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<b>ÁREA 1: INGENIERÍA BIOMÉDICA</b>		
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<b>ÁREA 2: ENFERMEDADES CARDIOVASCULARES</b>		
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▪ 2.06 Lípidos sanguíneos y riesgo cardiovascular	3	6,945
<b>ÁREA 3: NEUROCIENCIA Y SALUD MENTAL</b>		
▪ 3.01 Bases neurobiológicas y psicológicas de los trastornos mentales. Trastornos del neurodesarrollo	5	37,999
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▪ 7.20 Anestesia tóxicos y arritmias	1	2,693
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2019	4	2018	23,39	8	1	
2019	4	2019	178,82	50	21	8
			<b>202,2</b>	<b>58</b>	<b>22</b>	<b>8</b>

	Nº Pub	Suma FI	FI medio
<b>Interanual con Letters</b>	<b>760</b>	<b>3.657</b>	<b>4,81</b>
<b>Interanual sin Letters</b>	<b>694</b>	<b>3.113</b>	<b>4,49</b>

## ÁREA 1: INGENIERÍA BIOMÉDICA

### ■ 1.01 Aplicaciones tecnológicas avanzadas y salud humana

- **Barba-Muller, E; Craddock, S; Carmona, S; Hoekzema, E**  
Brain plasticity in pregnancy and the postpartum period: links to maternal caregiving and mental health  
ARCHIVES OF WOMENS MENTAL HEALTH. 2019; 22(2) 289-299. FI: 2,565. Cuartil: 2. (Article).
- **Carmona, S; Martinez-Garcia, M; Paternina-Die, M; Barba-Muller, E; Wierenga, LM; Aleman-Gomez, Y; Pretus, C; Marcos-Vidal, L; Beumala, L; Cortizo, R; Pozzobon, C; Picado, M; Lucco, F; Garcia-Garcia, D; Soliva, JC; Tobena, A; Peper, JS; Crone, EA; Ballesteros, A; Vilarroya, O; Desco, M; Hoekzema, E**  
Pregnancy and adolescence entail similar neuroanatomical adaptations: A comparative analysis of cerebral morphometric changes  
HUMAN BRAIN MAPPING. 2019; 40(7) 2143-2152. FI: 4,927. Cuartil: 1. (Article).

### ■ 1.02 Tratamiento de la señal

- **Rios-Munoz GR; Arenal A; Artes-Rodriguez A**  
Corrigendum: Real-Time Rotational Activity Detection in Atrial Fibrillation.  
Frontiers in Physiology. 2018; 9() 1260-1260. FI: 3,394. Cuartil: 1. (Article).

