandino M; Gimeno-Blanes JA; Pernia-Lopez MS; Pellicer-Franco C; Sanjurjo-Saez M**
Individualized therapy in patients with Fabry disease: is it a feasible strategy for rare diseases?
EXPERT OPINION ON ORPHAN DRUGS. 2016; 4(12) 1199-1206. (Article. FI: 0,464. Cuartil: 4).
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Asymptomatic Intradialytic Supraventricular Arrhythmias and Adverse Outcomes in Patients on Hemodialysis
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- **Fisiopatología e historia natural de las enfermedades hepáticas y gastroenterológicas**
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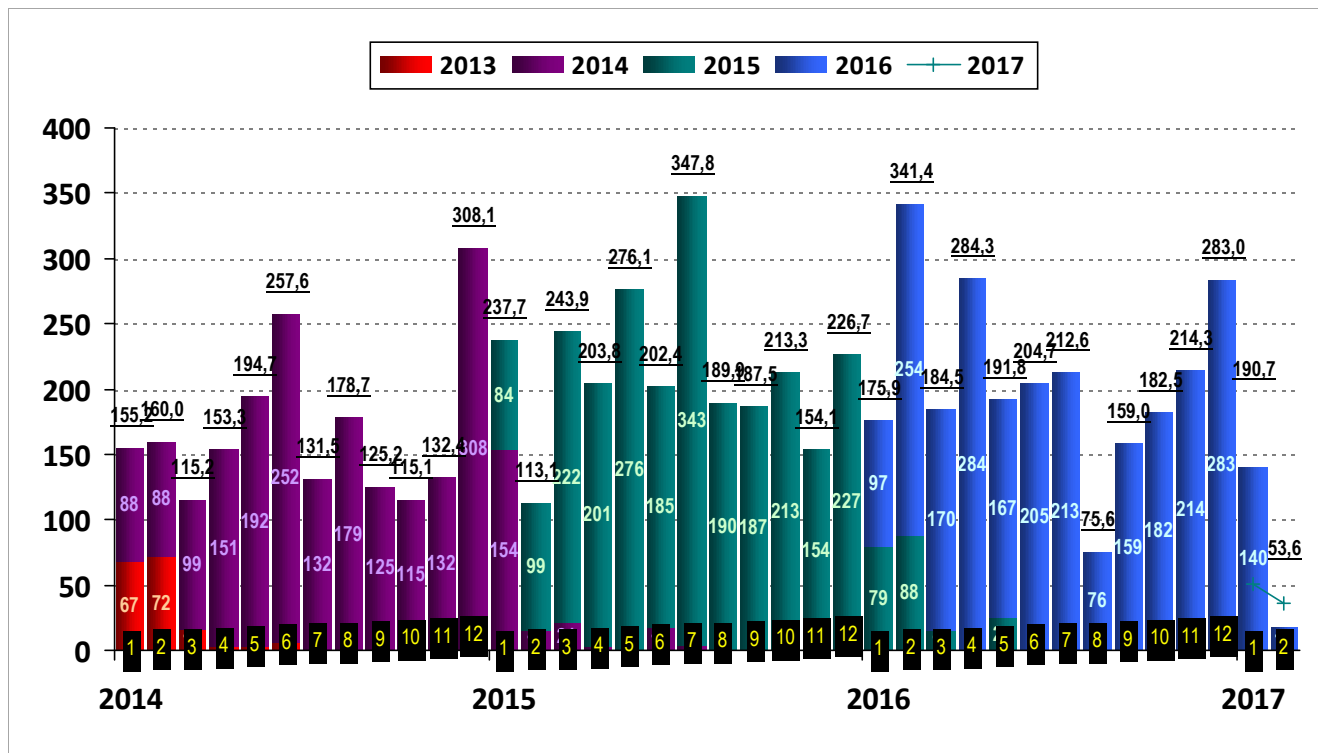
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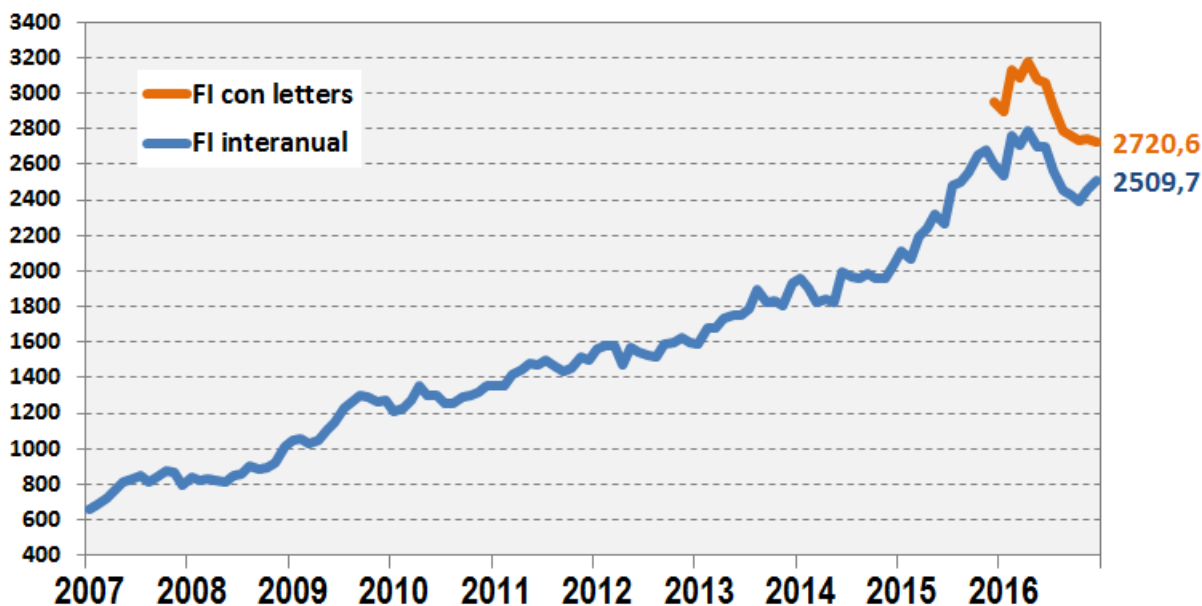
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Factor de Impacto IiSGM



Factor de Impacto interanual



* Los datos de Factor de Impacto de 2016 han sido calculados con el de 2015, último publicado

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Área	Nº	FI	FI medio
ÁREA 1: INGENIERIA BIOMÉDICA	3	9,38	3,13
ÁREA 3: NEUROCIENCIA Y SALUD MENTAL	3	17,68	5,89
ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA	3	22,79	7,60
ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE	5	25,87	5,17
ÁREA 6: ONCOLOGÍA TRASLACIONAL	2	6,04	3,02
ÁREA 7: PATOLOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS	1	4,70	4,70

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