

Editor's page

Revista Española de Cardiología 2024

Revista Española de Cardiología 2024

Juan Sanchis,^{a,*} Pablo Avanzas,^b David Filgueiras-Rama,^b Pablo García-Pavía,^b and Laura Sanchis^b

^aEditor-in-Chief, Revista Española de Cardiología

^bAssociate Editor, Revista Española de Cardiología



The current editorial team of *Revista Española de Cardiología* (*Rev Esp Cardiol*) was elected in October 2021 for a 3-year term. In May 2024, the Executive Committee of the Spanish Society of Cardiology (SEC) decided to extend its mandate for an additional 3 years. This new phase officially began at the Congress on Cardiovascular Health, held in Bilbao in October 2024. We would like to thank the SEC Executive Committee for its trust in us and express our gratitude to Spanish cardiologists for their support. As in previous years,^{1,2} this article aims to provide updates on the developments related to *Rev Esp Cardiol* over the past year.

EDITORIAL ACTIVITY

One of our main goals upon joining *Rev Esp Cardiol* was to optimize publication times. To this end, we introduced the preliminary proof (preproof) format to accelerate the availability of articles on PubMed,³ ScienceDirect,⁴ and the journal's website.⁵ When an article submitted by the authors in English is accepted for publication, it receives a DOI (digital object identifier) and appears in PubMed in preprint format within approximately 15 days. The interval from acceptance to its formatted publication as an ahead-of-print article is around 40 days. These publication times bring us close to those of the leading cardiovascular scientific journals. Articles submitted in Spanish are typically available on the *Rev Esp Cardiol* website within around 10 days as a preprint with a DOI. However, indexing on PubMed can take around 60 days or longer, due to the time required for translation to English, as PubMed indexes only the English version of our journal.

In total, 450 original articles were submitted in 2024. After the decline observed in the first 2 years following the COVID-19 pandemic, submissions have returned to prepandemic levels (figure 1). The acceptance rate for original articles was approximately 15% (figure 2), while the average review time was 16 days, very similar to that of previous years. This is an excellent timeframe, and we extend our gratitude to our reviewers for their commitment to *Rev Esp Cardiol*. A list of the reviewers who collaborated with *Rev Esp Cardiol* in 2024 is shown in table 1, and a list of the elite reviewers in table 2.

Unlike original articles, the number of scientific letters submitted has increased slightly but has not yet returned to

prepandemic levels (figure 3). We consider the scientific letter an excellent format for publishing hypothesis-generating research that lacks the depth or length required for an original article. As editors, we offer authors the option to submit certain original articles as scientific letters when they are suitable for this format but cannot be published in *Rev Esp Cardiol* as an original article. We hope this alternative is well received by authors.

In August 2024, we launched the new *Rev Esp Cardiol* website,⁵ a key project from this editorial team.² The updated design enhances both user experience and article readability. It features a side menu that improves navigation and provides easy access to the index, tables, figures, and other relevant content. In addition, the journal maintains a strong presence on social media through the REC Publications accounts on X⁶ and Facebook⁷ (22 500 and 11 000 followers, respectively), as well as on the SEC's Instagram⁸ and LinkedIn⁹ accounts. At the end of 2024, REC Publications also launched a profile on Bluesky.¹⁰ We encourage cardiologists active on this emerging platform to follow us there. Our thanks are extended to the REC Publications ICT consultant, Juan Quiles, for his valuable work on social media dissemination.

Rev Esp Cardiol remains committed to promoting research among young cardiologists and internal medicine residents (MIRs). In this regard, as part of the SEC article awards, prizes were given for the best article published by a cardiologist aged 40 years or younger and for the best article with a MIR as the first author.¹¹ Collaboration with the SEC's Clinical Case League¹² has also continued. This involves offering the authors of the 2 best cases the opportunity to adapt them into a scientific letter format for publication in our journal, accompanied by an editorial comment from an expert in the field.

In 2024, we continued publishing expert review articles,^{13–19} special articles,^{20–26} and national registries covering the activity in interventional cardiology, ablation, pacemaker implantation, defibrillator implantation, and heart transplantation.^{27–31} Once again, we produced a special issue containing all the presentations from the 2024 SEC Congress held in Bilbao.³²

IMPACT FACTOR

In the most recent edition of the *Journal Citation Reports*, the impact factor (IF) of *Rev Esp Cardiol* achieved a historic record of 7.2 (figure 4). The journal ranks 24th out of 222 in the cardiovascular category. It is positioned at the upper end of the first quartile and just 2 places away from the first decile, with self-citations below 10%—an all-time low. These are undoubtedly very satisfactory results.

* Corresponding author.

