

SCIENTIFIC PUBLICATIONS

SCI papers

(IFI = Impact factor index of the *Journal Citation Reports*, Q1-4 = quartiles, D1 = First decile, HI = High impact: IFI >9)

1. Cao, M., Rivas-Ruiz., Trapote, M.C., Vegas-Vilarrúbia, T., **Rull, V.**, Rosell-Melé, A. 2020. Seasonal effects of water temperature and dissolved oxygen on isoGDGT proxy (TEX86) in a Mediterranean oligotrophic lake. *Chemical Geology*, 551: 119759. (IFI2019 3.363 – Q2).
2. **Rull, V.** 2020. Drought, freshwater availability and cultural resilience on Easter Island (SE Pacific) during the Little Ice Age. *The Holocene*, 30: 774-780. (IFI2019 2.353 – Q2).
3. **Rull, V.** 2020. The deforestation of Easter Island. *Biological Reviews*, 95: 124-141. (IFI2019 10.701 – Q1, D1, HI).
4. Montoya, E., Pedra- Méndez, J., García-Falcó, E., Gómez-Paccard, M., Giralt, S., Vegas-Vilarrúbia, T., Stauffer, F. & **Rull, V.** 2019. Long-term vegetation dynamics of a tropical megadelta: mid-Holocene palaeoecology of the Orinoco Delta (Venezuela). *Quaternary Science Reviews*, 221: 105874. (IFI2019 3.803 – Q1, D1).
5. Vázquez-Loureiro, D., Gonçalves, V., Sáez, A., Hernández, A., Raposeiro, P., Giralt, S., Rubio-Hernández, M.J., **Rull, V.** & Bao, R. 2019. Diatom-inferred ecological responses of an oceanic lake system to volcanism and anthropogenic perturbations since 1290 CE. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 534: 109285. (IFI2019 2.833 – Q1, D1).
6. Corella, J.P. Benito, G., Wilhelm, B., Montoya, E., **Rull, V.**, Vegas-Vilarrúbia, T. & Valero-Garcés, B. 2019. A millennium-long perspective of flood-related seasonal sediment yield in Mediterranean watersheds. *Global and Planetary Change*, 177: 127-140. (IFI2019 4.448 – Q1, D1).
7. Trapote, M., **Rull, V.**, Giralt, S., Montoya, E., Corella, J.P. & Vegas Vilarrúbia, T. 2018. High-resolution (subdecadal) pollen analysis of varved sediments from Lake Montcortès (southern Pyrenean flank): a fine-tuned record of landscape dynamics and human impact during the last 500 years. *Review of Palaeobotany and Palynology*, 259: 207-222. (IFI2018 1.674 – Q2).
8. Montoya, E., **Rull, V.**, Vegas-Vilarrúbia, T., Corella, J.P., Giralt, S. & Valero-Garcés, B. 2018. Grazing activities in the Southern Central Pyrenees during the last millennium as deduced from the non-pollen palynomorphs (NPP) record of lake Montcortès. *Review of Palaeobotany and Palynology*, 254: 8-19. (IFI2018 1.674 – Q2).
9. Margalef, O., Álvarez-Gómez, J.A., Pla-Rabes, S., Cañellas-Boltà, N., **Rull, V.**, Sáez, A., Geyer, A., Peñuelas, J., Sardans, J. & Giralt, S. 2018. Revisiting the role of high-energy Pacific events on the environmental history of Easter Island (Rapa Nui). *Geographical Journal*, 184: 310-322. (IFI2018 2.357 – Q2).
10. Trapote, M.C., Vegas-Vilarrúbia, T., López, P., Puche, E., Gomà, J., Buchaca, T., Cañellas-Boltà, N., Safont, E., Corella, J.P. & **Rull, V.** 2018. Modern sedimentary analogs and integrated monitoring to understand varve formation in the Mediterranean Lake Montcortès (Central Pyrenees, Spain). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 496: 292-304. (IFI2018 2.616 – Q1, D1).
11. **Rull, V.**, Montoya, E., Giesecke, T. & Morris, J.L. 2018. Editorial: Paleoecology and Vegetation History. *Frontiers in Earth Science*, doi 10.3389/feart.2018.00186. (IFI2018 2.892 – Q2).
12. **Rull, V.** & Giralt, S. 2018. Editorial: Palaeoecology of Easter Island: Natural and Anthropogenic Drivers of Ecological Change. *Frontiers in Ecology and Evolution*, 6: 105, doi 10.3389/fevo.2018.00105. (IFI2018 2.686 – Q2).
13. **Rull, V.**, Montoya, E., Seco, I., Cañellas-Boltà, N., Giralt, S., Margalef, O., Pla-Rabes, S., D'Andrea, W., Bradley, R. & Sáez, A. 2018. CLAFS, a holistic climatic-ecological-anthropogenic hypothesis on Easter Island's deforestation and cultural change: proposals and testing prospects. *Frontiers in Ecology and Evolution*, 6: 32, doi 10.3389/fevo.2018.00032. (IFI2018 2.686 – Q2).
14. Vegas-Vilarrúbia, T., Corella, J.P., Pérez-Zanón, N., Buchaca, T., Trapote, M.C., López, P., Sigró, J. & **Rull, V.** 2018. Historical shifts in oxygenation regime as recorded in the laminated sediments of Lake Montcortès (Central Pyrenees) support hypoxia as a continental-scale phenomenon. *Science of the Total Environment*, 612: 1577-1592. (IFI2018 5.589 – Q1).

