

	Nº	FI	Grupo
ÁREA 1: INGENIERIA BIOMÉDICA			
▪ Tratamiento de la señal	3	7,732	Artés Rodríguez A
▪ Arquitectura de computadores, comunicaciones y sistemas. ARCOS	1	0,997	Carretero Perez J
▪ Aplicaciones tecnológicas avanzadas y salud humana	1	3,245	Desco M
ÁREA 2: ENFERMEDADES CARDIOVASCULARES			
▪ Historia natural de la enfermedad cardiaca	4	28,003	Fernández-Avilés F
▪ Enfermedad cerebrovascular aguda. Ictus	1	4,055	Gil Nuñez A
▪ Cardiología y trasplante cardiaco infantil	1	1,535	Medrano C
ÁREA 3: NEUROCIENCIA Y SALUD MENTAL			
▪ Bases neurobiológicas y psicológicas de los trastornos mentales. Trastornos del neurodesarrollo	4	27,544	Arango C
ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA			
▪ Aspectos clínicos y epidemiológicos del VIH y condiciones asociadas	4	19,655	Berenguer J
▪ Enfermedades infecciosas	11	88,900	Bouza E
ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE			
▪ Enfermedades sistémicas de base autoinmune	3	15,825	Carreño L
▪ Regulación y Homeostasis Inmune en Patologías relacionadas con el Sistema Inmunológico	1	3,234	Correa R
▪ Biología molecular del VIH	4	16,437	Muñoz-Fernandez MA
▪ Infecciones en la población pediátrica	3	9,821	Navarro ML
ÁREA 6: ONCOLOGÍA TRASLACIONAL			
▪ Oncología interdisciplinar y bio-tecnológica	2	17,139	Calvo F
▪ Oncología y Hematología en la edad pediátrica	1	2,095	Cela E
▪ Genética y clínica de las neoplasias hematológicas y el trasplante hematopoyético	6	25,358	Díez JL
▪ Oncología médica traslacional y terapia individualizada del cáncer	6	17,752	Martín M
ÁREA 7: PATOLOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS			
▪ Fisiopatología e historia natural de las enfermedades hepáticas y gastroenterológicas	1	5,727	Bañares R
▪ Fisiopatología, evolución y estrategias terapéuticas en la insuficiencia respiratoria crónica y trastornos respiratorios del sueño	1	1,557	de Lucas P
▪ Nutrición Clínica	1	2,709	García Peris P
▪ Anestesia en cirugía de tórax	1	6,312	Garutti I
▪ Inflamación y daño vascular en la Enfermedad Renal Crónica, Diálisis y Trasplante Renal. Fisiopatología renal	1	5,578	Luño J
▪ Medicina de emergencias	1	4,441	Muñoz González J
▪ Farmacología y fisiopatología vascular	1	4,720	Pérez-Vizcaíno, F
▪ Evaluación de servicios de salud y epidemiología clínica	1	5,723	Pla R
▪ Fisiopatología y clínica de la EPOC	1	16,503	Puente L
▪ Farmacia Hospitalaria y Farmacogenómica	2	3,337	Sanjurjo M
PERSONAL TÉCNICO IISGM			
▪ Personal Técnico IISGM	1	3,234	Personal Técnico IISGM
ACTIVIDAD INVESTIGADORA DEL HGUGM NO ADSCRITA A LOS GRUPOS DE INVESTIGACIÓN			
▪ No adscrita a grupos estables	8	27,463	SIN GRUPO

Año Index	Mes Index	AÑO Publicación	FI	Nº Pub. con FI	Pub. 1º Q	Pub. 1º D
2016	2	2015	99,44	26	13	9
2016	2	2016	245,32	41	26	12
			344,8	67	39	21

ÁREA 1: INGENIERIA BIOMÉDICA

■ *Aplicaciones tecnológicas avanzadas y salud humana*

- **Pineda-Pardo JA; Martínez K; Roman FJ; Colom R**
Structural efficiency within a parieto-frontal network and cognitive differences
INTELLIGENCE. 2016; 54. 105-116. FI: 3,245. Cuartil: 1.