E-mail address: recpublications@secardiologia.es (J. Sanchis).

✉ <https://doi.org/10.1016/j.rec.2025.01.022>

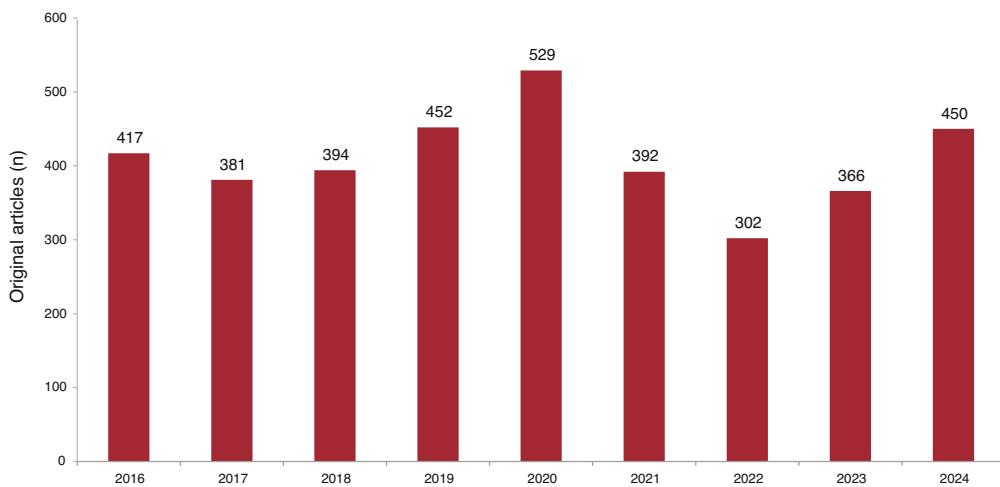


Figure 1. Number of original articles submitted to *Rev Esp Cardiol* for assessment, 2016-2024.

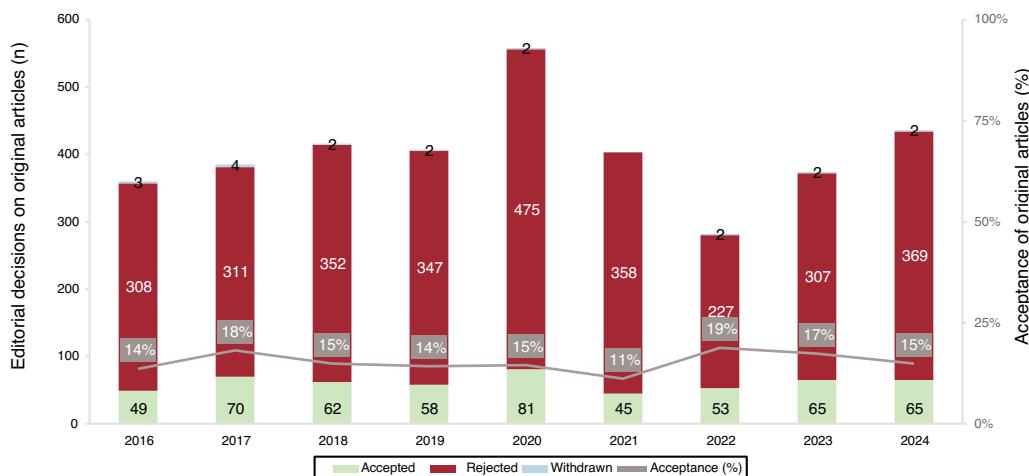


Figure 2. Editorial decisions on original articles submitted to *Rev Esp Cardiol* for assessment, 2016-2024.

Although being an imperfect indicator of a journal's quality, IF is the most widely recognized. Its final value can be influenced by factors that are difficult to control. For example, in this latest IF, the Spanish translation of the PRISMA guidelines for reporting reviews and meta-analyses, published in 2021, generated a large number of citations.³³ The second most frequently cited article was a review on survival analyses in cardiovascular research by Rossello et al.³⁴ Between 2021 and 2023, articles related to COVID-19 and the Spanish translations of the European clinical practice guidelines and the PRISMA guidelines³³ contributed to boosting the IF of *Rev Esp Cardiol*. However, these factors will not affect the 2024 IF, which is set to be announced in 2025. The editorial team views this future scenario as an opportunity to more accurately assess *Rev Esp Cardiol's* standing among cardiovascular journals with a strong IF.

ANALYSIS OF THE ARTICLES RECEIVED

The number of original articles received, organized by topic-based categories, is shown in figure 5. *Cardiomyopathies and heart failure*, together with *Epidemiology, risk factors, and prevention* account for the largest number of submissions, followed by *Ischemic heart disease* and *Interventional cardiology*.

