

EDITORIAL

Emergencias: holding our own in the top quarter*EMERGENCIAS: el mérito de mantenerse arriba*

Òscar Miró

A few weeks ago Journal Citation Reports (JCR) published the impact factors of the 8,856 journals indexed in 2016 within its Science Citation Index Expanded (SCIE) repertoire. We are very grateful to see how one more year EMERGENCIAS occupies a prominent place in this list, the most reputed one when it comes to the categorization of the scientific magazines in order of relevance. Thus, EMERGENCIAS occupies the ordinal position 1,981 within this list. Most importantly, it is ranked third in the Emergency Medicine category, which includes the top 24 journals in this specialty (Table 1). This is done by a first quartile magazine, that is, it is ranked among 25% of the best journals in its field, as it has been since 2010, when it received its first impact factor¹⁻⁷. On the other hand, among the 76 magazines that are published in Spain, EMERGENCIAS occupies the fourth position, and the second if only taken into account those published in Spanish, only exceeded by *Revista Española de Cardiología*. In addition, it has the privilege of being the only Spanish magazine that is in the first quartile of its specialty (Table 2). This makes EMERGENCIAS a particularly well-considered magazine when it comes to participating in certain public competitions or calls for research grants, where the first quartile magazines have a special significance.

The calculation of the impact factor depends on the citations that the articles of a journal receives in relation to the articles it publishes. Specifically, those relating to the previous two years (2014 and 2015 for the case of the impact factors of 2016, which are the ones that occupy this editorial)^{8,9}. It is worthwhile to show the relationship with which EMERGENCIAS interacts with other journals, both in reference to the journals that EMERGENCIAS cites, and to the journals of which EMERGENCIAS receives these citations (Figure 1). Regarding the first, the authors that publish in EMERGENCIAS use as basis of their studies (and cite) articles published in the main scientific journals in the world, among which we have *Circulation*, *Journal of American College of Cardiology (JACC)*, *European Heart Journal (EHJ)*, *American Journal of Emergency Medicine* and *Resuscitation*. Regarding the second, the

citations to the articles published in EMERGENCIAS also have a wide distribution, and especially those coming from Spanish journals, such as *Medicina Clínica*, *Revista Española de Cardiología*, *Enfermedades Infecciosas y Microbiología Clínica*, and *Emergency Medicine Journal*, apart from those done from EMERGENCIAS magazine itself. The latter is the so-called self-citation, which is the percentage of citations used to calculate the impact factor from the journal itself. In the case of EMERGENCIAS, this percentage was 40.1%, similar to previous years. In general, it is accepted that journals published in a non-English language have a higher self-citation index, and especially if they are in a limited research niche, as is the case of *Emergency Medicine*,

Table 1. Journals indexed in the Emergency Medicine category of Journal Citation Reports with the impact factors corresponding to the year 2016

Sequence Number	Magazine	Impact Factor 2016
1	Resuscitation	5.230
2	Annals of Emergency Medicine	4.728
3	EMERGENCIAS	3.028
4	Academic Emergency Medicine	2.925
5	Prehospital Emergency Care	2.690
6	World Journal of Emergency Surgery	2.282
7	Scandinavian Journal of Trauma Resuscitation & Emergency Medicine	2.036
8	European Journal of Emergency Medicine	2.025
9	Injury-International Journal of The Care Of The Injured	1.894
10	Emergency Medicine Journal	1.861
11	American Journal of Emergency Medicine	1.494
12	Emergency Medicine Australasia	1.478
13	Emergency Medicine Clinics of North America	1.360
14	Canadian Journal of Emergency Medicine	1.311
15	Journal of Emergency Medicine	1.210
16	Pediatric Emergency Care	1.034
17	European Journal of Trauma and Emergency Surgery	0.895
18	Journal of Emergency Nursing	0.795
19	Notfall & Rettungsmedizin	0.529
20	Ulusal Travma Ve Acil Cerrahi Dergisi-Turkish Journal Of Trauma & Emergency Surgery	0.473
21	Unfallchirurg	0.467
22	Notarzt	0.318
23	Signa Vitae	0.136
24	Hong Kong Journal of Emergency Medicine	0.135