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

- **Serrano E; Blas JG; Carretero J**
A comparative study of an X-ray tomography reconstruction algorithm in accelerated and cloud computing systems
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE. 2015; 27(18) 5538-5556. FI: 0,997. Cuartil: 2.

■ *Tratamiento de la señal*

- **Pradier MF; Ruiz FJR; Perez-Cruz F**
Prior Design for Dependent Dirichlet Processes: An Application to Marathon Modeling
PLOS ONE. 2016; 11(1). FI: 3,234. Cuartil: 1.
- **Stinner M; Olmos PM**
On the Waterfall Performance of Finite-Length SC-LDPC Codes Constructed From Protographs
IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS. 2016; 34(2) 345-361. FI: 3,453. Cuartil: 1.
- **Guzman BG; Serrano AL; Jimenez VPG**
Cooperative Optical Wireless Transmission for Improving Performance in Indoor Scenarios for Visible Light Communications
IEEE TRANSACTIONS ON CONSUMER ELECTRONICS. 2015; 61(4) 393-401. FI: 1,045. Cuartil: 2.

ÁREA 2: ENFERMEDADES CARDIOVASCULARES

■ *Historia natural de la enfermedad cardiaca*

- **Martinez-Selles M; Perez-David E; Yotti R; Jimenez-Borreguero J; Loughlin G; Gallego L; Ayesta A; Olivera MJ; Bermejo J; Fernandez-Aviles F**
Gender differences in right ventricular function in patients with non-ischaemic cardiomyopathy
NETHERLANDS HEART JOURNAL. 2015; 23(12) 578-584. FI: 1,837. Cuartil: 3.
- **Del Trigo M; Munoz-Garcia AJ; Wijeyesundera HC; Nombela-Franco L; Cheema AN; Gutierrez E; Serra V; Kefer J; Amat-Santos IJ; Benitez LM; Mewa J; Jimenez-Quevedo P; Alnasser S; del Blanco BG; Dager A; Altisent OAJ; Puri R; Campelo-Parada F; Dahou A; Paradis JM; Dumont E; Pibarot P; Rodes-Cabau J**
Incidence, Timing, and Predictors of Valve Hemodynamic Deterioration After Transcatheter Aortic Valve Replacement Multicenter Registry
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2016; 67(6) 644-655. FI: 16,503. Cuartil: 1.
- **Sambola A; Mutuberria M; del Blanco BG; Alonso A; Barrabes JA; Alfonso F; Bueno H; Cequier A; Zueco J; Rodriguez-Leor O; Bosch E; Tornos P; Garcia-Dorado D**
Effects of Triple Therapy in Patients With Non-Valvular Atrial Fibrillation Undergoing Percutaneous Coronary Intervention Regarding Thromboembolic Risk Stratification
CIRCULATION JOURNAL. 2016; 80(2) 354-362. FI: 3,94. Cuartil: 1.
- **Munoz P; Kestler M; De Alarcon A; Miro JM; Bermejo J; Rodriguez-Abella H; Farinas MC; Belaustegui MC; Mestres C; Llinares P; Goenaga M; Navas E; Oteo JA; Tarabini P; Bouza E**
Current Epidemiology and Outcome of Infective Endocarditis A Multicenter, Prospective, Cohort Study
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■ *Cardiología y trasplante cardiaco infantil*

- **Bravo C; Gamez F; Perez R; Alvarez T; De Leon-Luis J**
Fetal Aortic Arch Anomalies Key Sonographic Views for Their Differential Diagnosis and Clinical Implications Using the Cardiovascular System Sonographic Evaluation Protocol
JOURNAL OF ULTRASOUND IN MEDICINE. 2016; 32(2) 237-251. FI: 1,535. Cuartil: 2.

