

	Nº	FI	Grupo
<b>ÁREA 1: INGENIERIA BIOMÉDICA</b>			
▪ Aplicaciones tecnológicas avanzadas y salud humana	4	14,172	Desco M
▪ Arquitectura de computadores, comunicaciones y sistemas. ARCOS	1	2,806	Carretero Perez J
<b>ÁREA 2: ENFERMEDADES CARDIOVASCULARES</b>			
▪ Historia natural de la enfermedad cardiaca	8	32,818	Fernández-Avilés F
▪ Electrofisiología cardiaca celular	1	3,876	Delpon E
▪ Cardiología y trasplante cardiaco infantil	1	0,905	Medrano C
▪ Lípidos sanguíneos y riesgo cardiovascular	2	4,763	Alvarez-Sala Walther LA
▪ Enfermedad cerebrovascular aguda. Ictus	2	9,109	Gil Nuñez A
<b>ÁREA 3: NEUROCIENCIA Y SALUD MENTAL</b>			
▪ Bases neurobiológicas y psicológicas de los trastornos mentales. Trastornos del neurodesarrollo	2	6,578	Arango C
▪ Enfermedades Neurológicas	4	6,219	Grandas FJ
<b>ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA</b>			
▪ Enfermedades infecciosas	4	17,194	Bouza E
▪ Aspectos clínicos y epidemiológicos del VIH y condiciones asociadas	2	14,858	Berenguer J
<b>ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE</b>			
▪ Fisiopatología e investigación clínica de las enfermedades de base inmunológica e inflamatoria crónicas	4	9,512	Fernández-Cruz E
▪ Biología molecular del VIH	1	1,698	Muñoz-Fernandez MA
▪ Enfermedades sistémicas de base autoinmune	3	9,615	Monteagudo I
▪ Infecciones en la población pediátrica	2	6,360	Navarro ML
▪ Enfermedades alérgicas en la edad pediátrica	1	1,439	Zapatero L
<b>ÁREA 6: ONCOLOGÍA TRASLACIONAL</b>			
▪ Oncología interdisciplinar y bio-tecnológica	2	2,553	Calvo F/Herranz R
▪ Oncología médica traslacional y terapia individualizada del cáncer	2	7,380	Martín M
▪ Genética y clínica de las neoplasias hematológicas y el trasplante hematopoyético	2	3,946	Díez JL/Buño I
<b>ÁREA 7: PATOLOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS</b>			
▪ Inflamación y daño vascular en la Enfermedad Renal Crónica, Diálisis y Trasplante Renal. Fisiopatología renal	3	8,581	Luño J
▪ Fisiopatología e historia natural de las enfermedades hepáticas y gastroenterológicas	3	7,051	Bañares R
▪ Patología del niño críticamente enfermo	3	5,752	López-Herce J
▪ Fisiopatología y clínica de la EPOC	1	2,960	Puente L
▪ Regeneración y biomateriales en patología musculoesquelética	1	0,790	Vaquero J
▪ Trastornos del metabolismo del hierro	1	0,743	del Castillo A
▪ Biopatología del envejecimiento	1	2,772	Serra JA
▪ Fisiopatología neonatal y del desarrollo	1	1,140	Sánchez-Luna M
▪ Laboratorio de circulación artificial	2	7,094	del Cañizo JF
▪ Farmacología y fisiopatología vascular	1	3,247	Pérez-Vizcaino F
▪ Aspectos fisiológicos y terapéuticos médico-quirúrgicos de las enfermedades respiratorias	3	6,622	Puente L/Garutti I
<b>Servicios de Apoyo a la Investigación</b>			
▪ Servicios de Apoyo a la Investigación	1	13,246	SAI
<b>INVESTIGADORES CLÍNICOS ASOCIADOS</b>			
▪ Investigadores Clínicos Asociados	4	10,818	Inv. Clínicos Asociados

