

PUBLICATION LIST

Publication of a book, co-edition of 4 books/special issues, 33 book chapters and more than 120 articles in international journals (31 as first author and 45 as second or last author)

Books

Sánchez Goñi, M.F. 1993. *De la taphonomie pollinique à la reconstitution de l'environnement : l'exemple de la région cantabrique*. British Archaeological Reports, International Series 586, Oxford, 207 p.

Co-editor of book and special issues

Landais, A. & **Sánchez Goñi, M.F.** (Coordinatrices, 2017) Q10 Paléoclimats et environnements quaternaires, quoi de neuf sous le soleil ? **Quaternaire** 28 : 135-293.

Sánchez Goñi, M.F. & Harrison, S.P. (Guest Editors, 2010) Vegetation Response to Millennial-scale Variability during the Last Glacial. **Quaternary Science Reviews** Special issue 29: 2823-2980.

Abrantes, F., Ruehleemann, C., **Sánchez Goñi, M.F.** & Voelker, A. (Guest Editors, 2009) Circum-Iberia Paleoceanography and Paleoclimate: What Do We Know? **Geochemistry, Geophysics, Geosystems** 10(4):Q04U04

Sirocko, F., Claussen, M., **Sánchez Goñi, M.F.** & Litt, T. (eds.) *The climate of past interglacials*. Elsevier, Amsterdam, 2007.

Book chapters

33. Fletcher, W.J., **Sánchez Goñi, M.F.**, Naughton, F., Seppä, H. (2024) Introduction to the Holocene climate, p. 65-72. In « European Glacial Landscapes », Elsevier.

32. Fletcher, W.J., **Sánchez Goñi, M.F.**, Naughton, F., Seppä, H. (2024) Greenlandian Stage (Early Holocene, 11.7–8.2 ka), p. 73-87. In « European Glacial Landscapes », Elsevier.

31. Fletcher, W.J., **Sánchez Goñi, M.F.**, Naughton, F., Seppä, H. (2024) Northgrippian Stage (Middle Holocene, 8.2–4.2 ka), p. 89-104. In « European Glacial Landscapes », Elsevier.

30. Gauld, J., Fletcher, W.J., **Sánchez Goñi, M.F.**, Naughton, F., Seppä, H. (2024) Meghalayan stage (Late Holocene, 4.2 ka–present), p. 105-126. In « European Glacial Landscapes », Elsevier.

29. Fletcher, W.J., **Sánchez Goñi, M.F.**, Naughton, F., Seppä, H. (2024) Synthesis and perspectives: drivers, rhythms, and spatial patterns of Holocene climate change, p. 127-146. In « European Glacial Landscapes », Elsevier.

28. Naughton, F., **Sánchez Goñi, M.F.**, Toucanne, S. (2023) Quaternary Climate Variability and Periglacial Dynamics. In : Periglacial Landscapes of Europe, Springer, DOI: 10.1007/978-3-031-14895-8_2

27. Naughton, F., **Sánchez Goñi, M.F.**, Landais, A., Rodrigues, T., Vázquez Riveiros, N., Toucanne, S., (2023) Introduction to the Last Deglaciation climate. In : European Glacial Landscapes, Elsevier, DOI: [10.1016/B978-0-323-91899-2.00030-9](https://doi.org/10.1016/B978-0-323-91899-2.00030-9)

26. Naughton, F., **Sánchez Goñi, M.F.**, Landais, A., Vázquez Riveiros, N., Rodrigues, T., Toucanne, S., (2023) The Bølling-Allerød Interstadial. In : European Glacial Landscapes, Elsevier, DOI: [10.1016/B978-0-323-91899-2.00015-2](https://doi.org/10.1016/B978-0-323-91899-2.00015-2)

25. Naughton, F., **Sánchez Goñi, M.F.**, Landais, A., Rodrigues, T., Vázquez Riveiros, N., Toucanne, S., (2023) The Younger Dryas. In : European Glacial Landscapes, Elsevier, DOI: [10.1016/B978-0-323-91899-2.00024-3](https://doi.org/10.1016/B978-0-323-91899-2.00024-3)

24. Naughton, F., Toucanne, S., Landais, A., Rodrigues, T., Vázquez Riveiros, N., **Sánchez Goñi, M.F.** (2023) The Heinrich Stadial 1. In : European Glacial Landscapes, Elsevier, DOI: [10.1016/B978-0-323-91899-2.00049-8](https://doi.org/10.1016/B978-0-323-91899-2.00049-8)

23. Palacios, D., Hughes, P., **Sánchez Goñi, M.F.**, García-Ruiz, J.M., Andrés, N. (2023) The termination of the glacial cycles. In : European Glacial Landscapes, Elsevier, doi.org/10.1016/B978-0-323-91899-2.00002-4

22. **Sánchez Goñi, M.F.**, (2022). The climatic and environmental context of the Late Pleistocene. Updating the last Neanderthals, Elsevier. DOI: [10.1016/B978-0-12-821428-2.00017-2](https://doi.org/10.1016/B978-0-12-821428-2.00017-2)