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Table 2. Clinical medical journals published in Spain in Spanish or multilingual, ordered according to their impact factor, together with their self-index and the quartile they occupy within their specialty

Magazine's Name	Impact Factor 2016	Self-Citation (%)	Quartile of the specialty
Revista Española de Cardiología	4.485	37.9	Q2
EMERGENCIAS	3.028	40.1	Q1
Archivos de Bronconeumología	2.979	13.9	Q2
Revista De Psiquiatría y Salud Mental	2.227	28.6	Q3
Neurología	2.103	12.5	Q3
Adicciones	2.077	43.5	Q4
Gaceta Sanitaria	1.768	18.3	Q3
Enfermedades Infecciosas y Microbiología Clínica	1.714	13.1	Q3
Revista Española de Enfermedades Digestivas	1.401	20.1	Q4
Actas Españolas de Psiquiatría	1.339	14.6	Q3
Cirugía Española	1.276	13.1	Q3
Medicina Intensiva	1.231	40.3	Q4
Nefrología	1.183	25.0	Q4
Actas Urológicas Españolas	1.181	37.3	Q4
Medicina Oral Patología Oral y Cirugía Bucal	1.156	7.8	Q3
Anales de Pediatría	1.140	23.2	Q3
Medicina Clínica	1.125	12.9	Q3
Endocrinología y Nutrición	1.106	11.2	Q4
Atención Primaria	1.042	13.6	Q4/Q3*
Revista Clínica Española	0.971	22.6	Q3
Revista Española de Medicina Nuclear e Imagen Molecular	0.951	16.3	Q4
Gastroenterología y Hepatología	0.917	19.5	Q4
Revista Española de Quimioterapia	0.750	17.5	Q4/Q4*
Nutrición Hospitalaria	0.747	18.9	Q4
Revista de Neurología	0.743	42.9	Q4
Anales del Sistema Sanitario de Navarra	0.625	52.0	Q4
Neurocirugía	0.548	17.5	Q4/Q4*
Revista Internacional de Medicina y Ciencias de la Actividad Física y del Deporte	0.365	3.0	Q4
Archivos Españoles de Urología	0.323	11.5	Q4
Revista Internacional de Andrología	0.261	58.2	Q4

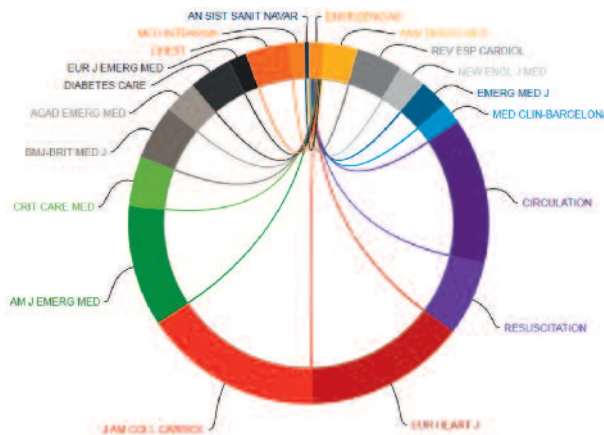
*Magazines indexed in more than one category of Journal Citation Reports.

which is one of the categories with fewer journals included in JCR^{10,11}. As can be seen in Table 2, self-citation among medical journals that are published in Spanish or multilingual generally ranges between 10 and 40%.

Finally, it may be interesting to see the relationships that EMERGENCIAS establishes, in terms of citation, with the journals of its specialty and with which they are published in Spain (Figure 2). In the first case the relationship is very dispersed and no journal is identified with which a more intense relationship is established (something that is evident among the journals of the main American societies of Emergency Medicine and Emergencias). In the second, is striking the relationship of EMERGENCIAS with Revista Española de Cardiología. Possibly this is related to the high cardiovascular research activity carried out by various research groups of emergency medicine, often under the umbrella of the Interest Groups of the Spanish Society of Emergency and Emergency Medicine (SEMES), who have also published some of their best works in the pages of EMERGENCIAS during the last years¹²⁻²². The importance of establishing interactions in this area has been repeatedly stressed and demanded by both cardiologists²³ and by emergency physicians²⁴.