■ *Enfermedad cerebrovascular aguda. Ictus*

- **de Lecinana MA; Fuentes B; Ximenez-Carrillo A; Vivancos J; Masjuan J; Gil-Nunez A; Martinez-Sanchez P; Zapata-Wainberg G; Cruz-Culebras A; Garcia-Pastor A; Diaz-Otero E; Fandino E; Frutos R; Caniego JL; Mendez JC; Fernandez-Prieto A; Barcena-Ruiz E; Diez-Tejedor E**
A collaborative system for endovascular treatment of acute ischaemic stroke: the Madrid Stroke Network experience
EUROPEAN JOURNAL OF NEUROLOGY. 2016; 23(2) 297-303. FI: 4,055. Cuartil: 1.

ÁREA 3: NEUROCIENCIA Y SALUD MENTAL

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

- **Bonnin CM; Torrent C; Arango C; Amann BL; Sole B; Gonzalez-Pinto A; Crespo JM; Tabares-Seisdedos R; Reinares M; Ayuso-Mateos JL; Garcia-Portilla MP; Ibanez A; Salameo M; Vieta E; Martinez-Aran A**
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- **Fusar-Poli P; Diaz-Caneja CM; Patel R; Valmaggia L; Byrne M; Garety P; Shetty H; Broadbent M; Stewart R; McGuire P**
Services for people at high risk improve outcomes in patients with first episode psychosis
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- **Martinez-Cengotitabengoa M; MacDowell KS; Alberich S; Diaz FJ; Garcia-Bueno B; Rodriguez-Jimenez R; Bioque M; Berrocoso E; Parellada M; Lobo A; Saiz PA; Matute C; Bernardo M; Gonzalez-Pinto A; Leza JC**
BDNF and NGF Signalling in Early Phases of Psychosis: Relationship With Inflammation and Response to Antipsychotics After 1 Year
SCHIZOPHRENIA BULLETIN. 2016; 42(1) 142-151. FI: 8,45. Cuartil: 1.

ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA

■ **Enfermedades infecciosas**

- **Bunsow E; Gonzalez-Del Vecchio M; Sanchez C; Munoz P; Burillo A; Bouza E**
Improved Sepsis Alert With a Telephone Call From the Clinical Microbiology Laboratory A Clinical Trial
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 - **Cunha BA; Burillo A; Bouza E**
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 - **San-Juan R; Navarro D; Garcia-Reyena A; Montejo M; Munoz P; Carratala J; Len O; Fortun J; Munoz-Cobo B; Gimenez E; Eworo A; Sabe N; Meije Y; Martin-Davila P; Andres A; Delgado J; Jimenez C; Amat P; Fernandez-Ruiz M; Lopez-Medrano F; Lumbreras C; Aguado JM**
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 - **Perez-Granda MJ; Guembe M; Cruces R; Barrio JM; Bouza E**
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CRITICAL CARE. 2016; 20. FI: 4,476. Cuartil: 1.
 - **Munoz P; Kestler M; De Alarcon A; Miro JM; Bermejo J; Rodriguez-Abella H; Farinas MC; Belaustegui MC; Mestres C; Llinares P; Goenaga M; Navas E; Oteo JA; Tarabini P; Bouza E**
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 - **Reigadas E; Alcalá L; Marin M; Martin A; Iglesias C; Bouza E**
Role of binary toxin in the outcome of Clostridium difficile infection in a non-027 ribotype setting
EPIDEMIOLOGY AND INFECTION. 2016; 144(2) 268-273. FI: 2,535. Cuartil: 2.
 - **Espinel-Ingroff A; Colombo AL; Cordoba S; Dufresne PJ; Fuller J; Ghannoum M; Gonzalez GM; Guarro J; Kidd SE; Meis JF; Melhem TMSC; Pelaez T; Pfaller MA; Szesz MW; Takahaschi JP; Tortorano AM; Wiederhold NP; Turnidge J**
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 - **de Egea V; Munoz P; Valerio M; de Alarcon A; Lepe JA; Miro JM; Galvez-Acebal J; Garcia-Pavia P; Navas E; Goenaga MA; Farinas MC; Vazquez EG; Marin M; Bouza E**
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MEDICINE. 2015; 94(39). FI: 5,723. Cuartil: 1.
 - **Martinez-Jimenez MC; Munoz P; Valerio M; Vena A; Guinea J; Bouza E**
Combination of Candida biomarkers in patients receiving empirical antifungal therapy in a Spanish tertiary hospital: a potential role in reducing the duration of treatment
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 - **Espinel-Ingroff A; Alvarez-Fernandez M; Canton E; Carver PL; Chen SCA; Eschenauer G; Getsinger DL; Gonzalez GM; Govender NP; Grancini A; Hanson KE; Kidd SE; Klinker K; Kubin CJ; Kus JV; Lockhart SR; Meletiadiis J; Morris AJ; Pelaez T; Quindos G; Rodriguez-Iglesias M; Sanchez-Reus F; Shoham S; Wengenack NL; Sole NB; Echeverria J; Esperalba J; de la Pedrosa EGG; Garcia IG; Linares MJ; Marco F; Merino P; Peman J; del Molino LP; Mayans ER; Calvo CR; de Pipaon MRP; Yague G; Garcia-Effron G; Guinea J; Perlin DS; Sanguinetti M; Shields R; Turnidge J**
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ANTIMICROBIAL AGENTS AND CHEMOTHERAPY. 2015; 59(11) 6725-6732. FI: 4,476. Cuartil: 1.
- ### ■ **Aspectos clínicos y epidemiológicos del VIH y condiciones asociadas**
- **Aldamiz-Echevarria T; Berenguer J; Miralles P; Jimenez-Sousa MA; Carrero A; Pineda-Tenor D; Diez C; Tejerina F; Perez-Latorre L; Bellon JM; Resino S**
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 - **Rallon N; Mothe B; de Quiros JCLB; Plana M; Ligos JM; Montoya M; Munoz-Fernandez MA; Esteban M; Garcia F; Brander C; Benito JM**
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 - **Jimenez-Sousa MA; Berenguer J; Garcia-Alvarez M; Gutierrez-Rivas M; Aldamiz-Echevarria T; Tejerina F; Diez C; Vazquez-Moron S; Resino S**
Impact of patatin-like phospholipase domain-containing 3 gene polymorphism (rs738409) on severity of liver disease in HIV/hepatitis C virus-coinfected patients
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ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE

■ *Biología molecular del VIH*

- **Medin G; Garcia-Navarro C; Gomez MN; Amador JTR; Mellado MJ; Jimenez S; Munoz-Fernandez MA; Conejo PR; Saavedra J; Hortelano MG; Guillen S; Gonzalez-Tome MI**
Disease disclosure, treatment adherence, and behavioural profile in a cohort of vertically acquired HIV-infected adolescents. NeuroCoRISpeS study
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- **Palladino C; Gomez MLN; Soler-Palacin P; Gonzalez-Tome MI; De Ory SJ; Espiau M; Hoyos SP; Leon-Leal JA; Mendez M; Moreno-Perez D; Guasch CF; Sierra AM; Guruceta IP; Guillen SM; Briz V**
Off-label use of maraviroc in HIV-1-infected paediatric patients in clinical practice
AIDS. 2015; 29(16) 2155-2159. FI: 5,554. Cuartil: 1.
- **Rallon N; Mothe B; de Quiros JCLB; Plana M; Ligos JM; Montoya M; Munoz-Fernandez MA; Esteban M; Garcia F; Brander C; Benito JM**
Balance between activation and regulation of HIV-specific CD8(+) T-cell response after modified vaccinia Ankara B therapeutic vaccination
AIDS. 2016; 30(4) 553-562. FI: 5,554. Cuartil: 1.
- **Jaramillo-Ruiz D; De La Mata FJ; Gomez R; Correa-Rocha R; Munoz-Fernandez MA**
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■ *Enfermedades sistémicas de base autoinmune*