## ÁREA 2: ENFERMEDADES CARDIOVASCULARES

### ■ 2.01 Historia natural de la enfermedad cardiaca

- **Bernal E; Ariza-Sole A; Formiga F; Abu-Assi E; Carol A; Galian L; Bayes-Genis A; Saldivar HG; Diez-Villanueva P; Selles MM; Influencia del Diagnostico de Estenosis Aortica Severa (IDEAS) Registry Investig**  
Corrigendum to "Conservative management in very elderly patients with severe aortic stenosis: Time to change?" [J. Cardiol. 69 (6) (2017) 883-887].  
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- **Couto-Mallon, D; Gonzalez-Vilchez, F; Almenar-Bonet, L; Diaz-Molina, B; Segovia-Cubero, J; Gonzalez-Costello, J; Delgado-Jimenez, J; Castel-Lavilla, MA; Crespo-Leiro, MG; Rangel-Sousa, D; Martinez-Selles, M; Rabago-Juan-Aracil, G; De-la-Fuente-Galan, L; Blasco-Peiro, T; Hervas-Sotomayor, D; Garrido-Bravo, IP; Mirabet-Perez, S; Muniz, J; Barge-Caballero, E**  
Prognostic Value of Serum Lactate Levels in Patients Undergoing Urgent Heart Transplant: A Subanalysis of the ASIS-TC Spanish Multicenter Study  
REVISTA ESPANOLA DE CARDIOLOGIA. 2019; 72(3) 208-214. FI: 5,166. Cuartil: 1. (Article).
- **Madonna, R; Van Laake, LW; Botker, HE; Davidson, SM; De Caterina, R; Engel, FB; Eschenhagen, T; Fernandez-Aviles, F; Hausenloy, DJ; Hulot, JS; Lecour, S; Leor, J; Menasche, P; Pesce, M; Perrino, C; Prunier, F; Van Linthout, S; Ytrehus, K; Zimmermann, WH; Ferdinandy, P; Sluijter, JPG**  
ESC Working Group on Cellular Biology of the Heart: position paper for Cardiovascular Research: tissue engineering strategies combined with cell therapies for cardiac repair in ischaemic heart disease and heart failure  
CARDIOVASCULAR RESEARCH. 2019; 115(3) 488-500. FI: 6,29. Cuartil: 1. (Review).
- **Rios-Munoz GR; Arenal A; Artes-Rodriguez A**  
Corrigendum: Real-Time Rotational Activity Detection in Atrial Fibrillation.  
Frontiers in Physiology. 2018; 9() 1260-1260. FI: 3,394. 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**  
Sacubitril/Valsartan in Daily Clinical Practice: Data From a Prospective Registry  
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY. 2019; 73(2) 118-124. FI: 2,227. Cuartil: 3. (Article).
- **Vu, V; Rossini, L; Montes, R; Campos, J; Moon, J; Martinez-Legazpi, P; Bermejo, J; del Alamo, JC; May-Newman, K**  
Mitral Valve Prosthesis Design Affects Hemodynamic Stasis and Shear In The Dilated Left Ventricle  
ANNALS OF BIOMEDICAL ENGINEERING. 2019; 47(5) 1265-1280. FI: 3,405. Cuartil: 1. (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; Jimenez-Garcia, R**  
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- **de Miguel-Yanes, JM; Jimenez-Garcia, R; de Miguel-Diez, J; Hernandez-Barrera, V; Mendez-Bailon, M; Munoz-Rivas, N; Lopez-de-Andres, A**  
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INTERNATIONAL JOURNAL OF CLINICAL PRACTICE. 2019; 73(3) -. FI: 2. Cuartil: 2. (Article).
- **Demelo-Rodriguez, P; Galeano-Valle, F; Garcia-Fernandez-Bravo, I; Piqueras-Ruiz, S; Alvarez-Sala-Walther, L; del Toro-Cervera, J**  
Rivaroxaban for the treatment of venous thromboembolism in real life A single-center prospective study  
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### ■ 3.01 Bases neurobiológicas y psicológicas de los trastornos mentales. Trastornos del neurodesarrollo

- **Bilderbeck AC; Penninx BWJH; Arango C; van der Wee N; Kahn R; Winter-van Rossum I; Hayen A; Kas MJ; Post A; Dawson GR**  
Overview of the clinical implementation of a study exploring social withdrawal in patients with schizophrenia and Alzheimer's disease  
NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS. 2019; 97() 87-93. FI: 8,037. Cuartil: 1. (Article).
- **Downs, J.; Dean, H.; Lechler, S.; Sears, N.; Patel, R.; Shetty, H.; Hotopf, M.; Ford, T.; Kyriakopoulos, M.; Diaz Caneja, CM.; Arango, C; MacCabe, JH.; Hayes, RD.; Pina Camacho, L.**  
Negative Symptoms in Early-Onset Psychosis and Their Association With Antipsychotic Treatment Failure  
SCHIZOPHRENIA BULLETIN. 2019; 45(1) 69-79. FI: 6,944. Cuartil: 1. (Article).
- **Fraguas, D.; Díaz Caneja, CM.; Pina Camacho, L.; Umbricht, D.; Arango, C**  
Predictors of Placebo Response in Pharmacological Clinical Trials of Negative Symptoms in Schizophrenia: A Meta-regression Analysis  
SCHIZOPHRENIA BULLETIN. 2019; 45(1) 57-68. FI: 6,944. Cuartil: 1. (Article).
- **Kas MJ; Penninx B; Sommer B; Serretti A; Arango C; Marston H**  
A quantitative approach to neuropsychiatry: The why and the how  
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- **van der Wee NJA; Bilderbeck AC; Cabello M; Ayuso-Mateos JL; Saris IMJ; Giltay EJ; Penninx BW; Arango C; Post A; Porcelli S**  
Working definitions, subjective and objective assessments and experimental paradigms in a study exploring social withdrawal in schizophrenia and Alzheimer's disease  
NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS. 2019; 97() 38-46. FI: 8,037. Cuartil: 1. (Article).