In any case, we believe that the privileged situation in which EMERGENCIAS has stand during the last years in the panorama of the Spanish biomedical journals is nothing more than the reflection of a growing activity and research quality by the Spanish emergency physicians^{11,25,26}. One more sign, if there were not enough, of the maturity that has reached the Specialty of Emergency Medicine in Spain, and that only the Ministry of Health refuses to see ... and to recognize^{27,27-30}.

Quotes published in the journal EMERGENCIAS during 2016



Quotes received in the journal EMERGENCIAS during 2016

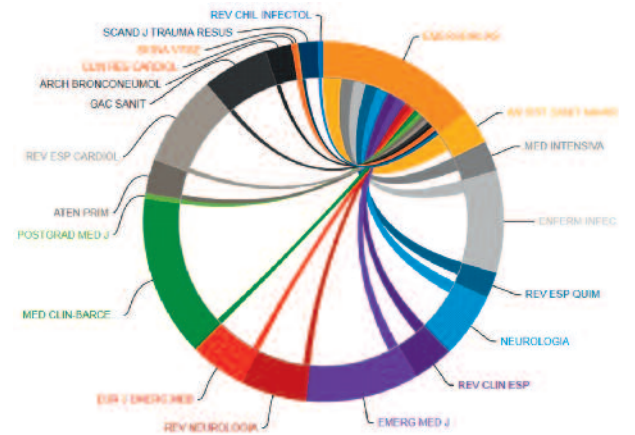
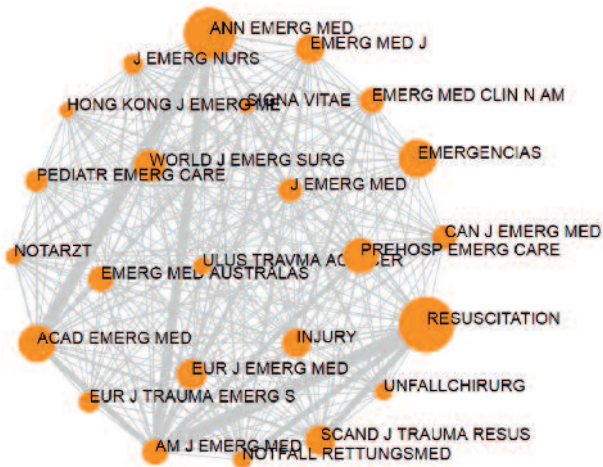


Figure 1. Relationship that EMERGENCIAS established between quotes made (left) or received (right) during the year 2016 with the 20 major journals with which it was related in each case. (Taken from the Journal Citation Reports website, accessed through the Spanish Foundation for Science and Technology: <https://jcr.incites.thomsonreuters.com/JCRJournalHomeAction.action>).

Magazines from the Emergency Medicine category



Magazines edited in Spain

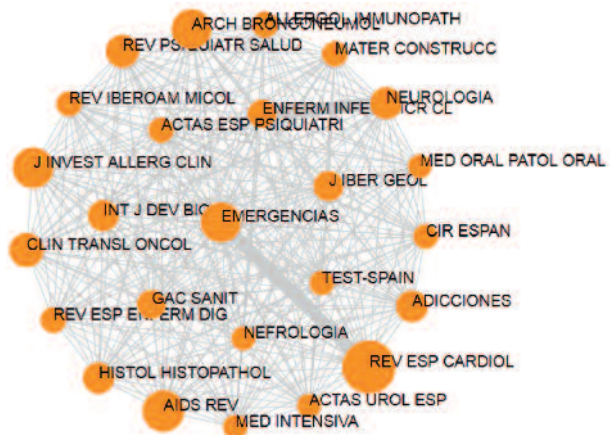


Figure 2. Relationships established by EMERGENCIAS, in terms of citation, with the journals of the Emergency Medicine category (left) and with the journals published in Spain (right). (Taken from the Journal Citation Reports website, accessed through the Spanish Foundation for Science and Technology: <https://jcr.incites.thomsonreuters.com/JCRJournalHomeAction.action>)

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