Figure 6 shows the original articles submitted, organized by country of origin. Submissions from Spanish authors continue to predominate, but there has been an increase in articles from Asia, mainly China and Korea. The number of articles from European countries has remained stable, at levels similar to previous years. Out of the total of 450 original articles submitted, 347 (77%) were written in English as the primary language, indicating that many Spanish authors choose to submit their work in English.

The editorial team is deeply grateful for the contributions from Spanish authors, who remain the mainstay of *Rev Esp Cardiol*. With this in mind, we have asked the Scientific Associations and Sections of the SEC to allow us to be present at their annual meetings. Our aim is to encourage these entities to view *Rev Esp Cardiol* as the natural platform for publishing their research results, gather suggestions and feedback, and discuss the impact of articles related to their specific fields on the journal. We are very pleased with the positive response to this initiative and plan to attend all annual meetings.

COLLOQUIUM ON THE OCCASION OF THE 75TH ANNIVERSARY OF REV ESP CARDIOL

In 2024, the commemorative video "Revista Española de Cardiología: 75 años en el corazón de la investigación cardiovascular"

Table 1

Professionals who collaborated as reviewers for *Revista Española de Cardiología* in 2024

Álvaro Aceña
Juan Acosta
Finn Akerström
Alejandro Alcaine
Manuel Alcázar
Guillermo Aldama
Josep M. Alegret
Fernando Alfonso
Luis Almenar
Manuel Almendro
Gonzalo L. Alonso
Joaquín Alonso
Pau Alonso
Rafael Alonso-González
Alberto Alperi
Miguel Álvarez
Jesús Álvarez-García
Carlos A. Álvarez-Ortega
Ignacio J. Amat
Dominick Angiolillo
Manuel Anguita
María Anguita
Eduardo Arana
Carlos Arellano
Miguel Á. Arias
Albert Ariza
Pedro Armario
Ángel Aroca
Vicente Arrarte
Antonio Arrebola
Ramón Arroyo
Néstor Báez
Enrique J. Balbacid
Alfredo Bardají
Eduardo Barge
Óscar Barquero
Ana Barradas
Manuel Barreiro
Roberto Barriales
María T. Barrio
Vivencio Barrios
Teresa Bastante
Antoni Bayés-Genís
José A. Baz
Víctor Bazán
Alberto Berenguer
Javier Bermejo
Francisco J. Bermúdez
Marcelino Bermúdez
J. Luis Bernal
Zorba Blázquez
Clara Bonanad
Luis Borrego
Javier Borrego
Montserrat Bret
Sem Briongos

Table 1 (Continued)

Professionals who collaborated as reviewers for *Revista Española de Cardiología* in 2024

José J. Broseta
Héctor Bueno
Daniel Calle
Francisco E. Calvo
Naiara Calvo
Miguel Camafort
Óscar Campuzano
Victoria Cañadas-Godoy
Pedro Caravaca
Juan Caro
Amelia Carro
Antonio Cartón
Germán Cediel
Fernando Centeno
Pedro Cepas
María Cespón
Francisco J. Chorro
Fernando Civeira
Rafael Cobas
Marta Cobo
Luciano Consuegra-Sánchez
Xavier Continente
Alberto Cordero
Juan Cosín-Sales
Eliecer Coto
David Couto
Ignacio Cruz
Héctor Cubero
Guillermo Cuervo
Regina Dalmau
Tomás Datino
José A. de Agustín
Arístides de Alarcón
Fernando de Frutos
Javier de Juan Bagudá
Rafael E. de la Espriella
Jesús M. de la Hera
José M. de la Torre-Hernández
Irene R. Dégano
Raquel del Valle
Juan F. Delgado
Mónica Delgado
Victoria Delgado
Jesús Díaz-Gutiérrez
Elena Díaz-Peláez
Emiliano R. Díez
Javier Díez
Felipe Díez-Delhoyo
Carles Díez-López
Pablo Díez-Villanueva
David Dobarro
Adelina Doltra
Alberto Domínguez-Rodríguez
Fernando Domínguez-Rodríguez
Luis M. Domínguez-Rodríguez
Laura Dos

Table 1 (Continued)