### ■ 3.03B Enfermedades Neurológicas

- **Calvo, AC; Cibreiro, GA; Merino, PT; Roy, JF; Galiana, A; Rufian, AJ; Cano, JM; Martin, MA; Moreno, L; Larrode, P; Vazquez, PC; Galan, L; Mora, J; Munoz-Blanco, JL; Munoz, MJ; Zaragoza, P; Pegoraro, E; Soraru, G; Mora, M; Lunetta, C; Penco, S; Tarlarini, C; Esteban, J; Osta, R; Redondo, AG**  
Collagen XIX Alpha 1 Improves Prognosis in Amyotrophic Lateral Sclerosis  
Aging and Disease. 2019; 10(2) 278-292. FI: 5,058. Cuartil: 1. (Article).

## ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA

### ■ 4.01 Enfermedades infecciosas

- **Bassetti, M; Scudeller, L; Giacobbe, DR; Lamoth, F; Righi, E; Zuccaro, V; Grecchi, C; Rebuffi, C; Akova, M; Alastruey-Izquierdo, A; Arikan-Akdagli, S; Azoulay, E; Blot, SI; Cornely, OA; Lass-Flörl, C; Koehler, P; Cuenca-Estrella, M; de Lange, DW; De Rosa, FG; De Waele, JJ; Dimopoulos, G; Garnacho-Montero, J; Hoenigl, M; Kanj, SS; Maertens, J; Martin-Loeches, I; Muñoz, P; Kullberg, BJ; Agvald-Ohman, C; Poulakou, G; Rello, J; Sanguinetti, M; Taccone, FS; Timsit, JF; Torres, A; Vazquez, JA; Calandra, T; Grp Infect Critically Patients ESG; Fungal Infect Grp EFISG; European Soc Clinical Microbio Inf; European Soc Intensive Care Med E; European Confederation Med Mycol; Mycoses Grp Educ Res Consortium**  
Developing definitions for invasive fungal diseases in critically ill adult patients in intensive care units. Protocol of the FUNgual infections Definitions in ICU patients (FUNDICU) project  
MYCOSES. 2019; 62(4) 310-319. FI: 2,793. Cuartil: 1. (Article).
- **Collazos-Blanco, A; Perez-Garcia, F; Sanchez-Carrillo, C; de Egea, V; Munoz, P; Bouza, E**  
Estimation of missed bloodstream infections without the third blood culture set: a retrospective observational single-centre study  
CLINICAL MICROBIOLOGY AND INFECTION. 2019; 25(4) 469-473. FI: 5,394. Cuartil: 1. (Article).
- **Ercibengoa, M; Goenaga, MA; Ardanuy, C; Grau, I; Garcia-de-la-Maria, C; Almela, M; Miro, JM; Navas, E; Farinas, MC; de Alegria, CR; de la Torre, J; Fernandez, F; Marin, M; Munoz, P; Orden, B; Oteo, JA; Garcia-Alvarez, L; de Alarcon, A; Jimenez, JAL; Marimon, JM**  
Epidemiological and clinical characteristics of Streptococcus tigurinus endocarditis  
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- **Stargardt T; Eckmann C; Bouza E; Rossolini GM; Grossi PA**  
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EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES. 2018; 37(9) 1619-1619. FI: 2,537. Cuartil: 2. (Article).