- **Hammer HB; Iagnocco A; Mathiessen A; Filippucci E; Gandjbakhch F; Kortekaas MC; Moller I; Naredo E; Wakefield RJ; Aegerter P; D'Agostino MA**
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- **Martinez-Barrio J; Ovalles-Bonilla JG; Lopez-Longo FJ; Gonzalez CM; Montoro M; Valor L; Martinez LP; Nieto JC; Hinojosa MC; Bello N; Monteagudo I; Naredo E; Carreno L**
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■ *Infecciones en la población pediátrica*

- **Polo R; Blanch J; Locutura J; Arazo P; Bachiller P; Bayon C; Estrada V; Fernandez JL; Fumaz C; Galindo MJ; Tome MG; Iribarren JA; Lozano F; Marino A; Mellado MJ; Munoz-Moreno JA; Navarro ML; Navines R; Prieto JFP; Rojo A; Rousaud A; Hernandez JS; Santos J; Tuset M**
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Disease disclosure, treatment adherence, and behavioural profile in a cohort of vertically acquired HIV-infected adolescents. NeuroCoRISpeS study
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- **Palladino C; Gomez MLN; Soler-Palacin P; Gonzalez-Tome MI; De Ory SJ; Espiau M; Hoyos SP; Leon-Leal JA; Mendez M; Moreno-Perez D; Guasch CF; Sierra AM; Guruceta IP; Guillen SM; Briz V**
Off-label use of maraviroc in HIV-1-infected paediatric patients in clinical practice
AIDS. 2015; 29(16) 2155-2159. FI: 5,554. Cuartil: 1.

■ *Regulación y Homeostasis Inmune en Patologías relacionadas con el Sistema Inmunológico*

- **Jaramillo-Ruiz D; De La Mata FJ; Gomez R; Correa-Rocha R; Munoz-Fernandez MA**
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ÁREA 6: ONCOLOGÍA TRASLACIONAL

■ *Oncología interdisciplinar y bio-tecnológica*

- **Fernandez-Friera L; Penalvo JL; Fernandez-Ortiz A; Ibanez B; Lopez-Melgar B; Laclaustra M; Oliva B; Mocoroa A; Mendiguren J; de Vega VM; Garcia L; Molina J; Sanchez-Gonzalez J; Guzman G; Alonso-Farto JC; Guallar E; Civeira F; Sillesen H; Pocock S; Ordovas JM; Sanz G; Jimenez-Borreguero LJ; Fuster V**
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■ *Oncología médica traslacional y terapia individualizada del cáncer*

- **Martinez MT; Perez-Fidalgo JA; Martin-Martorell P; Cejalvo JM; Pons V; Bermejo B; Martin M; Albanell J; Lluch A**
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CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY. 2016; 97: 96-106. FI: 4,027. Cuartil: 1.

- **Berrocal A; Arance A; Espinosa E; Castano AG; Cao MG; Larriba JLG; Martin JAL; Marquez I; Soria A; Algarra SM**
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- **Aranda E; Aparicio J; Alonso V; Garcia-Albeniz X; Garcia-Alfonso P; Salazar R; Valladares M; Vera R; Vieitez JM; Garcia-Carbonero R**
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CLINICAL & TRANSLATIONAL ONCOLOGY. 2015; 17(12) 946-955. FI: 2,077. Cuartil: 3.
- **Rodriguez CA; Martin M**
SEOM Guidelines 2015: a new era in the collaboration with the Spanish Cancer Research Cooperative Groups
CLINICAL & TRANSLATIONAL ONCOLOGY. 2015; 17(12) 937-938. FI: 2,077. Cuartil: 3.
- **Lipton A; Fizazi K; Stopeck AT; Henry DH; Smith MR; Shore N; Martin M; Vadhan-Raj S; Brown JE; Richardson GE; Saad F; Yardley DA; Zhou K; Balakumaran A; Braun A**
Effect of denosumab versus zoledronic acid in preventing skeletal-related events in patients with bone metastases by baseline characteristics
EUROPEAN JOURNAL OF CANCER. 2016; 53. 75-83. FI: 5,417. Cuartil: 1.