Año Index	Mes Index	AÑO Publicación	FI	Nº Pub. con FI	Pub. 1º Q	Pub. 1º D
2017	8	2017	174,87	60	25	5
			<b>174,9</b>	<b>60</b>	<b>25</b>	<b>5</b>

## ÁREA 1: INGENIERIA BIOMÉDICA

### ■ *Aplicaciones tecnológicas avanzadas y salud humana*

- Turk EA; Luo J; Gagoski B; Pascau J; Bibbo C; Robinson JN; Grant PE; Adalsteinsson E; Golland P; Malpica N  
Spatiotemporal alignment of in utero BOLD-MRI series  
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Full L-1-regularized Traction Force Microscopy over whole cells  
BMC BIOINFORMATICS. 2017; 18. (Article. FI: 2,448. Cuartil: 2).
- Abella M; Serrano E; Garcia-Blas J; Garcia I; de Molina C; Carretero J; Descro M  
FUX-Sim: Implementation of a fast universal simulation/reconstruction framework for Xray systems  
PLOS ONE. 2017; 12(7). (Article. FI: 2,806. Cuartil: 1).
- Martinez K; Janssen J; Pineda-Pardo JA; Carmona S; Roman FJ; Aleman-Gomez Y; Garcia-Garcia D; Escorial S; Quiroga MA; Santarnecci E; Navas-Sanchez FJ; Descro M; Arango C; Colom R  
Individual differences in the dominance of interhemispheric connections predict cognitive ability beyond sex and brain size  
NEUROIMAGE. 2017; 155() 234-244. (Article. FI: 5,835. Cuartil: 1).

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

- Abella M; Serrano E; Garcia-Blas J; Garcia I; de Molina C; Carretero J; Descro M  
FUX-Sim: Implementation of a fast universal simulation/reconstruction framework for Xray systems  
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## ÁREA 2: ENFERMEDADES CARDIOVASCULARES

### ■ *Historia natural de la enfermedad cardiaca*

- Rodrigo M; Climent AM; Liberos A; Fernandez-Aviles F; Berenfeld O; Atienza E; Guillem MS  
Highest dominant frequency and rotor positions are robust markers of driver location during noninvasive mapping of atrial fibrillation: A computational study  
HEART RHYTHM. 2017; 14(8) 1224-1233. (Article. FI: 4,866. Cuartil: 1).
- Vicent L; Olarte JMN; Puente-Maestu L; Oliva A; Lopez JC; Postigo A; Martin I; Luna R; Fernandez-Aviles F; Martinez-Selles M  
Degree of dyspnoea at admission and discharge in patients with heart failure and respiratory diseases  
BMC PALLIATIVE CARE. 2017; 16() -. (Article. FI: 1,602. Cuartil: 3).
- Diez-Delgado F; Sanz-Ruiz R; Sarmago-Cebada F; Gutierrez-Ibanes E; Rivera-Juarez A; Elizaga J; Fernandez-Aviles F  
Spontaneous Coronary Artery Dissection Failure of the Conservative Strategy Due to Predominance of the False Lumen  
JACC-CARDIOVASCULAR INTERVENTIONS. 2017; 10(15) E139-E140. (Editorial Material. FI: 8,841. Cuartil: 1).
- de Luna AB; Martinez-Selles M; Bayes-Genis A; Elosua R; Baranchuk A  
Surface ECG interatrial block-guided treatment for stroke prevention: rationale for an attractive hypothesis  
BMC CARDIOVASCULAR DISORDERS. 2017; 17. (Editorial Material. FI: 1,832. Cuartil: 3).
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- Polzl G; Altenberger J; Baholli L; Beltran P; Borbely A; Comin-Colet J; Delgado JF; Fedele F; Fontana A; Fruhwald F; Giamouzis G; Giannakoulas G; Garcia-Gonzalez MJ; Gustafsson F; Kaikkonen K; Kivikko M; Kubica J; von Lewinski D; Lofman I; Malfatto G; Manito N; Martinez-Selles M; Masip J; Merkely B; Morandi F; Molgaard H; Oliva F; Pantev E; Papp Z; Perna GP; Pfister R; Piazza V; Bover R; Rangel-Sousa D; Recio-Mayoral A; Reinecke A; Rieth A; Sarapohja T; Schmidt G; Seidel M; Stork S; Vrtovec B; Wikstrom G; Yerly P; Pollesello P  
Repetitive use of levosimendan in advanced heart failure: need for stronger evidence in a field in dire need of a useful therapy  
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### ■ *Electrofisiología cardiaca celular*

