

	Nº	FI
<b>ÁREA 1: INGENIERÍA BIOMÉDICA</b>		
▪ 1.01 Aplicaciones tecnológicas avanzadas y salud humana	2	5,612
▪ 1.02 Tratamiento de la señal	4	13,751
<b>ÁREA 2: ENFERMEDADES CARDIOVASCULARES</b>		
▪ 2.01 Historia natural de la enfermedad cardiaca	5	20,330
▪ 2.05 Cardiología y trasplante cardiaco infantil	1	1,857
▪ 2.06 Lípidos sanguíneos y riesgo cardiovascular	2	12,378
<b>ÁREA 3: NEUROCIENCIA Y SALUD MENTAL</b>		
▪ 3.01 Bases neurobiológicas y psicológicas de los trastornos mentales. Trastornos del neurodesarrollo	3	29,750
▪ 3.03B Enfermedades Neurológicas	3	6,659
<b>ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA</b>		
▪ 4.01 Enfermedades infecciosas	6	15,626
▪ 4.02 Aspectos clínicos y epidemiológicos del VIH y condiciones asociadas	1	1,714
<b>ÁREA 5: PATALOGÍA DEL SISTEMA INMUNE</b>		
▪ 5.01 Fisiopatología e investigación clínica de las enfermedades de base inmunológica e inflamatoria crónicas	1	1,560
▪ 5.02 Biología molecular del VIH	1	3,935
▪ 5.07 Infecciones en la población pediátrica	1	3,935
<b>ÁREA 6: ONCOLOGÍA TRASLACIONAL</b>		
▪ 6.02 Oncología médica traslacional y terapia individualizada del cáncer	4	42,067
<b>ÁREA 7: PATALOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS</b>		
▪ 7.01 Inflamación y daño vascular en la Enfermedad Renal Crónica, Diálisis y Trasplante Renal. Fisiopatología renal	1	6,337
▪ 7.02 Fisiopatología e historia natural de las enfermedades hepáticas y gastroenterológicas	1	6,165
▪ 7.05B Aspectos fisiológicos y terapéuticos médico-quirúrgicos de las enfermedades respiratorias	1	6,189
▪ 7.07 Trasplante renal experimental	1	1,181
▪ 7.22 Fisiopatología neonatal y del desarrollo	1	1,857
▪ 7.25 Laboratorio de circulación artificial	2	3,576
▪ 7.27 Farmacia Hospitalaria y Farmacogenómica	2	6,578
▪ 7.31 Fisiopatología de la mujer, del embarazo, parto y puerperio	1	0,840
▪ 7.32 Medicina física y rehabilitación	1	4,403
<b>ÁREA 9: INVESTIGADORES CLÍNICOS ASOCIADOS</b>		
▪ 9.50 INVESTIGADORES CLÍNICOS ASOCIADOS	10	18,034

Año Index	Mes Index	AÑO Publicación	FI	Nº Pub. con FI	Pub. 1º Q	Pub. 1º D
2018	10	2018	185,80	45	21	7
			<b>185,8</b>	<b>45</b>	<b>21</b>	<b>7</b>

	Nº Pub	Suma FI	FI medio
<b>Interanual con Letters</b>	<b>765</b>	<b>3.748</b>	<b>4,90</b>
<b>Interanual sin Letters</b>	<b>685</b>	<b>3.193</b>	<b>4,66</b>

## ÁREA 1: INGENIERÍA BIOMÉDICA

### ■ 1.01 Aplicaciones tecnológicas avanzadas y salud humana

- **Abella, M; de Molina, C; Ballesteros, N; Garcia-Santos, A; Martinez, A; Garcia, I; Desco, M**  
Enabling tomography with low-cost C-arm systems  
PLoS One. 2018; 13(9) -. FI: 2,806. Cuartil: 1. (Article).
- **Casquero-Veiga, M; Garcia-Garcia, D; Pascau, J; Desco, M; Soto-Montenegro, ML**  
Stimulating the nucleus accumbens in obesity: A positron emission tomography study after deep brain stimulation in a rodent model  
PLoS One. 2018; 13(9) -. FI: 2,806. Cuartil: 1. (Article).