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

- **Mateos MV; Martinez-Lopez J; Hernandez MT; Ocio EM; Rosinol L; Martinez R; Teruel AI; Gutierrez NC; Ramos MLM; Oriol A; Bargay J; Bengoechea E; Gonzalez Y; de Oteyza JP; Gironella M; Encinas C; Martin J; Cabrera C; Paiva B; Ceden MT; Puig N; Blade J; Lahuerta JJ; San-Miguel J**
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- **Escudero-Vilaplana V; Garcia-Gonzalez X; Osorio-Prendes S; Romero-Jimenez RM; Sanjurjo-Saez M**
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- **Kelleher N; Garcia O; Gallardo D; Gonzalez-Campos J; Hernandez-Rivas JM; Montesinos P; Sarra J; Gil C; Barba P; Guardia R; Brunet S; Bernal T; Martinez MP; Abella E; Bermudez A; Sanchez-Delgado M; Antonia C; Gayoso J; Calbacho M; Ribera JM**
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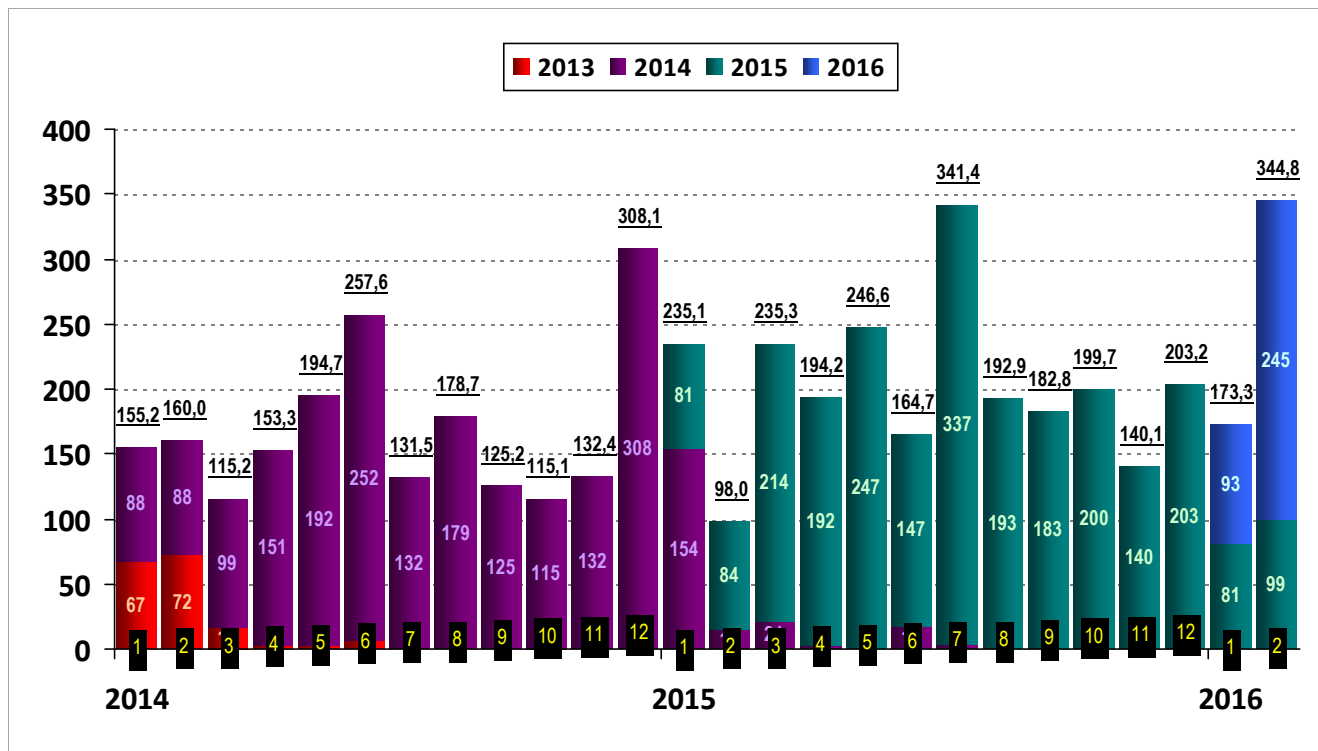