Professionals who collaborated as reviewers for <i>Revista Española de Cardiología</i> in 2024
Sonia Eiras
Rocío Eiros
Jaime Elízaga
Francisco J. Elola
Cristina Enjuanes
Carlos Escobar
Laura Escolà
Pilar Escribano
Juan M. Escudier
Alberto Esteban
Vicente Estrada
Julio I. Farjat
Ángel L. Fernández
Juan Fernández-Armenta
Agustín Fernández-Cisnal
José A. Fernández-Díaz
Leticia Fernández-Friera
Covadonga Fernández-Golfín
Nuria Fernández-Hidalgo
Rosa Fernández-Olmo
Carlos Fernández-Palomeque
Diego Fernández-Rodríguez
María Fernández-Velasco
Marcos Ferrández
Ignacio Ferreira-González
José L. Ferreiro
Carlos Ferrera
Eduardo J. Flores
Adolfo Fontenla
Eduardo Franco
Xavier Freixa
Carlos Galán
María Gallego-Delgado
Bruno García del Blanco
Ana García-Álvarez
Alberto García-Lledó
Inés García-Lunar
Xavier García-Moll
Rocío García-Orta
Antonio García-Quintana
José A. García-Robles
Arturo García-Touchard
Carlos García Santos-Gallego
Juan R. Gimeno
Cristina Goena
Manuel Gómez-Bueno
Juan J. Gómez-Doblas
Javier Gómez-Herrero
Joan A. Gómez-Hospital
Antonio González-Calle
David González-Calle
José González-Costello
Juan J. González-Ferrer
José R. González-Juanatey
Arantxa González-Miqueo
Violeta González-Salvado

Table 1 (Continued)

Professionals who collaborated as reviewers for <i>Revista Española de Cardiología</i> in 2024
José M. González-Santos
Esteban González-Torrecilla
Francisco González-Vilchez
José L. Górriz
Antonio Grande
Enrique Gutiérrez-Ibañez
Gabriela Guzmán-Martínez
Felipe Hernández-Hernández
Daniel Hernández-Vaquero
Ignacio Iglesias-Gárriz
Benedetta Izzi
Carmen Jiménez
Javier Jiménez-Candil
Juan Jiménez-Jáimez
Pilar Jiménez-Quevedo
Cesar Jiménez-Méndez
Manuel F. Jiménez-Navarro
Santiago Jiménez-Valero
Pablo Jorge
Alfonso Jurado-Román
Juan C. Kaski
Juan P. Kaski
Won-Keun Kim
Giulio La Rosa
Francisco Leyva
Gregory Lip
Pau Llácer
Pablo Loma-Osorio
María P. López
Juan C. López-Azor
Esteban López-de-Sá
José López-Haldón
Ramón López-Palop
José López-Sendón
Rebeca Lorca
Íñigo Lozano
Cristina Lozano
Alejandro Lucía
Raquel Luna
Álvaro Macías
Alfonso Macías
Patricia Mahía
Sergio Manzano-Fernández
Francisco Marín
Manlio F. Márquez
María Martín
Pilar Martín-Fernández
Pedro Martínez
Isaac Martínez-Bendayán
Luis Martínez-Dolz
Eduardo Martínez-Gómez
Miguel A. Martínez-González
M. del Mar Martínez-Quesada
Manuel Martínez-Sellés
Jesús Mateo de Castro
M. Pilar Mazón

Table 1 (Continued)

Professionals who collaborated as reviewers for *Revista Española de Cardiología* in 2024

Hernán D. Mejía
Guimara Mendieta
José L. Merino
Susana Merino
Dolores Mesa-Rubio
Ángel L. Miracle
José M. Miró
Cristina Mitroi
Pedro Moliner
Lluís Mont
Silvia Montserrat
Raúl Moreno
Herminio Morillas
Carlos A. Morillo
Ignacio Mosquera
Roberto Muñoz-Aguilera
José Nativi
Luis Nombela
Francisco J. Noriega
Jorge Nuche
Julio Núñez
Iván J. Núñez-Gil
Estefanía Núñez-Sánchez
Soledad Ojeda
Carmen Olmos
Jara Gayán
Patricia Palau
Manuel Pan
Ana Pardo
Federico Paredes
Rocío Párraga
Isaac Pascual
Domingo A. Pascual-Figal
Pablo Pastor
Francisco J. Pastor-Pérez
Pablo Pazos
Rafael Peinado
María L. Peña
Armando Pérez de Prado
Diego Pérez
Esther Pérez-David
Carlos N. Pérez-García
Jesús C. Peteiro
John W. Pickering
Eduardo Pinar
Fausto J. Pinto
Gonzalo Pizarro
Julia Playán
Marta Pombo
Andreu Porta
Francisco Portela
Eduardo Pozo
Susanna Prat
Raquel Prieto
Juan Quiles
Eduard Quintana

Table 1 (Continued)

Professionals who collaborated as reviewers for *Revista Española de Cardiología* in 2024