21. Vázquez Riveiros, N., Toucanne, S., Rodrigues, T., Landais, A., Naughton, F., **Sánchez Goñi, M.F.** (2022). Definition of the Last Glacial Cycle marine stages and chronology. *European Glacial Landscapes*, Elsevier, 171-173.
20. Vázquez-Riveiros, N., Toucanne, S., Naughton, F., Rodrigues, T., **Sánchez Goñi, M.F.** (2022). Ice volume and sea-level changes during Last Glacial Cycle: evidence from marine records. *European Glacial Landscapes*, Elsevier, 169-170
19. Landais, A., **Sánchez Goñi, M.F.**, Toucanne, S., Rodrigues, T., Naughton, F. (2022) Abrupt climatic variability: Dansgaard–Oeschger events. *European Glacial Landscapes*, Elsevier, 175-180.
18. Toucanne, S., Naughton, F., Rodrigues, T., Vázquez-Riveiros, N., **Sánchez Goñi, M.F.** (2022). Abrupt (or millennial or suborbital) climatic variability: Heinrich events/stadials. *European Glacial Landscapes*, Elsevier, 181-187.
17. **Sanchez Goñi, M.F.** (2022) An overview of the Last Glacial Cycle. *European Glacial Landscapes*, Elsevier, 165-169.
16. Toucanne, S., Landais, A., Naughton, F., Rodrigues, T., Vázquez Riveiros, N., **Sánchez Goñi, M.F.** (2022) The Global Last Glacial Maximum: the Eastern North Atlantic (marine sediments) and the Greenland Ice Sheet climatic signal. *European Glacial Landscapes*, Elsevier, 189-194.
15. **Sanchez Goñi, M.F.** (2014). Rapid climatic variability in Europe over the last glacial. *Transitions, ruptures et continuité en Préhistoire*, vol. 2. In : Jaubert, J., Fourment, N. et Depaepe, P. (Inrap). Actes du XXVIIe Congrès préhistorique de France, Société Préhistorique Française, pp : 185-193.
14. d'Errico, F., **Sanchez Goni, M.F.** & Banks, W. (2012) L'impact du dernier maximum glaciaire sur les populations européennes. In : J.F. Berger, *Des climats et des hommes*. Ed. La Découverte. Paris.
13. **Sanchez-Goni M.F.**, d'Errico F., Daniau A.L. (2012) La variabilité climatique rapide de la dernière période glaciaire et l'extinction des Néandertaliens, *Sous la direction de J.-F. Berger. Ed. La Découverte, Paris*.
12. Wolff, E. W., Harrison, S. P., Knutti, R., **Sanchez-Goñi, M. F.**, Wild, O., Daniau, A. L., Masson-Delmotte, V., Prentice, I. C. and Spahni, R. (2012): How has climate responded to natural perturbations?, in: *Understanding the Earth System: An Integrated Approach to Climate Change* edited by: Cornell, S., Downy, C., Page, J. and Prentice, I. C., Cambridge University Press, Cambridge, in review.
11. Valdés, L., Reina, J., Ensunza, R., **Sánchez Goñi, M.F.** y Zapata, L. (2009) Capítulo 2. El territorio de la cuenca hidrográfica del río Oka. In: Valdés, L. *Gastiburu El santuario vasco de la edad del Hierro*. Real Academia de la Historia, Bibliotheca Archaeologica Hispana 29, Madrid.
10. **Sánchez Goñi, M.F.** (2007) Introduction to climate and vegetation in Europe during MIS 5. In : Sirocko, F., Claussen, M., Sánchez Goñi, M.F. & Litt, T. (eds.) *The climate of past interglacials*. Elsevier, p. 197-205.
9. Müller, H. & **Sánchez Goñi, M.F.** (2007). Vegetation dynamics in southern Germany during Marine Isotope Stage 5 (~130,000-70,000 BP). In : Sirocko, F., Claussen, M., Sánchez Goñi, M.F. & Litt, T. (eds.) *The climate of past interglacials*. Elsevier, p. 277-288.
8. Desprat, S., **Sánchez Goñi, M.F.**, Turon, J.-L., Duprat, J., Malaizé, B. & Peypouquet, J.-P. (2007) Climate variability of the last five isotopic interglacials from direct land-sea-ice correlation, In : Sirocko, F., Claussen, M., Sánchez Goñi, M.F. & Litt, T. (eds.) *The climate of past interglacials*. Elsevier, p.375-386.
7. Loutre, M.F., Berger, A., Crucifix M., Desprat, S. & **Sánchez Goñi, M.F.** (2007) Interglacials as simulated by MoBidiC and the LLN 2-D NH climate models, In : Sirocko, Claussen, M. F., Sánchez Goñi, M.F. & Litt, T. (eds.) *The climate of past interglacials*. Elsevier, p. 547-562.
6. d'Errico, F., **Sánchez Goñi, M.F.** & Vanhaeren, M. (2006). L'impact de la variabilité climatique rapide des OIS3-2 sur le peuplement de l'Europe. In : *L'homme face au climat*. Odile Jacob, Paris.
5. **Sánchez Goñi, M.F.** & d'Errico, F. (2005) La historia de la vegetación y el clima del último ciclo climático (OIS5-OIS1, 140.000-10.000 años BP) en la Península Ibérica y su posible impacto sobre los grupos paleolíticos. Neandertales cantábricos, estado de la cuestión. Museo de Altamira, Monografías n°20, p. 115-129.

4. **Sánchez Goñi, M.F.** (2004) Cambios climáticos y evolución del paisaje vegetal. *Historia del País Vasco*, vol. Prehistoria. Editorial LUR, San Sebastián.
3. Crucifix, M. & **Sánchez Goñi, M.F.** (2004) About climate, vegetation and astronomical forcing. Milutin Milankovitch Anniversary Symposium: Paleoclimate and the Earth Climate System, Serbian Academy of Sciences and Arts, Belgrade, Scientific meetings vol. CX, 161-172.
2. **Sánchez Goñi, M.F.** (2004) La vegetación contemporánea de los grupos meso-neolíticos y neocalcolíticos de Kanpanoste (Vérigala, Alava). In : Kanpanoste (Vérigala, Alava). Memorias de Yacimientos Alaveses, 9. Diputación Foral de Alava. Vitoria, pp 161-168.
1. Turner C. & **Sánchez Goñi M.F.** 1997. Late Glacial landscape and vegetation in Epirus. Chapter 29, pp. 559-585. In: Bailey, G.N. (ed.) *Klithi: Paleolithic settlement and Quaternary landscapes in northwest Greece*. Vol. 2. McDonald Institute Monographs, Cambridge.

Selected articles

2026

122. Quan, X., **Sánchez Goñi, M. F.**, Yin, Q., Kaboth-Bahr, S., Moal-Darrigade, P., Polanco-Martinez, J. M., Wu, Z., Bahr, A., Ducassou, E., & Lourens, L. J. (2026) Insolation-driven northern Atlantic westerly wind patterns shaped the mid-Pleistocene transition in three phases. **Nature Communications** volume 17(8155), <https://www.nature.com/articles/s41467-026-74759-6>
121. **Sánchez Goñi, M. F.**, Rossignol, L., Londeix, L., Extier, T., Weitzel, N., Naughton, F., López-Martínez, C., Salgueiro, E., Fourcade, T., Grousset, F. (2026) Land–sea thermal decoupling and iceberg discharges in the western North Atlantic during Heinrich Stadials 5–3. **Quaternary Science Reviews** 389, 110141. <https://www.sciencedirect.com/science/article/pii/S0277379126003501>
120. García-Morato, S., **Sánchez-Goñi, M.F.**, Urrego, D.H. & d’Errico, F. (2026) Climatic variability, vegetation dynamics, and cultural innovation in Southern Africa during the Middle Stone Age. **Communications Earth & Environment** 7, <https://www.nature.com/articles/s43247-025-03051-0>
119. **Sánchez Goñi, M.F.**, d’Errico, F. (2026) Climatic mechanisms underlying a southwestern French Neanderthal refugium at the onset of the last glaciation. **Proceedings of the National Academy of Sciences** 123, e2610884123, <https://www.pnas.org/doi/abs/10.1073/pnas.2610884123>
118. Yang, J.W., Ladant, J.B., Blunier, T., Landais, A., Kageyama, M., Paillard, D., Viovy, N., Braconnot, P., **Sánchez Goñi, M.F.**, Prié, F., Nguyen, S., Crinella-Morici, L. (2026) Global biosphere productivity response to Atlantic meridional overturning circulation collapse during Heinrich stadial 4. **Science Advances** 12, eaea0455, <https://www.science.org/doi/full/10.1126/sciadv.aea0455>
117. Hu, H.-M., Marino, G., **Sánchez Goñi, M.F.**, Rohling, E., Rodrigues, T., Pérez-Mejías, C., Ren, Q., Jiang, X., Michel, V., Valensi, P., Starnini, E., Zunino, M., Salonen, J.S., Hsieh, C.-J., Tan, L., Chaigneau, B., Chevalier, M., Shen, C.-C. (2026) Protracted ocean circulation slowdown drove exceptional ice-sheet melting during ice age termination IV. **Nature Communications** 17, 5675, <https://www.nature.com/articles/s41467-026-73733-6>