- Tamargo M; Tamargo J  
Future drug discovery in renin-angiotensin-aldosterone system intervention  
EXPERT OPINION ON DRUG DISCOVERY. 2017; 12(8) 827-848. (Review. FI: 3,876. Cuartil: 1).

## ■ **Cardiología y trasplante cardiaco infantil**

### ■ **Gonzalez-Lopez MT; Perez-Caballero-Martinez R; Gil-Jaurena JM**

Myocarditis, flail tricuspid valve, and normal rhythm: an exceptional form of neonatal cardiac lupus  
CARDIOLOGY IN THE YOUNG. 2017; 27(7) 1419-1422. (Article. FI: 0,905. Cuartil: 4).

## ■ **Lípidos sanguíneos y riesgo cardiovascular**

### ■ **Mendez-Bailon M; Munoz-Rivas N; Jimenez-Garcia R; Hernandez-Barrera V; de Miguel-Yanes JM; Villalba NL; Diez JD; Lopez-de-Andres A**

Women with atrial fibrillation and type 2 diabetes have a higher incidence of hospitalization and undergo ablation or pacemaker implantation less frequently than men  
EUROPEAN JOURNAL OF INTERNAL MEDICINE. 2017; 42() 67-73. (Article. FI: 2,96. Cuartil: 1).

### ■ **de Miguel-Diez J; Lopez-de-Andres A; Hernandez-Barrera V; Jimenez-Trujillo I; Mendez-Bailon M; de Miguel-Yanes JM; del Rio-Lopez B; Jimenez-Garcia R**

Decreasing incidence and mortality among hospitalized patients suffering a ventilator-associated pneumonia Analysis of the Spanish national hospital discharge database from 2010 to 2014  
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## ■ **Enfermedad cerebrovascular aguda. Ictus**

### ■ **Ntaios G; Lip GYH; Vemmos K; Koroboki E; Manios E; Vemmos A; Rodriguez-Campello A; Cuadrado-Godia E; Roquer J; Arnao V; Caso V; Paciaroni M; Diez-Tejedor E; Fuentes B; Lucas JP; Arauz A; Ameriso SF; Pertierra L; Gomez-Schneider M; Hawkes MA; Bandini F; Cano BC; Mohedano AMI; Pastor AG; Gil-Nunez A; Putaala J; Tatlisumak T; Barboza MA; Athanasakis G; Gioulekas F; Makaritsis K; Papavasileiou V**

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NEUROLOGY. 2017; 89(6) 532-539. (Article. FI: 7,592. Cuartil: 1).

### ■ **Mohedano AMI; Pastor AG; Otero FD; Alen PV; Montero MV; Buzo EL; Rafeles NR; Cano BC; Bullido YF; Osorio JAV; Nunez AG**

Efficacy of New Measures Saving Time in Acute Stroke Management: A Quantified Analysis  
JOURNAL OF STROKE & CEREBROVASCULAR DISEASES. 2017; 26(8) 1817-1823. (Article. FI: 1,517. Cuartil: 4).