## ÁREA 5: PATOLOGÍA DEL SISTEMA INMUNE

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

- **Naredo, E; Janta, I; Baniandres-Rodriguez, O; Valor, L; Hinojosa, M; Bello, N; Serrano, B; Garrido, J**  
To what extent is nail ultrasound discriminative between psoriasis, psoriatic arthritis and healthy subjects?  
RHEUMATOLOGY INTERNATIONAL. 2019; 39(4) 697-705. FI: 1,952. Cuartil: 4. (Article).

- **Segovia, AC; Ledesma, CC; Blazquez, ML; Perez, AP**  
Neonate with cervical tumours  
ANALES DE PEDIATRIA. 2019; 90(4) 256-257. FI: 1,318. Cuartil: 3. (Editorial Material).

## ■ 5.02 Biología molecular del VIH

- **Cena-Diez, R; Martin-Moreno, A; de la Mata, FJ; Gomez-Ramirez, R; Munoz, E; Ardoys, M; Munoz-Fernandez, MA**  
G1-S4 or G2-S16 carbosilane dendrimer in combination with Platycodin D as a promising vaginal microbicide candidate with contraceptive activity  
International Journal of Nanomedicine. 2019; 14( ) 2371-2380. FI: 4,37. Cuartil: 1. (Article).
- **Gutierrez, C; Lopez-Abente, J; Perez-Fernandez, V; Prieto-Sanchez, A; Correa-Rocha, R; Moreno-Guillen, S; Munoz-Fernandez, MA; Pion, M**  
Analysis of the dysregulation between regulatory B and T cells (Breg and Treg) in human immunodeficiency virus (HIV)-infected patients  
PLoS One. 2019; 14(3) -. FI: 2,766. Cuartil: 1. (Article).
- **Macchione, MA; Guerrero-Beltran, C; Rosso, AP; Euti, EM; Martinelli, M; Strumia, MC; Munoz-Fernandez, MA**  
Poly(N-vinylcaprolactam) Nanogels with Antiviral Behavior against HIV-1 Infection  
Scientific Reports. 2019; 9( ) -. FI: 4,122. Cuartil: 1. (Article).
- **Restrepo, C; Gutierrez-Rivas, M; Pacheco, YM; Garcia, M; Blanco, J; Medrano, LM; Navarrete-Munoz, MA; Gutierrez, F; Miralles, P; Dalmau, D; Gomez, JL; Gorgolas, M; Cabello, A; Resino, S; Benito, JM; Rallon, N; Munoz-Fernandez, MA; Spanish AIDS Res Network Project**  
Genetic variation in CCR2 and CXCL12 genes impacts on CD4 restoration in patients initiating cART with advanced immunosuppression  
PLoS One. 2019; 14(3) -. FI: 2,766. Cuartil: 1. (Article).