### ■ 1.02 Tratamiento de la señal

- **Horstmann, S; Ramirez, D; Schreier, PJ**  
Joint Detection of Almost-Cyclostationary Signals and Estimation of Their Cycle Period  
IEEE SIGNAL PROCESSING LETTERS. 2018; 25(11) 1695-1699. FI: 2,528. Cuartil: 2. (Article).
- **Pries, A; Ramirez, D; Schreier, PJ**  
LMPIT-Inspired Tests for Detecting a Cyclostationary Signal in Noise With Spatio-Temporal Structure  
IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS. 2018; 17(9) 6321-6334. FI: 4,951. Cuartil: 1. (Article).
- **Santos, I; Murillo-Fuentes, JJ; Arias-de-Reyna, E; Olmos, PM**  
Turbo EP-Based Equalization: A Filter-Type Implementation  
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- **Vazquez, MA; Marino, IP; Blyuss, O; Ryan, A; Gentry-Maharaj, A; Kalsi, J; Manchandada, R; Jacobs, I; Menon, U; Zaikin, A**  
A quantitative performance study of two automatic methods for the diagnosis of ovarian cancer  
BIOMEDICAL SIGNAL PROCESSING AND CONTROL. 2018; 46() 86-93. FI: 2,214. Cuartil: 2. (Article).

## ÁREA 2: ENFERMEDADES CARDIOVASCULARES

### ■ 2.01 Historia natural de la enfermedad cardiaca

- **Alvarez, BA; Alvarez, ABC; Dieguez, AR; Pena, XS; Otero, DL; Carrillo, AA; Pena, FG; Nouche, RT; Selles, MM; Gonzalez-Juanatey, J**  
Short-term and long-term validation of the fastest score in patients with ST-elevation myocardial infarction after primary angioplasty  
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- **Escobar-Robledo, LA; Bayes-de-Luna, A; Lupon, J; Baranchuk, A; Moliner, P; Martinez-Selles, M; Zamora, E; de Antonio, M; Domingo, M; Cediel, G; Nunez, J; Santiago-Vacas, E; Bayes-Genis, A**  
Advanced interatrial block predicts new-onset atrial fibrillation and ischemic stroke in patients with heart failure: The "Bayes' Syndrome-HF" study  
INTERNATIONAL JOURNAL OF CARDIOLOGY. 2018; 271() 174-180. FI: 6,189. Cuartil: 1. (Article).
- **Munoz, P; Valerio, M; Vasquez, V; Velasquez-Rodriguez, J; Sousa, I; Zatarain, E; Barrio, JM; Ruiz, M; Cuerpo, G; Rodriguez-Abella, H; Hortal, J; Bouza, E; Grp Apoyo Manejo Asistencias Ventr**  
Infections in patients after Berlin Heart((R)) EXCOR assist device implantation  
TRANSPLANT INFECTIOUS DISEASE. 2018; 20(5) -. FI: 1,719. Cuartil: 3. (Article).
- **Sanchez-Gutierrez, T; Garcia-Portilla, MP; Parellada, M; Bobes, J; Calvo, A; Moreno-Izco, L; Gonzalez-Pinto, A; Lobo, A; de la Serna, E; Cabrera, B; Torrent, C; Roldan, L; Sanjuan, J; Ibanez, A; Sanchez-Torres, AM; Corripio, I; Bernardo, M; Cuesta, MJ; Vi**  
Smoking does not impact social and non-social cognition in patients with first episode psychosis  
SCHIZOPHRENIA RESEARCH. 2018; 199() 64-74. FI: 3,986. Cuartil: 1. (Article).
- **Vicent, L; Esteban-Fernandez, A; Gomez-Bueno, M; De-Juan, J; Diez-Villanueva, P; Iniesta, AM; Ayesta, A; Gonzalez-Saldivar, H; Rojas-Gonzalez, A; Bover-Freire, R; Iglesias, D; Garcia-Aguado, M; Perea-Egido, JA; Martinez-Selles, M**  
Clinical Profile of a Nonselected Population Treated With Sacubitril/Valsartan Is Different From PARADIGM-HF Trial  
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY. 2018; 72(2) 112-116. FI: 2,247. Cuartil: 3. (Article).