## ÁREA 3: NEUROCIENCIA Y SALUD MENTAL

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

### ■ **Martinez K; Janssen J; Pineda-Pardo JA; Carmona S; Roman FJ; Aleman-Gomez Y; Garcia-Garcia D; Escorial S; Quiroga MA; Santarnecchi E; Navas-Sanchez FJ; Desco M; Arango C; Colom R**

Individual differences in the dominance of interhemispheric connections predict cognitive ability beyond sex and brain size  
NEUROIMAGE. 2017; 155() 234-244. (Article. FI: 5,835. Cuartil: 1).

### ■ **Canellas-Dols F; Delgado C; Arango-Lopez C; Peraíta-Adrados R**

Narcolepsy-cataplexy and psychosis: a case study  
REVISTA DE NEUROLOGIA. 2017; 65(2) 70-74. (Article. FI: 0,743. Cuartil: 4).

## ■ **Enfermedades Neurológicas**

### ■ **Fernandez O; Oterino A; Oreja-Guevara C; Prieto JM; Mendibe-Bilbao MD; Garcia-Merino JA; Ramio-Torrenta L; Ginestal R; Meca-Lallana JE; Romero-Pinel L; Munoz D; Oliva-Nacarino P; Calles-Hernandez MC; Izquierdo G; Martinez-Gines ML; Saiz A; Comabella M; Casanova-Estruch B; Brieva L; Arroyo R; Rodriguez-Antiguedad A**

Review of the novelties from the 32nd ECTRIMS Congress, 2016, presented at the 9th Post-ECTRIMS Meeting (I)  
REVISTA DE NEUROLOGIA. 2017; 65(1) 31-40. (Review. FI: 0,743. Cuartil: 4).

### ■ **Fernandez O; Oterino A; Oreja-Guevara C; Prieto JM; Mendibe-Bilbao MD; Garcia-Merino JA; Ramio-Torrenta L; Ginestal R; Meca-Lallana JE; Romero-Pinel L; Munoz D; Oliva-Nacarino P; Calles-Hernandez MC; Izquierdo G; Martinez-Gines ML; Saiz A; Comabella M; Casanova-Estruch B; Brieva L; Arroyo R; Rodriguez-Antiguedad A**

Review of the novelties from the 32nd ECTRIMS Congress, 2016, presented at the 9th Post-ECTRIMS Meeting (II)  
REVISTA DE NEUROLOGIA. 2017; 65(2) 75-84. (Review. FI: 0,743. Cuartil: 4).

### ■ **Fernandez-Paredes L; Casrouge A; Decalf J; de Andres C; Villar LM; de Diego RP; Alonso B; Cermeno JCA; Arroyo R; Tejera-Alhambra M; Navarro J; Oreja-Guevara C; Trascasa ML; Seyfferth A; Martinez MAG; Lafuente RA; Albert ML; Sanchez-Ramon S**

Multimarker risk stratification approach at multiple sclerosis onset  
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### ■ **Cenalmor-Aparicio C; Bravo-Quelle N; Miranda-Acuna J; Luque-Buzo E; Herrera-Tejedor J; Olazaran-Rodriguez J**

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## ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA

## ■ **Enfermedades infecciosas**

### ■ **Marcos-Zambrano LJ; Puig-Asensio M; Perez-Garcia F; Escribano P; Sanchez-Carrillo C; Zaragoza O; Padilla B; Cuenca-Estrella M; Almirante B; Martin-Gomez MT; Munoz P; Bouza E; Guinea J**

Candida guilliermondii Complex Is Characterized by High Antifungal Resistance but Low Mortality in 22 Cases of Candidemia  
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### ■ **Reigadas E; Alcalá L; Marin M; Martin A; Bouza E**

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- **Escribano P; Marcos-Zambrano LJ; Gomez A; Sanchez C; Martinez-Jimenez MC; Bouza E; Guinea J**  
The Etest Performed Directly on Blood Culture Bottles Is a Reliable Tool for Detection of Fluconazole-Resistant *Candida albicans* Isolates  
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- **Ramos-Martinez A; Roque F; Farinas MC; Munoz P; Verde E; Cuerpo GP; de Alarcon A; Lepe JA; Miro JM; Plata A; Goenaga MA; Garcia-Rosado D; Martinez-Monzonis A; de la Torre J; Garcia-Pavia P**  
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## ■ Aspectos clínicos y epidemiológicos del VIH y condiciones asociadas