## ■ 5.03 Enfermedades sistémicas de base autoinmune

- **Gonzalez-Alvaro, I; Castrejon, I; Carmona, L; Dougados, M; Huizinga, T; Abu Shakra, M; Alberts, A; Lopez, MA; Amital, H; Aringer, M; Aslanidis, S; Berenbaum, F; Bijlsma, H; Garcia, FJB; Bliddal, H; Borofsky, M; Brocq, O; Buldakov, S; Cantini, F; Perez, LC; Chahade, W; Ciconelli, R; Codreanu, C; Dahlqvist, SR; Damjanov, N; Diamantopoulos, A; Dimdina, L; Dimic, A; Dorokhov, A; Dubikov, A; Fadienko, G; Fano, N; Ferreira, G; Gabrielli, A; Gaffney, A; Gaudin, P; Gerlag, DM; Gerli, R; Goncalves, CR; Hansen, MS; Hanvivadhanakul, P; Hoili, C; Hou, A; Hunter, J; Ilic, T; Ionescu, R; Kaine, J; Kakurina, N; Kamalova, R; Kelly, T; Knyazeva, L; Krumina, L; Kurthen, R; Lagrone, RP; Lapadula, G; Lavrentjevs, V; Lawson, JG; Lazic, Z; Lejniaks, A; Levy, Y; Lexberg, A; Mader, R; Mariette, X; Markovits, D; Mola, EM; Maugars, Y; Guarach, JM; Mazurov, VI; Mikkelsen, K; Vergles, JM; Nabizadeh, S; Nanagara, R; Nasonov, EL; Sarabia, FN; Neumann, T; Novak, S; Olech, E; Oza, M; Paran, D; Parsik, E; Pegram, S; Suarez, MP; Popova, T; Puechal, X; Raja, N; Ridley, D; Rosner, I; Rubbert-Roth, A; Rudin, A; Sarau, A**  
The comparative responsiveness of Hospital Universitario Princesa Index and other composite indices for assessing rheumatoid arthritis activity  
PLoS One. 2019; 14(4) -. FI: 2,766. Cuartil: 1. (Article).
- **Naredo, E; Janta, I; Baniandres-Rodriguez, O; Valor, L; Hinojosa, M; Bello, N; Serrano, B; Garrido, J**  
To what extent is nail ultrasound discriminative between psoriasis, psoriatic arthritis and healthy subjects?  
RHEUMATOLOGY INTERNATIONAL. 2019; 39(4) 697-705. FI: 1,952. Cuartil: 4. (Article).

## ■ 5.05 Patogenia de la respuesta inmunoalérgica

- **Ibarra, GZ; Aparicio, VF; Herrero, SI; Blanca, M; Remon, LZ**  
Peanut Allergy in Spanish Children: Comparative Profile of Peanut Allergy versus Tolerance  
INTERNATIONAL ARCHIVES OF ALLERGY AND IMMUNOLOGY. 2019; 178(4) 370-376. FI: 2,437. Cuartil: 3. (Article).

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

- **Gutierrez, C; Lopez-Abente, J; Perez-Fernandez, V; Prieto-Sanchez, A; Correa-Rocha, R; Moreno-Guillen, S; Munoz-Fernandez, MA; Pion, M**  
Analysis of the dysregulation between regulatory B and T cells (Breg and Treg) in human immunodeficiency virus (HIV)-infected patients  
PLoS One. 2019; 14(3) -. FI: 2,766. Cuartil: 1. (Article).

# ÁREA 6: ONCOLOGÍA TRASLACIONAL

## ■ 6.01 Oncología interdisciplinar y bio-tecnológica

- **Fernandez-Friera, L; Fuster, V; Lopez-Melgar, B; Oliva, B; Sanchez-Gonzalez, J; Macias, A; Perez-Asenjo, B; Zamudio, D; Alonso-Farto, JC; Espana, S; Mendiguren, J; Bueno, H; Garcia-Ruiz, JM; Ibanez, B; Fernandez-Ortiz, A; Sanz, J**  
Vascular Inflammation in Subclinical Atherosclerosis Detected by Hybrid PET/MRI  
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2019; 73(12) 1371-1382. FI: 16,834. Cuartil: 1. (Article).
- **Gomez-Caamano A; Gonzalez-San Segundo C; Henriquez I; Maldonado X; Zapatero A; Expert Panel for the Consensus on Management of Castration-Resistant Prostate Ca**  
Consensus on management of castration-resistant prostate cancer on behalf of the Urological Tumours Working Group (URONCOR) of the Spanish Society of Radiation Oncology  
CLINICAL & TRANSLATIONAL ONCOLOGY. 2019; 21(4) 420-432. FI: 2,392. Cuartil: 3. (Article).
- **Hernandez, PC; Torrente, IG; Martinez, EV; Fuentes, FT**  
Boerhaave syndrome presenting as gastric emphysema  
CIRUGIA ESPANOLA. 2019; 97(4) 231-231. FI: 0,841. Cuartil: 4. (Editorial Material).