### ■ 2.05 Cardiología y trasplante cardiaco infantil

- **Gil-Jaurena, JM; Gonzalez-Lopez, MT; Pita, A; Perez-Caballero, R; Hervias, M; Blanco, D**  
Beating-heart aortic arch surgery in neonates and infants  
Interactive Cardiovascular and Thoracic Surgery. 2018; 27(4) 586-590. FI: 1,857. Cuartil: 3. (Article).

### ■ 2.06 Lípidos sanguíneos y riesgo cardiovascular

- **de Miguel-Diez, J; Lopez-de-Andres, A; Hernandez-Barrera, V; de Miguel-Yanes, JM; Mendez-Bailon, M; Munoz-Rivas, N; Jimenez-Garcia, R**  
Influence of COPD on outcomes of patients hospitalized with heart failure: Analysis of the Spanish National Hospital Discharge Database (2001-2015)  
INTERNATIONAL JOURNAL OF CARDIOLOGY. 2018; 269() 213-219. FI: 6,189. Cuartil: 1. (Article).
- **Jimenez, D; Bikdeli, B; Barrios, D; Quezada, A; del Toro, J; Vidal, G; Mahe, I; Quereg, I; Loring, M; Yusen, RD; Monreal, M; RIETE Investigators**  
Epidemiology, patterns of care and mortality for patients with hemodynamically unstable acute symptomatic pulmonary embolism  
INTERNATIONAL JOURNAL OF CARDIOLOGY. 2018; 269() 327-333. FI: 6,189. Cuartil: 1. (Article).

## ÁREA 3: NEUROCIENCIA Y SALUD MENTAL

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

- **Kahn, RS; van Rossum, IW; Leucht, S; McGuire, P; Lewis, SW; Leboyer, M; Arango, C; Dazzan, P; Drake, R; Heres, S; Diaz-Caneja, CM; Rujescu, D; Weiser, M; Galderisi, S; Glenthøj, B; Eijkemans, MJC; Fleischhacker, WW; Kapur, S; Sommer, IE; OPTIMISE Study Gr**  
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Lancet Psychiatry. 2018; 5(10) 797-807. FI: 11,588. Cuartil: 1. (Article).
- **Sanchez-Gutierrez, T; Garcia-Portilla, MP; Parellada, M; Bobes, J; Calvo, A; Moreno-Izco, L; Gonzalez-Pinto, A; Lobo, A; de la Serna, E; Cabrera, B; Torrent, C; Roldan, L; Sanjuan, J; Ibanez, A; Sanchez-Torres, AM; Corripio, I; Bernardo, M; Cuesta, MJ; Vi**  
Smoking does not impact social and non-social cognition in patients with first episode psychosis  
SCHIZOPHRENIA RESEARCH. 2018; 199(1) 64-74. FI: 3,986. Cuartil: 1. (Article).
- **van Rooij, D; Anagnostou, E; Arango, C; Auzias, G; Behrmann, M; Busatto, GF; Calderoni, S; Daly, E; Deruelle, C; Di Martino, A; Dinstein, I; Duran, FLS; Durston, S; Ecker, C; Fair, D; Fedor, J; Fitzgerald, J; Freitag, CM; Gallagher, L; Gori, I; Haar, S; H**  
Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group  
AMERICAN JOURNAL OF PSYCHIATRY. 2018; 175(4) 359-369. FI: 14,176. Cuartil: 1. (Article).

### ■ 3.03B Enfermedades Neurológicas

- **Boyano, I; Bravo, N; Miranda, J; Gil-Gregorio, P; Olazarán, J**  
Brain microbleeds: Epidemiology and clinical implications  
NEUROLOGIA. 2018; 33(8) 515-525. FI: 2,103. Cuartil: 3. (Review).
- **Ruano, MLF; Garcia, BB; Plata, AM; Iniguez, ED**  
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- **Traba, A; Romero, JP; Arranz, B; Vilela, C**  
A new criterion for detection of radiculopathy based on motor evoked potentials and intraoperative nerve root monitoring  
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## ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA

### ■ 4.01 Enfermedades infecciosas

- **Bouza, E; Munoz, P; Burillo, A**  
Role of the Clinical Microbiology Laboratory in Antimicrobial Stewardship  
MEDICAL CLINICS OF NORTH AMERICA. 2018; 102(5) 883-. FI: 2,455. Cuartil: 1. (Article).
- **Di Domenico, EG; Cavallo, I; Guembe, M; Prignano, G; Gallo, MT; Bordignon, V; D'Agosto, G; Sperduti, I; Toma, L; Ensoli, F**  
The clinical Biofilm Ring Test: a promising tool for the clinical assessment of biofilm-producing Candida species  
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- **Fernandez-Cruz, A; Magira, E; Heo, ST; Evans, S; Tarrand, J; Kontoyiannis, DP**  
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JOURNAL OF CLINICAL MICROBIOLOGY. 2018; 56(10) -. FI: 3,712. Cuartil: 2. (Article).
- **Munoz, P; Valerio, M; Vasquez, V; Velasquez-Rodriguez, J; Sousa, I; Zatarain, E; Barrio, JM; Ruiz, M; Cuerpo, G; Rodriguez-Abella, H; Hortal, J; Bouza, E; Grp Apoyo Manejo Asistencias Ventr**  
Infections in patients after Berlin Heart(R) EXCOR assist device implantation  
TRANSPLANT INFECTIOUS DISEASE. 2018; 20(5) -. FI: 1,719. Cuartil: 3. (Article).
- **Sanz, JC; Rios, E; Rodriguez-Avial, I; Ramos, B; Marin, M; Cercenado, E**  
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ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2018; 36(7) 428-430. FI: 1,714. Cuartil: 3. (Article).
- **Valerio, M; Vena, A; Rodriguez-Gonzalez, CG; de Vega, EC; Mateos, M; Sanjurjo, M; Bouza, E; Munoz, P; COMIC Study Grp Collaborative**  
Repeated antifungal use audits are essential for selecting the targets for intervention in antifungal stewardship  
EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES. 2018; 37(10) 1993-2000. FI: 2,727. Cuartil: 2. (Article).

### ■ 4.02 Aspectos clínicos y epidemiológicos del VIH y condiciones asociadas

- **Rivero, A; Polo, R; Aldeguer, JL; Lozano, F; Antela, A; Arribas, JR; Asensi, V; Berenguer, J; Blanco, JR; Casado, JL; Clotet, B; Crespo, M; Domingo, P; Duenas, C; Gatell, JM; Gomez-Sirvent, JL; Gonzalez-Garcia, J; Iribarren, JA; de Quiros, JCLB; Cortes, L**  
Executive summary of the GESIDA/National AIDS Plan Consensus Document on Antiretroviral Therapy in Adults Infected by the Human Immunodeficiency Virus (Updated January 2017)  
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## ÁREA 5: PATALOGÍA DEL SISTEMA INMUNE

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

- Jimenez, YD; Camarero-Mulas, C; Sanmartin-Jimenez, O; Garces, JR; Rodriguez-Prieto, MA; Alonso-Alonso, T; Medrano, RM; Lopez-Estebarez, JL; Murillo, ED; Redondo, P; Ciudad-Blanco, C; Toll, A; Igarza, JLA; Markixana, IA; Fernandez, RS; Rubio, AA; Pacheco, M  
Differences of Mohs micrographic surgery in basal cell carcinoma versus squamous cell carcinoma  
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### ■ 5.02 Biología molecular del VIH

- Tagarro, A; Chan, M; Zangari, P; Ferns, B; Foster, C; De Rossi, A; Nastouli, E; Munoz-Fernandez, MA; Gibb, D; Rossi, P; Giaquinto, C; Babiker, A; Fortuny, C; Freguja, R; Cotugno, N; Judd, A; Noguera-Julian, A; Navarro, ML; Mellado, MJ; Klein, N; Palma, P;  
Early and Highly Suppressive Antiretroviral Therapy Are Main Factors Associated With Low Viral Reservoir in European Perinatally HIV-Infected Children  
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### ■ 5.07 Infecciones en la población pediátrica

- Tagarro, A; Chan, M; Zangari, P; Ferns, B; Foster, C; De Rossi, A; Nastouli, E; Munoz-Fernandez, MA; Gibb, D; Rossi, P; Giaquinto, C; Babiker, A; Fortuny, C; Freguja, R; Cotugno, N; Judd, A; Noguera-Julian, A; Navarro, ML; Mellado, MJ; Klein, N; Palma, P;  
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JAIDS-JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES. 2018; 79(2) 269-276. FI: 3,935. Cuartil: 1. (Article).