- **Berenguer J; Rodriguez-Castellano E; Carrero A; Von Wichmann MA; Montero M; Galindo MJ; Mallolas J; Crespo M; Ellez MJT; Quereda C; Sanz J; Barros C; Tural C; Santos I; Pulido F; Guardiola JM; Rubio R; Ortega E; Montes ML; Jusdado JJ; Gaspar G; Esteban H; Bellon JEM; Gonzalez-Garcia J**  
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- **Gallant J; Moyle G; Berenguer J; Shalit P; Cao HY; Liu YP; Myers J; Rosenblatt L; Yang LF; Szwarcberg J**  
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## ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE

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

- **Fernandez-Paredes L; Casrouge A; Decalf J; de Andres C; Villar LM; de Diego RP; Alonso B; Cermeno JCA; Arroyo R; Tejera-Alhambra M; Navarro J; Oreja-Guevara C; Trascasa ML; Seyffarth A; Martinez MAG; Lafuente RA; Albert ML; Sanchez-Ramon S**  
Multimarker risk stratification approach at multiple sclerosis onset  
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- **Bautista-Caro MB; de Miguel E; Peiteado D; Plasencia-Rodriguez C; Villalba A; Monjo-Henry I; Puig-Kroger A; Sanchez-Mateos P; Martin-Mola E; Miranda-Carus ME**  
Increased frequency of circulating CD19+CD24(hi) CD38(hi) B cells with regulatory capacity in patients with Ankylosing spondylitis (AS) naive for biological agents  
PLOS ONE. 2017; 12(7) -. (Article. FI: 2,806. Cuartil: 1).
- **Pinas L; Garcia-Garcia A; Perez-Sayans M; Suarez-Fernandez R; Alkhraisat MH; Anitua E**  
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- **Ruiz-Rivero J; Pulido-Perez A; Suarez-Fernandez RM**  
Coma blisters with deep soft tissue involvement after drug overdose  
INTERNATIONAL JOURNAL OF DERMATOLOGY. 2017; 56(8) 881-883. (Editorial Material. FI: 1,56. Cuartil: 3).

### ■ Biología molecular del VIH

- **Consuegra I; Rodriguez-Aierbe C; Santiuste I; Bosch A; Martinez-Marin R; Fortuto MA; Diaz T; Marti S; Munoz-Fernandez MA**  
Isolation Methods of Peripheral Blood Mononuclear Cells in Spanish Biobanks: An Overview  
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### ■ Enfermedades sistémicas de base autoinmune

- **Rua-Figueroa I; Lopez-Longo J; Galindo-Izquierdo M; Calvo-Alen J; Del Campo V; Olive-Marques A; Perez-Vicente S; Fernandez-Nebro A; Andres M; Erasquin C; Tomero E; Horcada L; Uriarte E; Freire M; Montilla C; Sanchez-Atrio A; Santos G; Boteanu A; Diez-Alvarez E; Narvaez J; Martinez-Taboada V; Silva-Fernandez L; Ruiz-Lucea E; Andreu JL; Hernandez-Berriain JA; Gantes M; Hernandez-Cruz B; Perez-Venegas J; Pecondon-Espanol A; Marras C; Ibanez-Barcelo M; Bonilla G; Torrente V; Castellvi I; Alegre JJ; Calvet J; Marengo JL; Raya E; Vazquez T; Quevedo V; Munoz-Fernandez S; Rodriguez-Gomez M; Ibanez J; Pego-Reigosa JM**  
Incidence, associated factors and clinical impact of severe infections in a large, multicentric cohort of patients with systemic lupus erythematosus  
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- **Roth J; Ravagnani V; Backhaus M; Balint P; Bruns A; Bruyn GA; Collado P; De la Cruz L; Guillaume-Czitrom S; Herlin T; Hernandez C; Iagnocco A; Jousse-Joulin S; Lanni S; Lilleby V; Malattia C; Magni-Manzoni S; Modesto C; Rodriguez A; Nieto JC; Ohrndorf S; Rossi-Semerano L; Selvaag AM; Swen N; Ting TV; Tzaribachev N; Vega-Fernandez P; Vojinovic J; Windschall D; D'Agostino MA; Naredo E**  
Preliminary Definitions for the Sonographic Features of Synovitis in Children  
ARTHRITIS CARE & RESEARCH. 2017; 69(8) 1217-1223. (Article. FI: 3,319. Cuartil: 2).
- **Gonzalez CM; Carmona L; de Toro J; Battle-Gualda E; Torralba AI; Arteaga MJ; Cea-Calvo L**  
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PATIENT PREFERENCE AND ADHERENCE. 2017; 11() 1243-1252. (Article. FI: 1,798. Cuartil: 2).