Ez Aladdin Rajjoub Al-Mahdi
Raúl Ramallal
Julia Ramírez
Antonio Ramos
Sergio Raposeiras-Roubín
Carlos Real
Alejandro Recio
Ander Regueiro
Elena Revuelta
Tomás Ripoll
Mercedes Rivas
Ricardo Rivera
Ainhoa Robles
Ivo Roca
Moisés Rodríguez-Mañero
Daniel Rodríguez-Muñoz
Luis Rodríguez-Padial
José F. Rodríguez-Palomares
Rafael Romaguera
Sandra O. Rosillo
José Rozado
María Rubini
José Ruiz-Cantador
Juan M. Ruiz-Nodar
Manel Sabaté
Ricardo Salgado
Luisa Salido
Pablo Salinas
Adriana Saltijeral
José A. San Román
Rosa M. Sánchez-Hernández
Ángel Sánchez-Recalde
Miriam Sandín
Enrique Santas
Fernando Sarnago
Sebastian I. Sarvari
Aida Serra
Lorenzo Silva
Alessandro Sionis
Marta Sitges
Joan Soriano
Juan Tamargo
Gabriela Tirado
Coloma Tirón
José M. Tolosana
Jorge Toquero
Javier Torres
Yale T. Chen
José Tuñón
Leire Unzué
Aitor Uribarri
Ravi Vazirani
Óscar Á. Vedia
Job Verdonschot
Rafael Vidal
Isidre Vilacosta

Table 1 (Continued)

Professionals who collaborated as reviewers for *Revista Española de Cardiología* in 2024

Gemma Vilahur
Eduardo Villacorta
David Vivas
Jeong H. Yang
Raquel Yotti
Juan I. Zabala
Eduardo Zatarain
Isabel Zegri
Esther Zorio

Table 2

Elite reviewers for *Revista Española de Cardiología* in 2024

Guillermo Aldama
Fernando Alfonso
Alberto Alperi
Pablo Díez-Villanueva
Fernando Domínguez-Rodríguez
José L. Ferreiro
Ramón López-Palop
Juan M. Ruiz-Nodar
Enrique Santas
Eduardo Zatarain

(“*Revista Española de Cardiología*: 75 years at the heart of cardiovascular research”) was released to celebrate the journal’s 75th anniversary.³⁵ This colloquium brought together the journal’s editors-in-chief since the 1990s (Francisco Fernández-Avilés, Xavier Bosch, Fernando Alfonso, Ignacio Ferreira, and Juan Sanchis) to reflect on the journal’s development, as well as its past, present, and future challenges. We would like to thank the editorial office (especially Iria del Río and Belén Juan) and the SEC audiovisual team (José Luis Vázquez) for their tremendous effort and dedication in preparing and producing this piece, which aims to

document the success of *Rev Esp Cardiol*. We encourage anyone with an interest in the world of scientific publishing to watch this colloquium.³⁵

REC PUBLICATIONS

*REC: CardioClinics*³⁶ and *REC: Interventional Cardiology*³⁷ continue to advance journey in the competitive field of cardiovascular journals. It is essential that Spanish cardiologists keep these

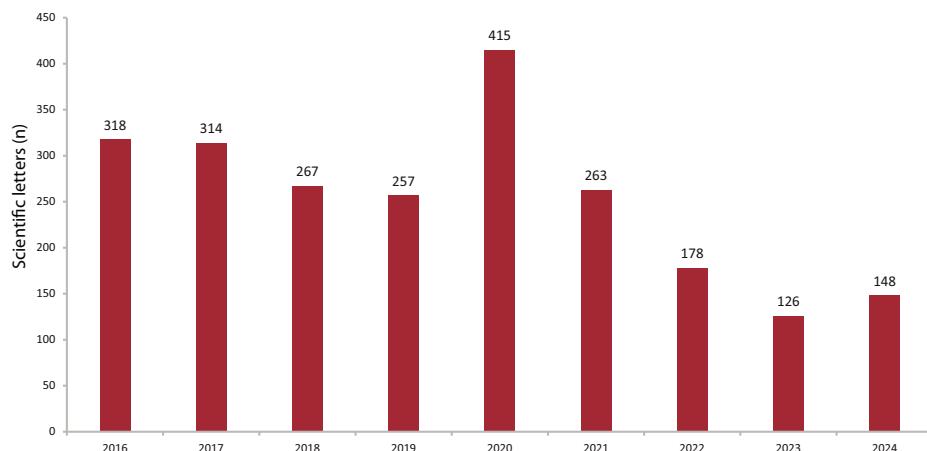


Figure 3. Number of scientific letters submitted to *Rev Esp Cardiol* for assessment, 2016-2024.