2025

116. Georget, M., Castéra, M.-H., Devaux L., Turon, J.-L., Desprat S., **Sánchez Goñi, M. F.** (2025) Protocol for pollen and dinocyst analysis in marine sediments. **Protocol.io**, <https://dx.doi.org/10.17504/protocols.io.x54v92qz4l3e/v1>
115. Ajas, A., **Sánchez Goñi, M.F.**, Moulin, B. (2025) Altitudinal evolution of vegetation on the Vercors Massif since the Late Glacial Period: new pollen data from Combe-Chevalière (Chichilianne, Isère, 1,650 m). **Quaternaire** 36, 1-19, <https://journals.openedition.org/quaternaire/20101>
114. Domingues Gomes, S., Fletcher, W., Stone, A., Rodrigues, T., Rebotim, A., Oliveira, D., **Sánchez Goñi, M.F.**, Abrantes, F., Naughton, F. (2025) Rising atmospheric CO2 concentrations: the

overlooked factor promoting SW Iberian Forest development across the LGM and the last deglaciation? (2025) **Biogeosciences** 22, 6631-6650, <https://bg.copernicus.org/articles/22/6631/2025/>

113. González-Martín, M., Rigual-Hernández, A.S., Ochoa, D., Balestra, B., **Sánchez-Goñi, M.F.**, González-Lanchas, A., Flores, J.A. (2025) Oceanic and climatic dynamics during the MIS 12–11 transition in the Gulf of Cádiz: Insights from coccolithophores. **Palaeogeography, Palaeoclimatology, Palaeoecology** 113414, <https://www.sciencedirect.com/science/article/pii/S0031018225006996>
112. Zumaque, J., de Vernal, A., Fréchette, B., Guiot, J., Sánchez-Goñi, M.F., Barhoumi, C., Peyron, O., Peros, M., Burke, A., Camuera, J., Jiménez-Moreno, G., Ramos-Román, M.J. (2025) Decoupled winter and summer climate changes in southern Europe during the Dansgaard-Oeschger cycles **Quaternary Science Reviews** 359, 10.1016/j.quascirev.2025.109273

2024

111. Desprat, S., Guillem, G., **Sánchez Goñi, M.F.**, Rodrigues, T., Yin, Q., Grimalt, J.O. (2024) Millennial-scale climate variability potentially shaped the early interglacial optimum in Southern Europe. **Paleoceanography and Paleoclimatology** 39, <https://doi.org/10.1029/2024PA004846>
110. Fourcade, T., **Sánchez Goñi, M.F.**, Lesven, J., Lahaye, C., Philippe, A. (2024) Vegetation response in NW Mediterranean borderlands to the millennial-scale climate variability of the last glacial period. **Quaternary Science Reviews** 334, <https://doi.org/10.1016/j.quascirev.2024.108722>
107. Marks, L., Gibbard, P.L., **Sanchez Goñi, M.F.** (2024) Late Middle Pleistocene (MIS 11-6) in Europe—introduction. **Boreas** 53, 453-454, <https://onlinelibrary.wiley.com/doi/full/10.1111/bor.12675>
106. Penaud, A., Fersi, W., Toucanne, S., **Sánchez Goñi, M.F.**, Rossignol, L., Naughton, N., Wary, M., Eynaud, F. (2024) Environmental changes in the Fleuve Manche paleoriver drainage system (Western Europe) linked to North Atlantic sub-millennial climate variability across Heinrich Stadial 1 : palynological evidence from the Bay of Biscay. **Palaeogeography, Palaeoclimatology, Palaeoecology** 655, 112512, <https://www.sciencedirect.com/science/article/abs/pii/S0031018224005017>
105. Uzunidis, A., Blasco, R., Brugal, J.-P., Fourcade, T., Ochando, J., Rosell, J., Roussel, A., Rufà, A., Sánchez Goñi, M.F., Texier, P.-J., Rivals, F. (2024) Neanderthal hunting grounds: The case of Teixoneres cave (Spain) and Pié Lombard rockshelter (France). **Journal of Archaeological Science** 168, 106007. <https://www.sciencedirect.com/science/article/pii/S030544032400075X>
104. Donders, T., Oliveira, D., **Sanchez Goñi, M.F.**, Sadori, L. (2024) SCIENCE HIGHLIGHTS: Achievements of scientific drilling in paleosciences. **PAGES**, 10.22498/pages.32.2.118

2023

103. **Sánchez Goñi, M.F.**, Extier, T., Polanco-Martínez, J.M., Zorzi, C., Rodrigues, T., Bahr, A. (in review) Interglacial climates in Eurasia during the ultimate glacial of the Middle Pleistocene Transition. **Nature Communications** 14 (1), 2700
102. Toucanne, S., Rodrigues, T., Menot, G., Soulet, G., Cheron, S., Billy, I., Eynaud, F., Antoine, P., Sinninghe Damste, J.S., Bard, E., **Sanchez Goñi, M.F.** (2023) Marine Isotope Stage 4 (71–57 ka) on the Western European margin: Insights to the drainage and dynamics of the Western European Ice Sheet. **Global and Planetary Change** 229, 104221, <https://doi.org/10.1016/j.gloplacha.2023.104221>
101. Girone, A., de Astis, A., Sierro, F.J., Hernández-Almeida, I., Alonso-García, M., **Sánchez Goñi, M.F.**, Maiorano, P., Marino, M., Hodell, D.A. (2023). Planktonic foraminifera response to orbital and millennial-scale climate variability at the southern Iberian Margin (IODP Site U1385) during Marine Isotope Stages 20 and 19. **Palaeogeography, Palaeoclimatology, Palaeoecology** 615, <https://doi.org/10.1016/j.palaeo.2023.111450>

2022

100. Hes, G., **Sanchez Goñi, M.F.**, Bouttes, N. (2022). Impact of terrestrial biosphere on the atmospheric CO₂ concentration across Termination V. **Clim. Past**, 18, 1429–1451, <https://doi.org/10.5194/cp-18-1429-2022>, 2022
99. Fourcade, T., **Sanchez Goñi, M.F.**, Lahaye, C., Rossignol, L., Philippe, A. (accepted, 2022). Environmental changes in SW France during the Middle-to-Upper Palaeolithic transition from the pollen analysis of an eastern North Atlantic deep-sea core. *Quaternary Research*
98. **Sanchez Goñi, M.F.** (2022). Pollen: a key tool to understand climate, vegetation and human evolution. *Progress in Botany*, 84, 395-434. Springer Nature Switzerland.