### ■ Infecciones en la población pediátrica

- **Saavedra-Lozano J; Falup-Pecurariu O; Faust SN; Girschick H; Hartwig N; Kaplan S; Lorrot M; Mantadakis E; Peltola H; Rojo P; Zaoutis T; LeMair A**  
Bone and Joint Infections  
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- **Tagarro A; Otheo E; Baquero-Artigao F; Navarro ML; Velasco R; Ruiz M; Penin M; Moreno D; Rojo P; Madero R**  
Dexamethasone for Parapneumonic Pleural Effusion: A Randomized, Double-Blind, Clinical Trial  
JOURNAL OF PEDIATRICS. 2017; 185() 117-+. (Article. FI: 3,874. Cuartil: 1).

## ■ **Enfermedades alérgicas en la edad pediátrica**

- **Martorell A; Alonso E; Echeverría L; Escudero C; García-Rodríguez R; Blasco C; Bone J; Borja-Segade J; Bracamonte T; Claver A; Corzo JL; De la Hoz B; Del Olmo R; Domínguez O; Fuentes-Aparicio V; Guallar I; Larramona H; Martín-Munoz F; Matheu V; Michavila A; Ojeda I; Ojeda P; Piquer M; Poza P; Reche M; del Río PR; Rodríguez M; Ruano F; Sánchez-García S; Terrados S; Valdesoiro L; Vázquez-Ortiz M**

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ALLERGOLOGIA ET IMMUNOPATHOLOGIA. 2017; 45(4) 393-404. (Review. FI: 1,439. Cuartil: 4).

## ÁREA 6: ONCOLOGÍA TRASLACIONAL

### ■ **Oncología interdisciplinar y bio-tecnológica**

- **Farto JCA**

Balance

REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR. 2017; 36(4) 205-206. (Editorial Material. FI: 0,951. Cuartil: 4).

- **Vicent L; Olarte JMN; Puente-Maestu L; Oliva A; Lopez JC; Postigo A; Martín I; Luna R; Fernandez-Aviles E; Martínez-Selles M**

Degree of dyspnoea at admission and discharge in patients with heart failure and respiratory diseases

BMC PALLIATIVE CARE. 2017; 16() -. (Article. FI: 1,602. Cuartil: 3).