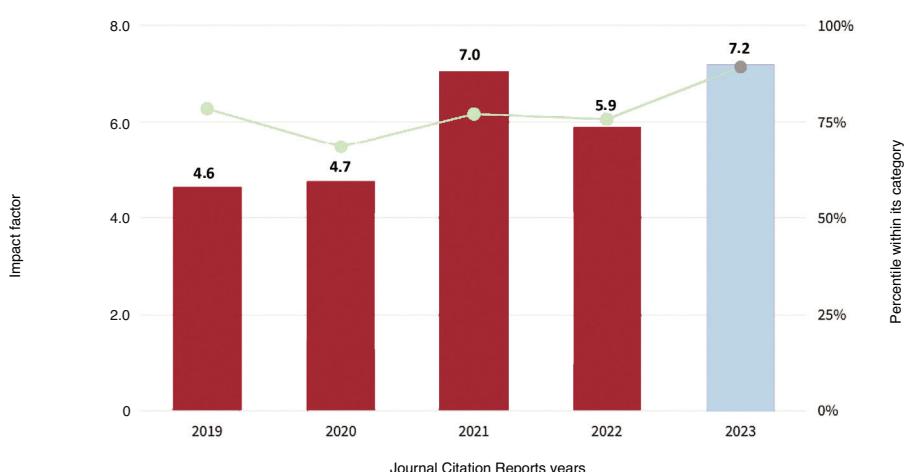


Figure 4. Impact factor for *Rev Esp Cardiol*, 2019-2023.

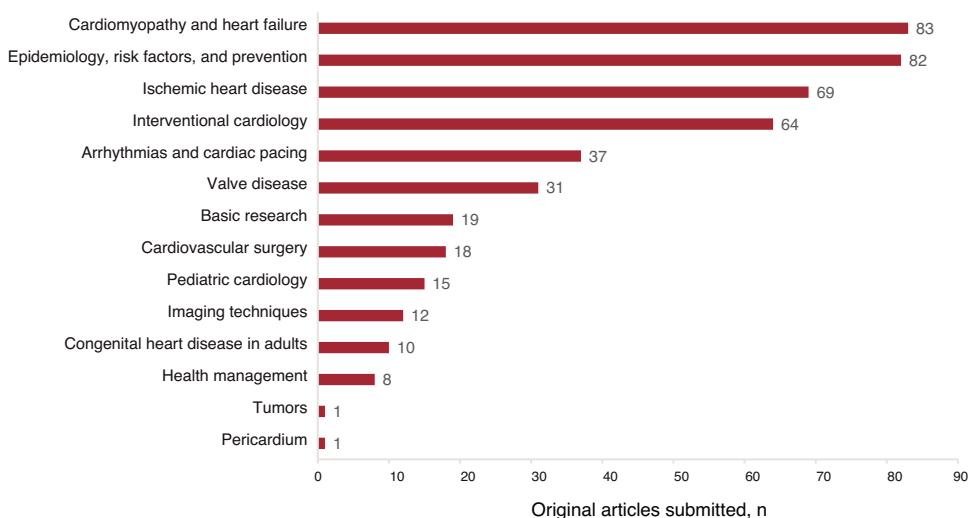


Figure 5. Original articles submitted to *Rev Esp Cardiol* for assessment in 2024 by topic-based category.

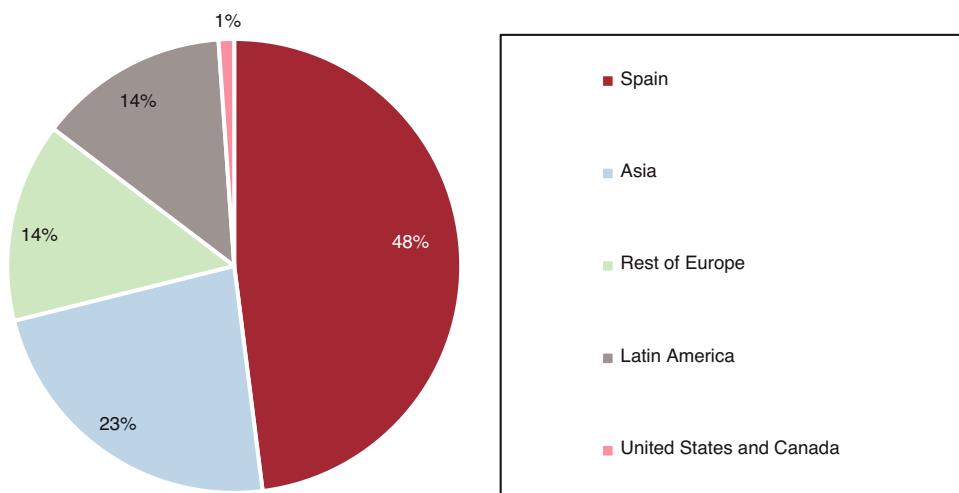


Figure 6. Origin of original articles submitted to *Rev Esp Cardiol* for assessment in 2024.

journals in mind. REC: *Interventional Cardiology* has firmly established its IF within the cardiovascular journal category, and its next goal is to be indexed in Medline. Meanwhile, REC: *CardioClinics* is receiving an increasing number of submissions and is currently awaiting assessment for indexing in the *Web of Science*.