2021

97. Genet, M., Daniau, A.-L., Mouillot, F., Hanquiez, V., Schmidt, S., David, V., Georget, M., Abrantes, F., Anschutz, P., Bassinot, F., Bonnín, J., Dennielou, B., Eynaud, F., Hodell, D.A., Mulder, T., Naughton, F., Rossignol, L., Tzedakis, P.C., **Sanchez Goñi, M.F.** (2021) Modern relationships between microscopic charcoal in marine sediments and fire regimes on adjacent landmasses to refine the interpretation of marine paleofire records: An Iberian case study. **Quaternary Science Reviews** doi.org/10.1016/j.quascirev.2021.107148
96. Salonen, JS, **MF Sánchez-Goñi**, H Renssen, A Plikk (2021) Contrasting northern and southern European winter climate trends during the Last Interglacial. **Geology**, doi.org/10.1130/G49007.1
95. González-Lanchas, A., Flores, J.-A., Sierro, F.J., **Sanchez Goñi, M.F.**, Rodríguez, T., Ausin, B., Oliveira, D., Naughton, F., Marino, M., Maiorano, P., Balestra, B. (2021) Control Mechanisms of Primary Productivity Revealed by Calcareous Nannoplankton From Marine Isotope Stages 12 to 9 at the Shackleton Site (IODP Site U1385). **Paleoceanography and Paleoclimatology** 36, doi.org/10.1029/2021PA004246
94. **Sánchez Goñi, M.F.**, Fourcade, T., Salonen, S., Lesven, J., Frigola, J., Swingedouw, D., Sierro, F.J. (2021). Muted cooling and drying of NW Mediterranean in response to the strongest last glacial North American ice surges. **Bulletin of the Geological Society of America** 133, 451-460.

2020

93. **Sánchez Goñi, M.F.** (2020) Regional impacts of climate change and its relevance to human evolution. **Evolutionary Human Sciences** 2, doi:10.1017/ehs.2020.56
92. Oliveira, Dulce; Desprat, Stephanie; Yin, Qiuzhen; Rodrigues, Teresa; Naughton, Filipa; Trigo, Ricardo M.; Su, Qianqian; Grimalt, Joan O.; Alonso-Garcia, Montserrat; Voelker, Antje H. L.; Abrantes, F., **Sanchez Goni, M. F.** (2020) Combination of insolation and ice-sheet forcing drive enhanced humidity in northern subtropical regions during MIS 13. **Quaternary Science Reviews** 247, 106573.
91. Bouttes, N., Vazquez Riveiros, N., Govin, A., Swingedouw, D., **Sanchez Goñi, M.F.**, Crosta, X., Roche, D. M. (2020) Carbon 13 Isotopes Reveal Limited Ocean Circulation Changes Between Interglacials of the Last 800 ka. **Paleoceanography and Paleoclimatology** 35, e2019PA003776
90. Morales-Molino, C., Devaux, L., Georget, M., Hanquiez, V., **Sanchez Goni, M. F.** (2020) Modern pollen representation of the vegetation of the Tagus Basin (central Iberian Peninsula). **Review of Palaeobotany and Palynology** 276, 104193.

2019

89. Waelbroeck, C, Bryan C Loughheed, Natalia Vazquez Riveiros, Lise Missiaen, Joel Pedro, Trond Dokken, Irka Hajdas, Lukas Wacker, Peter Abbott, Jean-Pascal Dumoulin, François Thil, Frédérique Eynaud, Linda Rossignol, Wiem Fersi, Ana Luiza Albuquerque, Helge Arz, William EN Austin, Rosemarie Came, Anders E Carlson, James A Collins, Bernard Dennielou, Stéphanie Desprat, Alex Dickson, Mary Elliot, Christa Farmer, Jacques Giraudeau, Julia Gottschalk, Jorijntje Henderiks, Konrad Hughen, Simon Jung, Paul Knutz, Susana Lebreiro, David C Lund, Jean Lynch-Stieglitz, Bruno Malaizé, Thomas Marchitto, Gema Martínez-Méndez, Gesine Mollenhauer, Filipa Naughton, Silvia Nave, Dirk Nürnberg, Delia Oppo, Victoria Peck, Frank JC Peeters, Aurélie

- Penaud, Rodrigo da Costa Portilho-Ramos, Janne Repschläger, Jenny Roberts, Carsten Rühlemann, Emilia Salgueiro, **Maria Fernanda Sanchez Goñi**, Joachim Schönfeld, Paolo Scussolini, Luke C Skinner, Charlotte Skonieczny, David Thornalley, Samuel Toucanne, David Van Rooij, Laurence Vidal, Antje HL Voelker, Mélanie Wary, Syee Weldeab, Martin Ziegler (2019) Consistently dated atlantic sediment cores over the last 40 thousand years. **Scientific data** 6, 1-12.
88. Polanco-Martínez, Josué M., Martin A. Medina-Elizalde, **Maria Fernanda Sanchez Goñi**, Manfred Mudelsee. BINCOR: An R package for Estimating the Correlation between Two Unevenly Spaced Time Series. **The R-journal**
87. Naughton, F, S Costas, SD Gomes, S Desprat, T Rodrigues, **MF Sanchez Goñi**, H Renssen, R Trigo, C Bronk-Ramsey, D Oliveira, E Salgueiro, AHL Voelker, F Abrantes (2019) Coupled ocean and atmospheric changes during Greenland stadial 1 in southwestern Europe. **Quaternary Science Reviews** 212,108-120.
86. **Sánchez Goñi, M.F.**, Ferretti, P., Polanco-Martinez, J.M., Rodrigues, T., Alonso-Garcia, M., Rodriguez-Tovar, F.J., Dorador, J., Desprat, S. (2019). Pronounced northward shift of the westerlies during MIS 17 leading to the strong 100-kyr ice age cycles. **Earth and Planetary Science Letters** 511, 117-129.