## ÁREA 6: ONCOLOGÍA TRASLACIONAL

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

- Arriola, E; Paredes-Lario, A; Garcia-Gomez, R; Diz-Tain, P; Constenla, M; Garcia-Giron, C; Marquez, G; Reck, M; Lopez-Vivanco, G  
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## ÁREA 7: PATALOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS

### ■ 7.01 Inflamación y daño vascular en la Enfermedad Renal Crónica, Diálisis y Trasplante Renal. Fisiopatología renal

- Mojena, M; Pimentel-Santillana, M; Povo-Retana, A; Fernandez-Garcia, V; Gonzalez-Ramos, S; Rada, P; Tejedor, A; Rico, D; Martin-Sanz, P; Valverde, AM; Bosca, L  
Protection against gamma-radiation injury by protein tyrosine phosphatase 1B  
Redox Biology. 2018; 17(1) 213-223. FI: 6,337. Cuartil: 1. (Article).

### ■ 7.02 Fisiopatología e historia natural de las enfermedades hepáticas y gastroenterológicas

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AMERICAN JOURNAL OF TRANSPLANTATION. 2018; 18(10) 2513-2522. FI: 6,165. Cuartil: 1. (Article).

## ■ 7.05B Aspectos fisiológicos y terapéuticos médico-quirúrgicos de las enfermedades respiratorias

- de Miguel-Diez, J; Lopez-de-Andres, A; Hernandez-Barrera, V; de Miguel-Yanes, JM; Mendez-Bailon, M; Munoz-Rivas, N; Jimenez-Garcia, R  
Influence of COPD on outcomes of patients hospitalized with heart failure: Analysis of the Spanish National Hospital Discharge Database (2001-2015)  
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## ■ 7.07 Trasplante renal experimental

- Cano-Velasco, J; Herranz-Amo, F; Barbas-Bernardos, G; Mayor-de Castro, J; Aragon-Chamizo, J; Arnal-Chacon, G; Garcia, EL; Hernandez-Fernandez, C  
Postsurgical complications in patients with renal tumours with venous thrombosis treated with surgery  
Actas Urológicas Espanolas. 2018; 42(8) 531-537. FI: 1,181. Cuartil: 4. (Article).

## ■ 7.22 Fisiopatología neonatal y del desarrollo

- Gil-Jaurena, JM; Gonzalez-Lopez, MT; Pita, A; Perez-Caballero, R; Hervias, M; Blanco, D  
Beating-heart aortic arch surgery in neonates and infants  
Interactive Cardiovascular and Thoracic Surgery. 2018; 27(4) 586-590. FI: 1,857. Cuartil: 3. (Article).

## ■ 7.25 Laboratorio de circulación artificial

- Gil-Jaurena, JM; Gonzalez-Lopez, MT; Pita, A; Perez-Caballero, R; Hervias, M; Blanco, D  
Beating-heart aortic arch surgery in neonates and infants  
Interactive Cardiovascular and Thoracic Surgery. 2018; 27(4) 586-590. FI: 1,857. Cuartil: 3. (Article).
- Munoz, P; Valerio, M; Vasquez, V; Velasquez-Rodriguez, J; Sousa, I; Zatarain, E; Barrio, JM; Ruiz, M; Cuerpo, G; Rodriguez-Abella, H; Hortal, J; Bouza, E; Grp Apoyo Manejo Asistencias Ventr  
Infections in patients after Berlin Heart((R)) EXCOR assist device implantation  
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## ■ 7.27 Farmacia Hospitalaria y Farmacogenómica