FINAL COMMENTS

Rev Esp Cardiol faces the ongoing challenge of positioning itself among the top cardiovascular journals in the coming years. Cardiovascular research in Spain plays an essential role in achieving this goal. We wish to highlight the mutual commitment between *Rev Esp Cardiol* and Spanish cardiologists and to express our gratitude for the unwavering support of the SEC and its executive committees. Together, we must continue to promote and strengthen excellence in cardiovascular research in Spain.

FUNDING

None.

CONFLICTS OF INTEREST

None.

ACKNOWLEDGEMENTS

We would like to express our gratitude to the editorial office (Eva M. Cardenal, María González, Belén Juan, and Iria del Río) for their outstanding professional work and dedication. We also extend our thanks to the translation and proofreading teams, whose longstanding collaboration has been vital to our journal. The English version continues to benefit from an outstanding team of professionals, coordinated by Gail Craigie, our copyeditor. The diligent work of these teams ensures the journal's bilingual nature and is essential to maintaining our international prestige, which reflects the global reach of Spanish cardiology. Finally, we wish to thank all the departments of Casa del Corazón for their ongoing efforts and support, which help to enhance the visibility of our journal.

REFERENCES

1. Sanchis J, Avanzas P, Filgueiras-Rama D, García-Pavía P, Sanchis L. Revista Española de Cardiología 2022. *Rev Esp Cardiol.* 2023;76:370–378.
2. Sanchis J, Avanzas P, Filgueiras-Rama D, García-Pavía P, Sanchis L. Revista Española de Cardiología 2023. *Rev Esp Cardiol.* 2024;77:418–425.
3. PubMed - NIH NLM. Available at: <https://pubmed.ncbi.nlm.nih.gov/>. Accessed 14 Jan 2024.
4. ScienceDirect. Available at: <https://www.sciencedirect.com/>. Accessed 14 Jan 2024.
5. Rev Esp Cardiol. Available at: <https://www.revespcardiol.org/>. Accessed 8 Jan 2024.
6. REC Publications [@RevEspCardiol]. X. Available at: <https://x.com/revespcardiol>. Accessed 14 Jan 2025.
7. Revista Española de Cardiología Publications. Facebook. Available at: <https://www.facebook.com/revespcardiol>. Accessed 9 Jan 2025.
8. Sociedad Española de Cardiología [@secardiologia]. Instagram. Available at: <https://www.instagram.com/secardiologia>. Accessed 9 Jan 2025.
9. Sociedad Española de Cardiología. LinkedIn. Available at: <https://es.linkedin.com/company/sociedad-espanola-de-cardiologia>. Accessed 9 Jan 2025.
10. REC Publications [@revespcardiol.bsky.social]. Bluesky. Available at: <https://bsky.app/profile/revespcardiol.bsky.social>. Accessed 9 Jan 2025.
11. Sociedad Española de Cardiología. Ganadores premios 2024. Available at: <https://secardiologia.es/cientifico/becas-y-premios/ganadores-convocatoria/15296-convocatoria-ganadores-2024>. Accessed 14 Jan 2025.
12. Sociedad Española de Cardiología. Liga de los casos clínicos. Available at: <https://ligacasosclinicos.com/>. Accessed 14 Jan 2025.
13. Real C, Pérez-García CN, Galán-Arriola C, García-Lunar I, García-Álvarez A. Right ventricular dysfunction: pathophysiology, experimental models, evaluation, and treatment. *Rev Esp Cardiol.* 2024;77:957–970.
14. Banegas JR, Sánchez-Martínez M, Gijón-Conde T, et al. Numerical values and impact of hypertension in Spain. *Rev Esp Cardiol.* 2024;77:767–778.
15. López J, Olmos C, Fernández-Hidalgo N. New developments in infective endocarditis. *Rev Esp Cardiol.* 2024;77:779–787.
16. Ding WY, Calvert P, Lip GYH, Gupta D. Novel stroke prevention strategies following catheter ablation for atrial fibrillation. *Rev Esp Cardiol.* 2024;77:690–696.
17. Martínez-González MÁ, Hernández Hernández A. Effect of the Mediterranean diet in cardiovascular prevention. *Rev Esp Cardiol.* 2024;77:574–582.