2018

85. Fischer, H, KJ Meissner, AC Mix, NJ Abram, J Auermann, V Brovkin, E Capron, D Colombaroli, AL Daniau, KA Dyez, T Felis, SA Finkelstein, SL Jaccard, ER McClymont, A Rovere, J Sutter, EW Wolff, S Affolter, P Bakker, JA Ballesteros-Cánovas, C Barbante, T Caley, AE Carlson, O Churakova, G Cortese, BF Cumming, BAS Davis, A de Vernal, J Emile-Geay, SC Fritz, P Gierz, J Gottschalk, MD Holloway, F Joos, M Kucera, MF Loutre, DJ Lunt, K Marcisz, JR Marlon, P Martinez, V Masson-Delmotte, C Nehrbass-Ahles, BL Otto-Bliesner, CC Raible, B Risebrobakken, **MF Sánchez Goñi**, J Saleem Arrigo, M Sarnthein, J Sjolte, TF Stocker, Velasquez Álvarez, W Tinner, PJ Valdes, H Vogel, H Wanner, Q Yan, Z Yu, M Ziegler, L Zhou, (2018) Palaeoclimate constraints on a world with post-industrial warming of 2 degrees and beyond. *Nature Geoscience*, <https://doi.org/10.1038/s41561-018-0146-0>
84. Bouttes, N., Swingedouw, D., Roche, D. M., **Sanchez-Goni, M. F.**, Crosta, X. (2018, in press). Response of the carbon cycle to the different orbital configurations of the last 9 interglacials. **The Climate of the Past**
83. **Sánchez Goñi, M.F.**, Desprat, S., Fletcher, W.J., Morales del Molino, C., Naughton, F., Oliveira, D., Urrego, D.H., Zorzi, C. (2018). Pollen from the sea: a breakthrough in the mystery of the Ice Ages. **Frontiers in Plant Sciences**, 9.

2017

82. Oliveira, D., Desprat, S., Yin, Q., Naughton, F., Trigo, R., Rodrigues, T., Abrantes, F., **Sánchez Goñi, M.F.** (2017). Unraveling the forcings controlling the vegetation and climate of the best orbital analogues for the present interglacial in SW Europe. **Climate Dynamics**, doi:10.1007/s00382-017-3948-7
81. **Sánchez Goñi, M.F.**, Desprat, S., Daniau, A.-L., Bassinot, F., Polanco-Martinez, J.M., Harrison, S.P. and ACER contributors (2017). The ACER pollen and charcoal database : a global resource to document vegetation and fire response to abrupt climate changes during the last glacial period. **Earth System Science Data**, 9, 679-695.
80. d'Errico, F., Banks, W.E., Warren, D.L., Sgubin, G., van Niekerk, K., Henshilwood, C., Daniau, A.-L., **Sánchez Goñi, M.F.** (2017). Identifying early modern human ecological niche expansions and associated cultural dynamics in the South African Middle Stone Age. **PNAS**, 114, 7869-7876.
79. Puech, E., Urrego, D., **Sánchez Goñi, M.F.**, d'Errico, F., Backwell, L. (2017). Vegetation and environmental changes at Wonderkrater, Limpopo, South Africa. Implications for Middle Stone Age cultural adaptation. **Quaternary Research**, 88, 313-326.

78. Desprat, S., Oliveira, D., Naughton, F., **Sánchez Goñi, M.F.** (2017). L'étude du pollen de sequences sédimentaires marines pour la compréhension du climat : l'exemple des périodes chaudes passées. **Quaternaire**, 28, 259-270.
77. Oliveira, D., **Sánchez Goñi, M.F.**, Naughton, F., Polanco-Martínez, J.M., Jimenez-Espejo, F.J., Grimalt, J.O., Martrat, B., Voelker, A.H.L., Trigo, R., Hodell, D., Abrantes, F. Desprat, S. (2017). Unexpected weak seasonal climate in the western Mediterranean region in response to MIS 31, a high-insolation forced interglacial. **Quaternary Science Reviews**, 161, 1-17.

2016

76. Oliveira, D., Desprat, S., Rodrigues, T., Naughton, F., Hodell, D.A., Trigo, R., Rufino, M., Lopes, C., Abrantes, F., **Sánchez Goñi, M.F.** (2016) The diversity of millennial-scale cooling events in southwestern Europe during MIS 11. **Quaternary Research** 86, 373-387.
75. **Sánchez Goñi, M.F.**, Rodrigues, T., Hodell, D.A., Polanco-Martínez, J.M., Alonso-García, M., Hernández-Almeida, I., Desprat, S., Ferretti, P. (2016) Tropically-driven climate shifts in southwestern Europe during MIS 19, a low excentricity interglacial. **Earth and Planetary Science Letters** 448, 81-93.
74. **Sánchez Goñi, M.F.**, Ortu, E., Banks, W., Giraudeau, J., Leroyer, C., Hanquiez, V. (2016) The expansion of Central and Northern European Neolithic populations was associated with a multi-century warm winter and wetter climate. **The Holocene** DOI: 10.1177/0959683616638435
73. Eynaud, F., Londeix, L., Penaud, A., **Sánchez-Goni, M.-F.**, Oliveira, D., Desprat, S., and Turon, J.-L., (2016). Dinoflagellate cyst population evolution throughout past interglacials: Key features along the Iberian margin and insights from the new IODP Site U1385 (Exp 339). **Global and Planetary Change** 136, 52-64.
72. **Sánchez Goñi, M.F.**, Llave, S., Oliveira, D., Naughton, F., Desprat, S., Ducassou, E., Hodell, D.A., Hernández-Molina, F.J. (2016) Climate changes in south western Iberia and Mediterranean Outflow variations during two contrasting cycles of the last 1 Myrs: MIS 31-MIS 30 and MIS 12-MIS 11. **Global and Planetary Change**, 136, 18-29. doi: 10.1016/j.gloplacha.2015.11.00668.

2015

71. Urrego, D.H., **Sánchez Goñi, M.F.**, A. L. Daniau, S. Lechevrel, and V. Hanquiez (2015) Increased aridity in southwestern Africa during the warmest periods of the last interglacial. **The Climate of the Past** 11, 1417-1431, doi:10.5194/cp-11-1417-2015.
70. Naughton, F., **Sánchez Goñi, M.F.**, Rodrigues, T., Salgueiro, E., Costas, S., Desprat, S. Duprat, J., Michel, E., Rossignol, L., Zaragosi, S., Voelker, A.H.L., Abrantes, F. (2015) Climate variability across the last deglaciation in NW Iberia and its margin. **Quaternary International**. doi: [10.1016/j.quaint.2015.08.073](https://doi.org/10.1016/j.quaint.2015.08.073).
69. Seillès, B., **Sánchez Goñi, M.F.**, Ledru, M.-P., Urrego, D.H., Martínez, P., Hanquiez, V., Schneider, R. (2015) Holocene land-sea climatic links on the equatorial Pacific coast (Bay of Guayaquil, Ecuador). **The Holocene**. doi: [10.1177/0959683615612566](https://doi.org/10.1177/0959683615612566).
68. Wagner, S., Litt, T., **Sánchez Goñi, M.F.**, Petit, R.J. (2015) History of *Larix decidua* Mill. (European larch) since 130 ka. **Quaternary Science Reviews** 124, 224-247.
67. Zorzi, C., **Sánchez Goñi, M.F.**, Anupama, K., Prasad, S., Hanquiez, V., Johnson, J., Giosan, L. (2015) Indian monsoon variations during three contrasting climatic periods: the Holocene, Heinrich Stadial 2 and the last interglacial-glacial transition. **Quaternary Science Reviews** 125, 50-60.
66. Desprat, S., Díaz Fernández, P.M., Coulon, T., Ezzat, L., Pessarossi-Langlois, J., Gil, L., Morales-Molino, C., **Sánchez Goñi, M.F.** (2015) *Pinus nigra* (European black pine) as the dominant species of the last glacial pinewoods in southwestern to central Iberia – A morphological study of modern and fossil pollen. **Journal of Biogeography** 42, 1998-2009.