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

- **Echavarría I; Lopez-Tarruella S; Marquez-Rodas I; Jerez Y; Martín M**

Neratinib for the treatment of HER2-positive early stage breast cancer

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- **Provencio M; Rodríguez M; Cantos B; Sabin P; Quero C; García-Arroyo FR; Rueda A; Maximiano C; Rodríguez-Abreu D; Sánchez A; Silva J; García V**

mRNA in exosomes as a liquid biopsy in non-Hodgkin Lymphoma: a multicentric study by the Spanish lymphoma oncology group

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

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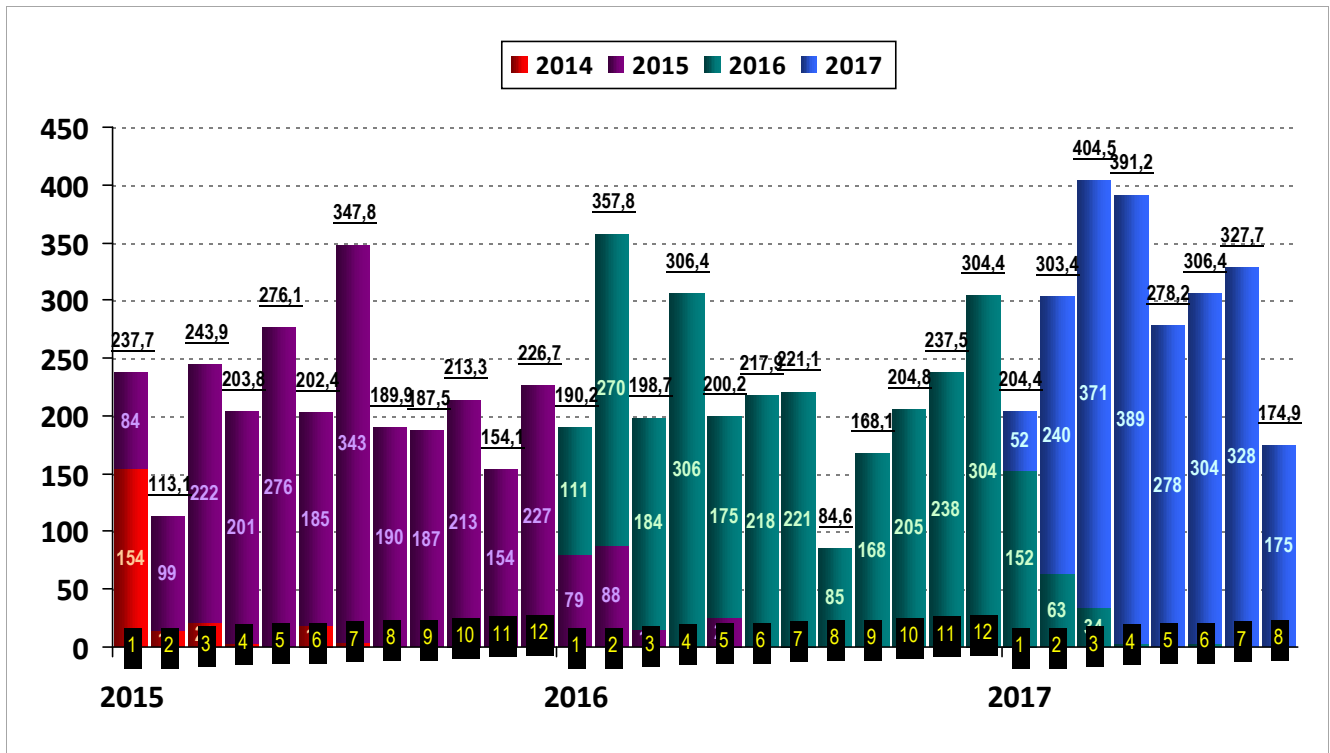
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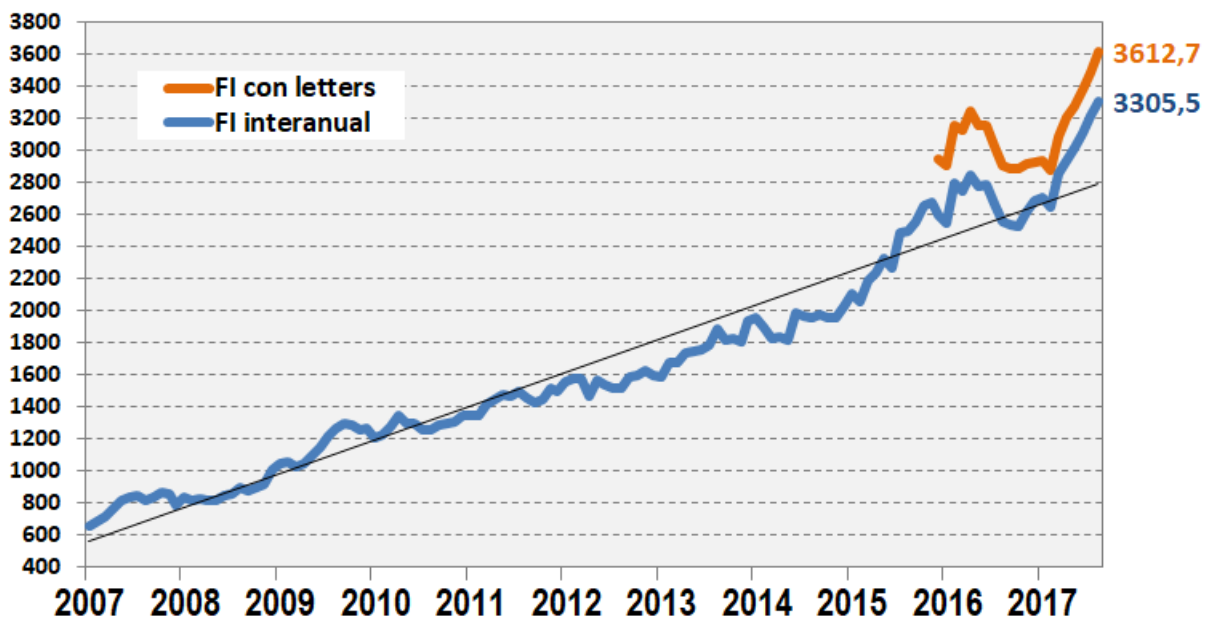
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# Factor de Impacto IISGM