18. Starr N, Ioannou A, Martinez-Naharro A. Monitoring cardiac amyloidosis with multimodality imaging. *Rev Esp Cardiol.* 2024;77:79–87.
19. Fáfila Rubio I, Lozano-Granero C, Vidal-Pérez R, Barrios V, Freixa-Pamias R. New technologies for the diagnosis, treatment, and monitoring of cardiovascular diseases. *Rev Esp Cardiol.* 2024;77:88–96.
20. Núñez-Gil JJ, Rodríguez-Caulo EA, García-Cosío MD, et al. Cardiovascular surgery and cardiology, current status of two sister specialties in Spain: the CARDIOX-CARDIO study. *Rev Esp Cardiol.* 2024;77:759–766.
21. Valderrama P, Carugati R, Sardella A, et al. 2024 SIAC guidelines on cardiorespiratory rehabilitation in pediatric patients with congenital heart disease. *Rev Esp Cardiol.* 2024;77:680–689.
22. La Rosa G, Morillo CA, Quintanilla JG, et al. Practical approach for atrial cardiomyopathy characterization in patients with atrial fibrillation. *Rev Esp Cardiol.* 2024;77:656–666.
23. Domínguez F, Uribarri A, Larrañaga-Moreira JM, et al. Diagnosis and treatment of myocarditis and inflammatory cardiomyopathy. Consensus document of the SEC-Working Group on Myocarditis. *Rev Esp Cardiol.* 2024;77:667–679.
24. Llacer P, Romero G, Trullàs JC, et al. Consensus on the approach to hydrosaline overload in acute heart failure. SEMI/SEC/S.E.N. recommendations. *Rev Esp Cardiol.* 2024;77:556–565.
25. Tello Montoliu A, Olea González A, Pujante Escudero Á, et al. Cardiovascular considerations on recreational scuba diving. SEC-Clinical Cardiology Association/SEC-Working Group on Sports Cardiology consensus document. *Rev Esp Cardiol.* 2024;77:566–573.
26. González-Costello J, Pérez-Blanco A, Delgado-Jiménez J, et al. Review of the allocation criteria for heart transplant in Spain in 2023. SEC-Heart Failure Association/ONT/SECCE consensus document. *Rev Esp Cardiol.* 2024;77:69–78.
27. Bastante T, Arzamendi D, Martín-Moreiras J, Cid Álvarez AB. Spanish cardiac catheterization and coronary intervention registry. 33rd official report of the Interventional Cardiology Association of the Spanish Society of Cardiology (1990–2023). *Rev Esp Cardiol.* 2024;77:936–946.
28. Bazan V, Arana E, Rubio-Campal JM, et al. Spanish catheter ablation registry. 23rd official report of the Heart Rhythm Association of the Spanish Society of Cardiology (2023). *Rev Esp Cardiol.* 2024;77:1026–1036.
29. Molina-Lerma M, Cázar-León R, García-Fernández FJ, Calvo D. Spanish pacemaker registry. 21st official report of Heart Rhythm Association of the Spanish Society of Cardiology (2023). *Rev Esp Cardiol.* 2024;77:947–956.
30. Osca Asensi J, Fernández Lozano I, Alzueta Rodriguez J, Calvo D. Spanish implantable cardioverter-defibrillator registry. 20th official report of the Heart Rhythm Association of the Spanish Society of Cardiology (2023). *Rev Esp Cardiol.* 2024;77:1037–1049.
31. González-Vilchez F, Almenar-Bonet L, Mitroi C, et al. Spanish heart transplant registry. 35th official report of the Heart Failure Association of the Spanish Society of Cardiology. *Rev Esp Cardiol.* 2024;77:926–935.
32. SEC 2024 - El Congreso de la Salud Cardiovascular. *Rev Esp Cardiol.* 2024; 77.(Supl 1).
33. Page MJ, McKenzie JE, Bossuyt PM, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. *Rev Esp Cardiol.* 2021;74:790–799.
34. Rossello X, González-del-Hoyo M. Survival analyses in cardiovascular research, part II: statistical methods in challenging situations. *Rev Esp Cardiol.* 2022;75:77–85.
35. Revista Española de Cardiología: 75 años en el corazón de la investigación cardiovascular. Available at: <https://youtu.be/-VMfkjtwiu4>. Accessed 8 Jan 2025.
36. REC: CardioClinics. Available at: <https://www.reccardioclinics.org>. Accessed 8 Jan 2025.
37. REC: Interventional Cardiology. Available at: <https://www.recintervcardiol.org/>. Accessed 8 Jan 2025.