2014

65. de Lafontaine G., Amasifuen Guerra C.A., Ducouso A., **Sanchez-Goni M.F.**, Petit R.J. (2014). Beyond skepticism: Uncovering cryptic refugia using multiple lines of evidence, *New Phytologist*, 204, 450-454, [doi: 10.1111/nph.13089](https://doi.org/10.1111/nph.13089).
64. Hernández-Molina, F.J., Stow, D.A., Alvarez-Zarikian, C.A., Acton, G., Bahr, A., Balestra B., Ducassou E., Flood, R., Flores, J.A., Furota, S., Grunert, P., Hodell, D., Jimenez-Espejo F., Kim, J.K., Krissek, L., Kuroda, J., Li, B., Llave, E., Lofi, J., Lourens, L. Miller, M., Nanayama, F., Nishida, N., Richter, C., Roque, C., Pereira,, H., **Sanchez Goñi, M.F.**, Sierro, F.J., Singh, A.D., Sloss, Yasuhiro Takashimizu C., Tzanova, A., Voelker, A., Williams T. and Xuan, C. (2014). Onset of Mediterranean Outflow into the North Atlantic. *Science* 344, 1244-1250, [doi: 10.1126/science.1251306](https://doi.org/10.1126/science.1251306)..
63. Woillez, M.-N., Levavasseur, G., Daniau, A.-L., Kageyama, M., **Sanchez Goñi, M.F.** and Hanquiez, V., (2014). Impact of precession on the climate, vegetation and fire activity in southern Africa during MIS4. *The Climate of the Past* 10, 1165-1182, [doi: 10.5194/cp-10-1165-2014](https://doi.org/10.5194/cp-10-1165-2014).
62. Chabaud L., **Sanchez Goñi, M.F.**, Desprat, S., Rossignol, L. (2014) Land-sea climatic variability in the eastern North Atlantic subtropical region over the last 14,200 years: atmospheric and oceanic processes at different timescales. *The Holocene* DOI: 10.1177/0959683614530439

2013

61. **Sánchez-Goñi, M.F.**, Bard, E., Landais, A., Rossignol, L., d'Errico, F. (2013). Air-sea temperature decoupling in Western Europe during the last interglacial/glacial transition. *Nature Geoscience*, DOI : 10.1038/ngeo1924.
60. Daniau, A.L., **Sánchez Goñi, M.F.**, Martinez, P., Urrego, D.H., Bout-Roumazelles, V., Desprat, S., Marlon, J.R.(2013). Orbital-scale climate forcing of grassland burning in southern Africa. *PNAS*, doi:0.1073/pnas.1214292110.
59. Fletcher, W.F., Debret, M., **Sanchez Goñi, M.F.** (2013). Mid-Holocene emergence of a low-frequency millennial oscillation in western Mediterranean climate: implications for past dynamics of the North Atlantic atmospheric westerlies. *The Holocene* 23, 153-166.

2012

58. Valsecchi, V., **Sánchez Goñi M.F.**, Londeix, L. (2012) Vegetation dynamics in the Northeastern Mediterranean region during the past 23,000 years: insights from a new pollen record from the Sea of Marmara. *The Climate of the Past* 8, 1941-1956.
57. **Sanchez Goni M.F.**, Bakker P., Desprat S., Carlson A.E., Van Meerbeeck C.J., Peyron O., Naughton F., Fletcher W.J., Eynaud F., Rossignol L., Renssen H. (2012) European climate optimum and enhanced Greenland melt during the Last Interglacial, *Geology*, 40, 627-630.

2011

56. Van Meerbeeck, C.J., Renssen, H., Roche, D.M., Wohlfarth, B., Bohncke, S., Bos, H., Engels, S., Helmens, K.F., **Sánchez-Goñi, M.F.**, Svensson, A., Vandenberghe, J. (2011) The nature of MIS 3 stadial-interstadial transitions in Europe: new insights from model-data comparisons. *Quaternary Science Reviews* 30, 3618-3637.
55. Penaud A., Eynaud F., **Sánchez Goñi M.F.**, Malaize B., Turon J.L., Rossignol L. (2011) Contrasting sea-surface responses between the western Mediterranean Sea and eastern subtropical latitudes of the North Atlantic during abrupt climatic events of MIS 3. *Marine Micropaleontology* 80: 1-17.

2010

54. Harrison, S.P., **Sanchez Goñi, M.F.** (2010) Global patterns of vegetation response to millennial-scale variability and rapid climate change during the last glacial period. *Quaternary Science Reviews* 29: 2957-2980.
53. **Sanchez Goñi, M.F.**, Harrison, S.P. (2010) Millennial-scale climate variability and vegetation changes during the last glacial: concepts and terminology. *Quaternary Science Reviews* 29: 2823-2827.

52. Villa, P., **Sanchez Goñi, M.F.**, Cuenca Bescos, G., Grün, R., Ajas, A., Garcia Pimienta, J.C., Lees, W. (2010) The archaeology and paleoenvironment of an Upper Pleistocene hyena den: An integrated approach. **Journal of Archaeological Science** 37: 919-935.
51. Fletcher, W.J., **Sanchez Goñi, M.F.**, Allen, J.R.M., Cheddadi, R., Combourieu Nebout, N., Huntley, B., Lawson, I., Londeix, L., Magri, D., Margari, V., Müller, U., Naughton, F., Novenko, E., Roucoux, K., Tzedakis, P.C. (2010) Millennial-scale variability during the last glacial in vegetation records from Europe **Quaternary Science Reviews** 29: 2839-2864.
50. Fletcher, W.J., **Sanchez Goñi, M.F.**, Peyron, O., Dormoy, I. (2010) Abrupt climate changes of the last deglaciation detected in a Western Mediterranean forest record. **The Climate of the Past** 6 : 245–264.
49. Daniau, A.-L., d’Errico, F. & **Sanchez Goñi, M.F.** (2010) Testing the hypothesis of fire use for ecosystem management by Neanderthal and Upper Palaeolithic modern human populations. **Plos One** 5(2): e9157. doi:10.1371/journal.pone.0009157.
48. Landais, A., Dreyfus, G., Capron, E., Masson-Delmotte, V., **Sanchez-Goñi, M.F.**, Desprat, S., Hoffmann, G., Jouzel, J., Leuenberger, M., Johnsen, S. (2010). What drives the millennial and orbital variations of $\delta^{18}\text{O}_{\text{atm}}$? **Quaternary Science Reviews** 29: 235-246.