## Factor de Impacto interanual



\* Los datos de Factor de Impacto de 2016 y 2017 han sido calculados con el de 2016, último publicado

### FI acumulado por áreas 2017

Área	Nº	FI	FI medio
ÁREA 1: INGENIERIA BIOMÉDICA	27	119,29	4,42
ÁREA 2: ENFERMEDADES CARDIOVASCULARES	66	368,11	5,58
ÁREA 3: NEUROCIENCIA Y SALUD MENTAL	34	127,63	3,75
ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA	59	392,25	6,65
ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE	53	359,99	6,79
ÁREA 6: ONCOLOGÍA TRASLACIONAL	67	414,41	6,19
ÁREA 7: PATOLOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS	109	416,47	3,82
ÁREA 8: ENFERMERÍA	2	3,58	1,79
Servicios de Apoyo a la Investigación	8	46,86	5,86
INVESTIGADORES CLÍNICOS ASOCIADOS	49	133,44	2,72



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### ÁREA 2: ENFERMEDADES CARDIOVASCULARES

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Cardiogenic shock due to septic coronary embolism: treatment options for a rare entity  
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### ÁREA 3: NEUROCIENCIA Y SALUD MENTAL

- **de la Cruz MH; Acuna JAM; Ros AL; Catalina MV; Paniagua ES; Ricote GC; Frutos CDD; Gines MLM**  
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### ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA

- **Rivera-Juarez A; Sarnago-Cebada F; Diez-Delgado F; Cuerpo G; Hortal J; Fernandez-Aviles F**  
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## ÁREA 7: PATOLOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS

- **Rivera-Juarez A; Sarnago-Cebada F; Diez-Delgado F; Cuerpo G; Hortal J; Fernandez-Aviles F**  
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- **Climent AM; Hernandez-Romero I; Guillem MS; Montserrat N; Fernandez ME; Atienza F; Fernandez-Aviles F**  
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- **Garcia AR; Laiseca LB; Martin GM**  
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