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

- **Alsina M; Rivera F; Ramos FJ; Galan M; Lopez R; Garcia-Alfonso P; Ales-Martinez JE; Queralt B; Anton A; Carrato A; Gravalos C; Mendez-Vidal MJ; Lopez C; de Mena IR; Taberner J; Giral J; Aranda E; Spanish Cooperative Group for the Treatment of Digestive Tumors (TTD) and Grupo**  
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TARGETED ONCOLOGY. 2018; 13(1) 79-79. FI: 3,877. Cuartil: 2. (Article).
- **Cassinello J; Arranz JA; Piulats JM; Sanchez A; Perez-Valderrama B; Mellado B; Climent MA; Olmos D; Carles J; Lazaro M**  
Correction to: SEOM clinical guidelines for the treatment of metastatic prostate cancer (2017).  
CLINICAL & TRANSLATIONAL ONCOLOGY. 2018; 20(1) 110-111. FI: 2,392. Cuartil: 3. (Article).
- **Martin M; de la Torre-Montero JC; Lopez-Tarruella S; Pinilla K; Casado A; Fernandez S; Jerez Y; Puente J; Palomero I; Gonzalez Del Val R; Del Monte-Millan M; Massarrah T; Vila C; Garcia-Paredes B; Garcia-Saenz JA; Lluch A**  
Correction to: Persistent major alopecia following adjuvant docetaxel for breast cancer: incidence, characteristics, and prevention with scalp cooling.  
BREAST CANCER RESEARCH AND TREATMENT. 2018; 171(3) 635-636. FI: 3,605. Cuartil: 2. (Article).

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

- **Osorio S; Escudero-Vilaplana V; Gómez-Centurión I; González-Arias E; García-González X; Díez JL**  
Inadequate response to imatinib treatment in chronic myeloid leukemia due to a drug interaction with phenytoin  
JOURNAL OF ONCOLOGY PHARMACY PRACTICE. 2019; 25(3) 694-698. FI: 1,908. Cuartil: 3. (Article).
- **Rodríguez-Otero, P; Mateos, MV; Martínez-Lopez, J; Hernández, MT; Ocio, EM; Rosinol, L; Martínez, R; Teruel, AI; Gutiérrez, NC; Bargay, J; Bengoechea, E; González, Y; de Oteyza, JP; Gironella, M; Nunez-Cordoba, JM; Encinas, C; Martín, J; Cabrera, C; Palomera, L; de Arriba, F; Cedena, MT; Puig, N; Oriol, A; Paiva, B; Blade, J; Lahuerta, JJ; San Miguel, JF**  
Predicting long-term disease control in transplant-ineligible patients with multiple myeloma: impact of an MGUS-like signature  
Blood Cancer Journal. 2019; 9() -. FI: 8,125. Cuartil: 1. (Article).