2009

47. Drysdale, R.N., Hellstrom, J.C., Zanchetta, G., Fallick, A.E., **Sánchez Gñi, M.F.**, Couchoud, I., McDonald, J., Maas, R., Lohmann, G. & Isola, I. (2009). Evidence for obliquity forcing of glacial Termination II. **Science** 325: 1527-1531.
46. Eynaud, F., de Abreu, L., Voelker, A., Schönfeld, J., Salueiro, E., Turon, J.-L., Penaud, A., Toucanne, S., Naughton, F., **Sanchez Goñi, M.F.**, Malaizé, B., Cacho, I. (2009). Position of the Polar Front along the western Iberian margin during key cold episodes of the last 45 ka. **Geochemistry, Geophysics, Geosystems**, 10, Q07U05, doi:10.1029/2009GC002398.
45. Naughton, F., **Sánchez Goñi, M.F.**, Kageyama, M., Bard, E., Duprat, J., Cortijo, E., Desprat, S., Malaizé, B., Joly, C., Rostek, F. and Turon, J.-L. (2009) Wet to dry climatic trend in north western Iberia within Heinrich events. **Earth and Planetary Sciences Letters** 284: 329-342.
44. **Sanchez Goñi, M.F.**, Landais, A., Cacho, I., Duprat, J., Rossignol, L. (2009), Contrasting intrainterstadial climatic evolution between high and middle latitudes : A close-up of Greenland Interstadials 8 and 12. **Geochemistry, Geophysics, Geosystems** 10(4):Q04U04, doi: 10.1029/2008GC002369.
43. Daniau, A.-L., **Sanchez Goñi, M.F.** & Duprat, J. (2009), Last glacial fire regime variability in western France inferred from microcharcoal preserved in core MD04-2845, Bay of Biscay. **Quaternary Research** 71: 385-396.
42. Bertran, P., Allenet, G., Gé, T., Naughton, F., Poirier, P., **Sanchez Goñi, M.F.** (2009), Coversand and Pleistocene palaeosols in the Landes region, southwestern France. **Journal of Quaternary Science** 24(3): 259-269.
41. Desprat, S., **Sanchez Goñi, M.F.**, McManus, J., Duprat, J. & Cortijo, E. (2009) Millennial-scale climatic variability between 340 000 and 270 000 years ago in SW Europe: evidence from a NW Iberian margin pollen sequence. **The Climate of the Past** 5, 53-72.

2008

40. Banks, W.E., d’Errico, F., Peterson, A.T., Kageyama, M., Sima, A., **Sánchez Goñi, M.F.** (2008), Neanderthal Extinction by Competitive Exclusion, **PLoS ONE**, 3(12): e3972. doi:10.1371/journal.pone.0003972
39. Fletcher, W.J. & **Sanchez Goñi, M.F.** (2008) Orbital- and sub-orbital-scale climate impacts on vegetation of the western Mediterranean basin over the last 48,000 yr, **Quaternary Research**, 70, 451-464.
38. Brewer, S., Guiot, J., **Sánchez-Goñi, M.F.**, Klotz, S. (2008), The climate in Europe during the Eemian: a multi-method approach using pollen data. **Quaternary Science Reviews** 27, 2303-2315

37. **Sanchez Goni M.F.**, Landais A., Fletcher W.J., Naughton F., Desprat S., Duprat J. (2008) Contrasting impacts of Dansgaard-Oeschger events over a western European latitudinal transect modulated by orbital parameters, **Quaternary Science Reviews**, 27, 1136-1151.

2007

36. Naughton, F., Bourrillet, J.-F., **Sanchez Goñi, M.F.**, Turon, J.-L. & Jouanneau, J.-M. (2007). Long-term and millennial-scale climate variability in north-western France during the last 8 850 years. **The Holocene** 7: 939-953.
35. Jullien E., Grousset F. E., Malaizé B., Duprat J., **Sanchez-Goni M.F.**, Eynaud F., Charlier K., Schneider R., Bory A., Bout V., Flores J.A. (2007) Tropical "dusty Heinrich-like events" vs. high-latitude "icy Heinrich events". **Quaternary Research** 68: 379-386.
34. Danialu, A.-L., **Sanchez Goñi, M.-F.**, Beaufort L., Laggoun-Défarge F., Loutre, M.-F. & Duprat J. (2007). Dansgaard-Oeschger climatic variability revealed by fire emissions in southwestern Iberia. **Quaternary Science Reviews** 26: 1369-1383.
33. Luzón, A.; Pérez, A.; Mayayo, M.A.; Soria, A.R.; **Sánchez Goñi, M.F.**, Roc, A.C. (2007). Holocene environmental changes in the Gallocanta lacustrine basin, Iberian Range, NE Spain. **The Holocene**, 17: 649-663.
32. Sepulchre, P., Ramstein, G., Kageyama, M., Vanhaeren, M., Krinner, G., **Sánchez Goñi, M.F.** & d'Errico, F. (2007). Neanderthal extinction delayed by an abrupt climatic change. **Earth and Planetary Change Letters** 258: 283-292.
31. Naughton, A.F., **Sánchez Goñi, M.F.**, Drago, T., Freitas, M. C. Oliveira, A. (2007) Holocene geomorphological changes in the Douro estuary (NW Iberia). **Journal of Coastal Research** 23: 711-720.
30. Naughton, F., **Sanchez Goñi, M.F.**, Desprat, S., Turon, J.-L., Duprat, J., Malaizé, B., Joli, C. Cortijo, E., Drago, T., & Freitas, M.C. (2007). Present-day and past (last 25 000 years) marine pollen signal off western Iberia. **Marine Micropaleontology** 62: 91-114.

2006

29. Banks, W.E., d'Errico, F., Dibble, H. L., Krishtalka, L., West, D., Olszewski, D. I., Peterson, A.T., Anderson, D.G., Gilliam, J.C., Montet-White, A., Crucifix, M., Marean, C.W. **Sánchez-Goñi, M.F.**, Wohlfarth, B. and Vanhaeren, M. (2006) Eco-Cultural Niche Modeling: New Tools for Reconstructing the Geography and Ecology of Past Human Populations. **PaleoAnthropology** 68-83.
28. **Sánchez Goñi, M.F.** Interactions végétation-climat au cours des derniers 425.000 ans en Europe occidentale. Le message du pollen des archives marines. **Quaternaire** 17, 3-25.
27. Desprat, S., **Sánchez Goñi, M.F.**, Turon, J.-L., Duprat, J. & Malaizé, B. (2006) Climatic variability of Marine Isotopic Stage 7: direct land-sea-ice correlation from a multiproxy analysis of a northwestern Iberian margin deep-sea core. **Quaternary Science Reviews** 25, 1010-1026.