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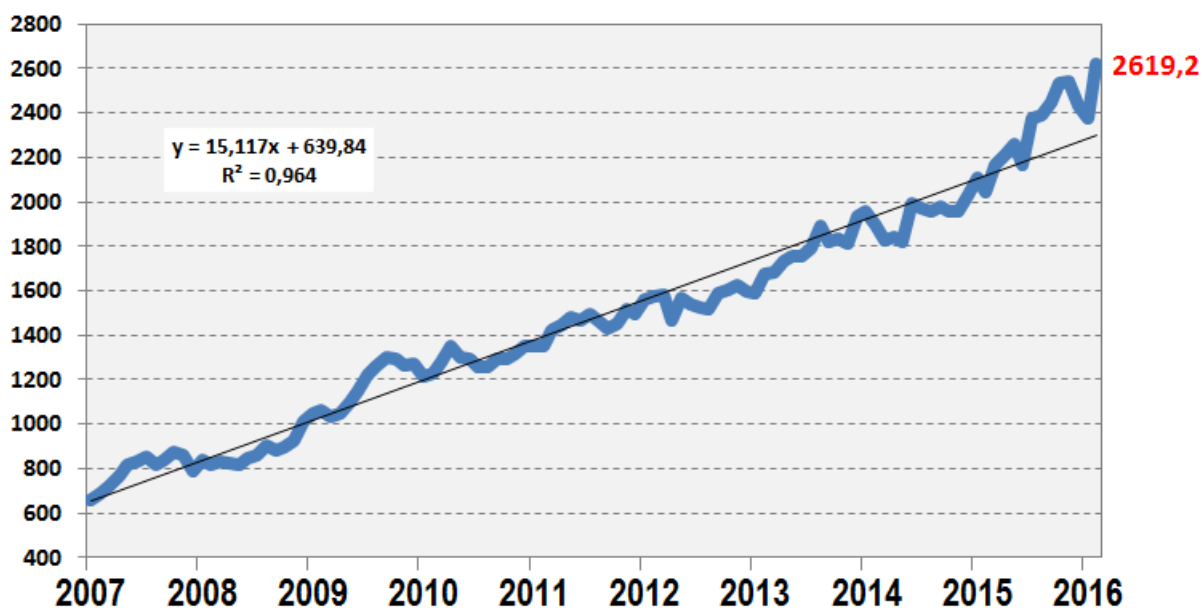
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Factor de Impacto IISGM



Factor de Impacto interanual



* Los datos de Factor de Impacto de 2015 y 2016 han sido calculados con el de 2014, último publicado

FI acumulado por áreas 2016

Área	Nº	FI	FI medio
ÁREA 1: INGENIERIA BIOMÉDICA	3	9,93	3,31
ÁREA 2: ENFERMEDADES CARDIOVASCULARES	5	30,07	6,01
ÁREA 3: NEUROCIENCIA Y SALUD MENTAL	5	31,67	6,33
ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA	8	73,50	9,19
ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE	7	37,96	5,42
ÁREA 6: ONCOLOGÍA TRASLACIONAL	15	82,00	5,47
ÁREA 7: PATOLOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS	10	57,48	5,75
ENFERMERÍA	1	1,74	1,74
PERSONAL TÉCNICO IISGM	1	3,23	3,23
ACTIVIDAD INVESTIGADORA DEL HGUGM NO ADSCRITA A LOS GRUPOS DE INVESTIGA	6	25,74	4,29