- Garcia-Gonzalez, X; Lopez-Tarruella, S; Garcia, MI; Gonzalez-Haba, E; Blanco, C; Salvador-Martin, S; Jerez, Y; Thomas, F; Jarama, M; Saez, MS; Martin, M; Lopez-Fernandez, LA  
Severe toxicity to capecitabine due to a new variant at a donor splicing site in the dihydropyrimidine dehydrogenase (DPYD) gene  
Cancer Management and Research. 2018; 10() 4517-4522. FI: 3,851. Cuartil: 2. (Article).
- Valerio, M; Vena, A; Rodriguez-Gonzalez, CG; de Vega, EC; Mateos, M; Sanjurjo, M; Bouza, E; Munoz, P; COMIC Study Grp Collaborative  
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## ■ 7.31 Fisiopatología de la mujer, del embarazo, parto y puerperio

- Sanz, SC; Pastor, GN; Larroca, SGT  
First-Trimester Biochemical Screening For Low Birth Weight: Clinical Effectiveness of Low Pregnancy-Associated Plasma Protein-A and High Thyroid-Stimulating Hormone  
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Cardiac Rehabilitation Availability and Delivery in Canada: How Does It Compare With Other High-Income Countries?  
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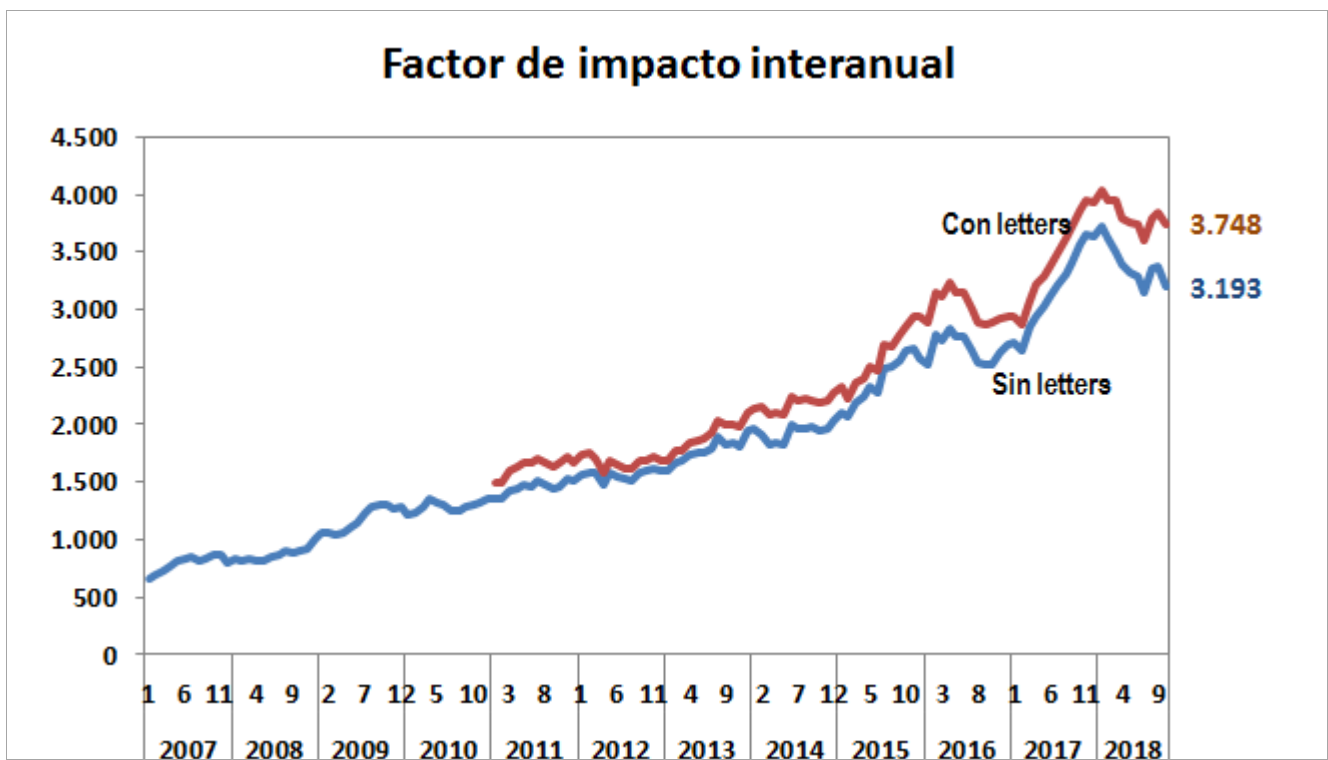
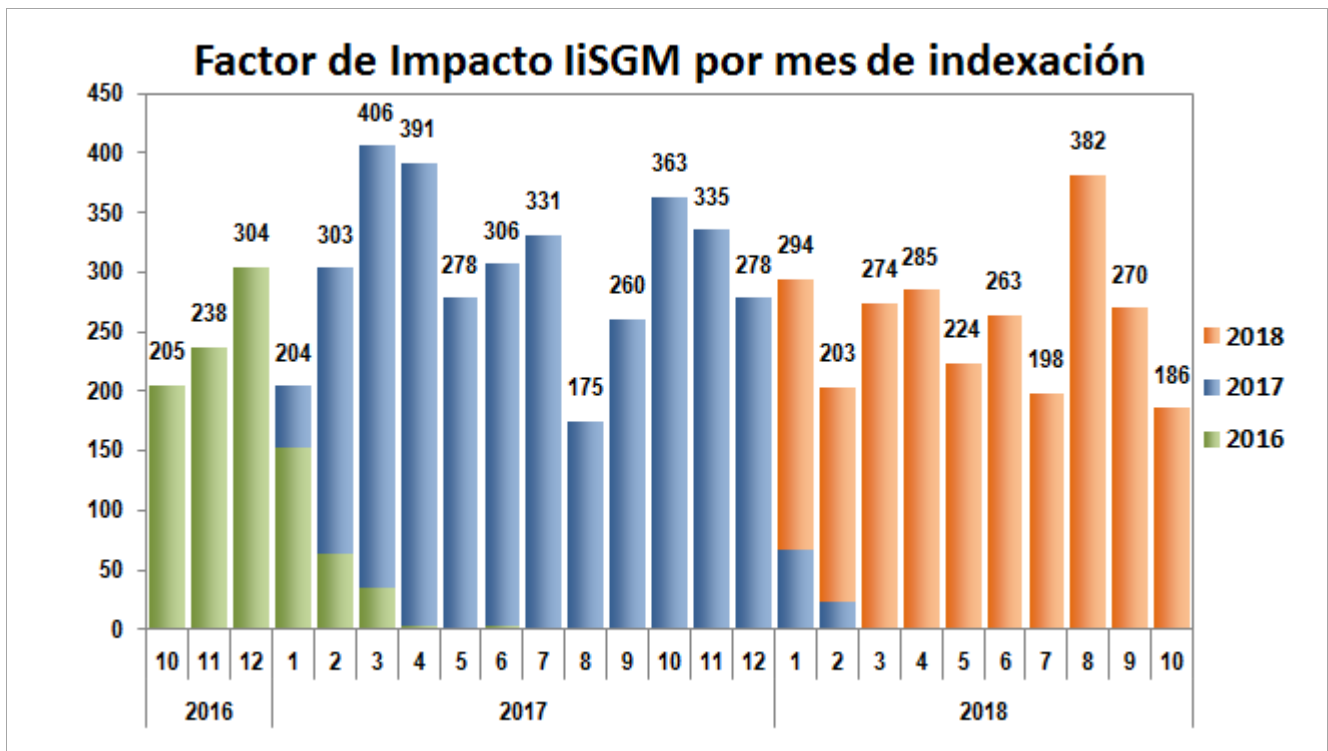
# ÁREA 9: INVESTIGADORES CLÍNICOS ASOCIADOS

## ■ 9.50 INVESTIGADORES CLÍNICOS ASOCIADOS

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# Evolución Factor de Impacto



\* Los datos de Factor de Impacto de 2017 y 2018 han sido calculados con el de 2016

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\* Letters y publicaciones sin factor de impacto indexadas en la WOS

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

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

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### ■ 7.02 Fisiopatología e historia natural de las enfermedades hepáticas y gastroenterológicas

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