2005

26. **Sánchez Goñi, M.F.**, Loutre, M.F., Crucifix M., Peyron, O., Santos, L., Duprat, J., Malaizé, B., Turon, J.-L., & Peypouquet, J.-P. (2005) Increasing vegetation and climate gradient in Western Europe over the Last Glacial Inception (122-110 ka): data-model comparison. **Earth and Planetary Science Letters** 231: 111-130.
25. Moreno A., Cacho, I., Canals, M., Grimalt, J.O., **Sánchez-Goñi, M.F.**, Shackleton, N. & F.J. Sierro. (2005) Links between marine and atmospheric processes oscillating at millennial time-scale. A multi-proxy study of the last 50,000 yr from the Alboran Sea (Western Mediterranean Sea). **Quaternary Science Reviews** 24: 1623-1636.
24. Desprat, S., **Sánchez Goñi, M.F.**, Turon, J.-L., McManus, J.F., Loutre, M.F., Duprat, J., Malaizé, B., Peyron, O. & Peypouquet, J.-P. (2005) Is vegetation responsible for glacial inception during periods of muted insolation changes? **Quaternary Science Reviews** 24:1361-1374.

2004

23. **Sánchez Goñi, M.F.** & d'Errico, F. (2004) A stationary Mediterranean forest in southeastern Iberia during OIS 3? A reply to Carrión. **Quaternary Science Reviews** 23: 1205-1216.
22. d'Errico, F. & **Sánchez Goñi, M.F.** (2004) A Garden of Eden for the Gibraltar Neandertals ? A reply to Finlayson et al. **Quaternary Science Reviews** 23: 1217-1224.
21. Barboni, D., Harrison, S. P., Bartlein, P. J., Jalut, G., New, M., Prentice, I. C., **Sánchez Goñi, M. F.**, Spessa, A., Davis, B., Stevenson, A. C. (2004) Relationships between plant traits and climate in the Mediterranean region: an analysis based on pollen data. *Journal of Vegetation Science* 15: 635-646.

2003

20. Desprat, S., **Sánchez Goñi, M.F.** & Loutre, M.F. (2003). Revealing climatic variability of the last three millennia in northwestern Iberia using pollen influx data. **Earth and Planetary Science Letters** 213: 63-78.
19. d'Errico, F. & **Sánchez Goñi, M.F.** 2003. Neanderthal extinction and the millennial scale climatic variability of OIS 3. **Quaternary Science Reviews** 22: 769-788.
18. Santos, L. & **Sánchez Goñi, M.F.** 2003. Vegetational and environmental changes in the Santo André coastal area (Southwestern Portugal) during the last 14,000 years. **The Holocene** 13:459-464.
17. Shackleton, N.J., **Sánchez Goñi, M.F.**, Pailler, D. & Lancelot, Y. (2003). Marine Isotope Substage 5e and the Eemian Interglacial. **Global and Planetary Change** 36: 151-155.

2002

16. Carcaillet C., Almquist H., Asnong H., Bradshaw R.H.W., Carrión J.S., Gajewski K., Haas J.N., Haberle S.G., Hadorn P., Richard P.J.H., Richoz I., **Sánchez Goñi M.F.**, von Stedingk H., Stevenson A.C., Talon B., Tinner W., Tryterud E., Wick L. and Willis K.J. (2002). Holocene biomass burning and global dynamics of the carbon-cycle. **Chemosphere** 49: 845-863.
15. Shackleton, N.J., Chapman, M., **Sánchez Goñi, M.F.**, Pailler, D. & Lancelot, Y. (2002). The Classic Marine Isotope Substage 5e. **Quaternary Research** 58: 14-16.
14. Moreno, A., Cacho, I., Canals, M., Prins, M. O., **Sánchez Goñi M.F.**, Grimalt, J. O. & Weltje, G.J. (2002) Saharan dust transport and high-latitude glacial climatic variability: the Alboran Sea record. **Quaternary Research** 58: 318-328.
13. **Sánchez Goñi, M.F.**, Cacho, I., Turon, J.-L., Guiot, J., Sierro, F.J., Peyrouquet, J.-P. , Grimalt, J. & Shackleton, N.J. (2002). Synchronicity between marine and terrestrial responses to millennial scale climatic variability during the last glacial period in the Mediterranean region. **Climate Dynamics** 19: 95-105

2001

12. Santos, L., Bao, R. and **Sánchez-Goñi, M. F.** 2001. Pollen record of the last 500 years from the Doniños coastal lagoon (NW Iberian Peninsula): changes in the pollinic catchment size versus palaeoecological interpretation. **Journal of Coastal Research** 17(3): 705-713.

2000

11. **Sánchez Goñi, M.F.**, Turon, J.-L., Eynaud, F. & Gendreau, S. (2000). European climatic response to millennial-scale changes in the atmosphere-ocean system during the Last Glacial period. **Quaternary Research** 54: 394-403.
10. Eynaud, F., Turon, J.-L., **Sánchez Goñi, M.F.** & Gendreau, S. 2000. Dinoflagellate cyst evidence of Heinrich-like events off Portugal during Marine Isotopic Stage 5. **Marine Micropaleontology** 40: 9-21.
9. **Sánchez Goñi, M.F.**, Eynaud, F., Turon, J.-L. , Shackleton, N.J. & Cayre, O. 2000. Direct land-sea correlation for the Eemian and its comparison with the Holocene: a high resolution palynological

record off the Iberian margin. **Netherlands Journal of Geosciences/Geologie en Mijnbouw** 79(2/3): 345-354.

<2000

8. **Sánchez Goñi, M.F.**, Eynaud, F., Turon, J.-L. & Shackleton, N.J. 1999. High resolution palynological record off the Iberian margin: direct land-sea correlation for the Last Interglacial complex. **Earth and Planetary Science Letters** 171: 123-137.
 7. **Sánchez Goñi, M.F.** & Hannon, G. 1999. High altitude vegetational patterns on the Iberian Mountain Chain (north-central Spain) during the Holocene. **The Holocene** 9(1): 39-57.
 6. **Sánchez Goñi, M.F.** 1996. Les changements climatiques du Paléolithique supérieur. Enquête sur le rapport entre Paléoclimatologie et Préhistoire. **Zephyrus** 49 :3-36.
 5. **Sánchez Goñi, M.F.** 1996. Vegetation and sea level changes during the Holocene in the estuary of Bidasoa (southern part of the Bay of Biscay). **Quaternaire** 7: 207-219.
 4. **Sánchez Goñi, M.F.** 1996. The Older Dryas of northern France in a west European context. **Révue de Paléobiologie** 15: 519-531.
 3. **Sánchez Goñi, M.F.** 1994. The identification of European Upper Palaeolithic interstadials from cave sequences. **American Association of Stratigraphic Palynologists, Contributions Series** 29: 161-182.
 2. **Sánchez Goñi, M.F.** 1994. L'environnement de l'homme préhistorique dans la région cantabrique d'après la taphonomie polliniques des grottes. **L'Anthropologie** 98 : 379-417.
 1. **Sánchez Goñi, M.F.** 1991. On the Last Glacial and the Interstadials during the Solutrean: a contradiction ? **Current Anthropology** 5: 573-577.
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