# ÁREA 7: PATOLOGÍA DE GRANDES SISTEMAS Y TRASPLANTE DE ÓRGANOS

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

- **Asensio, I; Vaquero, J**  
Growing muscle against cirrhosis: In the quest for models to revealing mechanisms  
LIVER INTERNATIONAL. 2019; 39(4) 625-627. FI: 4,5. Cuartil: 1. (Editorial Material).
- **Taxonera, C; Lopez-Sanroman, A; Vera-Mendoza, I; Domenech, E; Ruiz, VV; Marin-Jimenez, I; Guardiola, J; Castro, L; Esteve, M; Iglesias, E; Ceballos, D; Martínez-Montiel, P; Gisbert, JP; Minguez, M; Echarri, A; Calvet, X; Barrio, J; Hinojosa, J; Martín-Arranz, MD; Marquez-Mosquera, L; Bermejo, F; Rimola, J; Alba, C; Pons, V; Nos, P; Spanish GETECCU Grp APPRECIA Study**  
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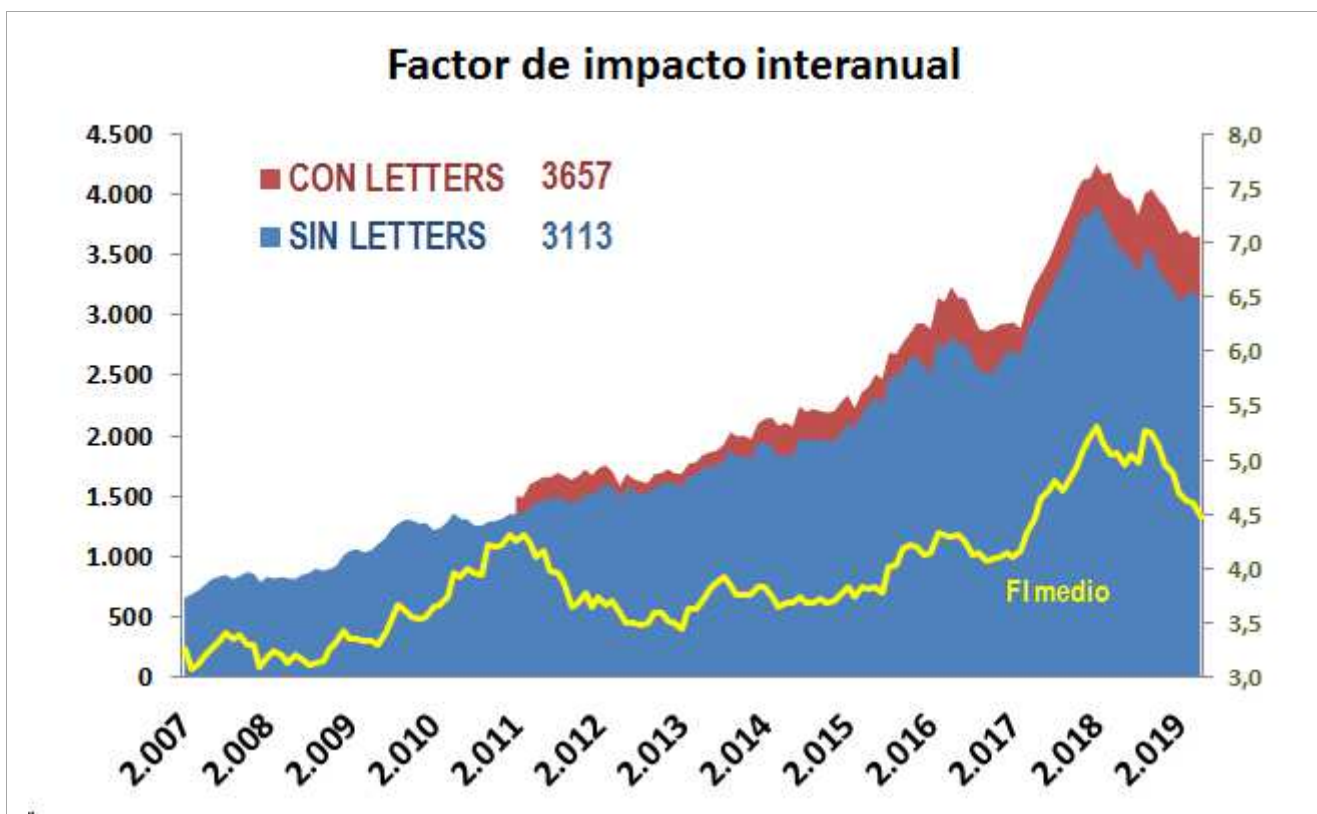
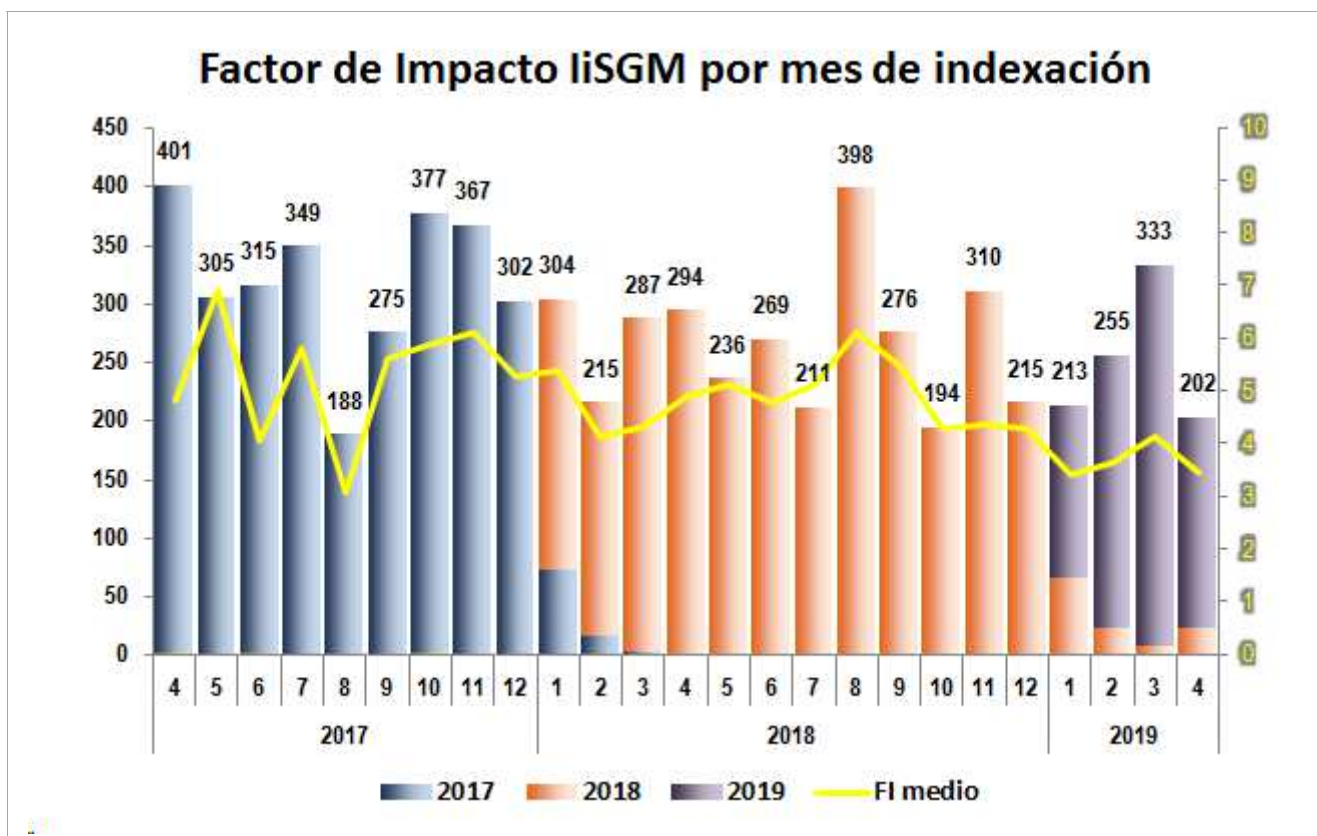
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# Evolución Factor de Impacto



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



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## ÁREA 4: ENFERMEDADES INFECCIOSAS Y SIDA

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- **Bardon-Cancho, EJ; Garrido-Colino, C; Hernandez-Garcia, B; Parra-Blanco, V; Garcia-Morin, M; Cela, E; Dominguez, MC**  
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