15. **Rull, V.**, Connor, S. & Elias, R. 2017. Potential natural vegetation and pre-anthropogenic palynological records on the Azores Islands in a Macaronesian context. *Journal of Biogeography*, 44: 2437-2440. (IFI2017 4.154 – Q1).
16. **Rull, V.** 2017. The 'Anthropocene': neglects, misconceptions and possible futures. *EMBO Reports*, 18: 1056-1060. (IFI2017 8.749- Q1, D1).
17. Hernández, A., Sáez, A., Bao, R., Raposeiro, P., Trigo, R., Doolittle, S., Masqué, P., **Rull, V.**, Gonçalves, V., Vázquez-Loureiro, D., Rubio-Inglés, M.J., Sánchez-López, G. & Giralt, S. 2017. The influences of the AMO and NAO on the sedimentary infill in an Azores archipelago lake climate since ca. 1350 AD. *Global and Planetary Change*, 154: 61-74. (IFI2017 3.982 – Q1, D1).
18. **Rull, V.** & Montoya, E. 2017. Holocene vegetation dynamics in the Apakará summit of the neotropical Guayana Highlands. *Review of Palaeobotany and Palynology*, 240: 22-32. (IFI2017 1.665 – Q2).
19. **Rull, V.**, Lara, A., Rubio-Inglés, M.J., Sáez, A., Giralt, S., Gonçalves, V., Raposeiro, P., Hernández, A., Sánchez-López, G., Vázquez-Loureiro, D., Bao, R., Masqué, P. & Sáez, A. 2017. Vegetation and landscape dynamics under natural and anthropogenic forcing on the Azores Islands: a 700-year pollen record from the São Miguel Island. *Quaternary Science Reviews*, 159: 155-168. (IFI2017 4.334 – Q1, D1).
20. **Rull, V.** & Vegas-Vilarrúbia, T. 2017. Potential responses of vascular plants from the pristine 'lost world' of the neotropical Guayana Highlands to global warming: review and new perspectives. *Frontiers in Plant Science*, 8: 81, doi: 10.3389/fpls.2017.00081. (IFI2017 3.678 – Q1).
21. **Rull, V.**, Trapote, M.C., Safont, E., Cañellas-Boltà, N., Pérez-Zanón, N., Sigró, J. & Vegas-Vilarrúbia, T. 2017. Seasonal patterns of pollen sedimentation in Lake Montcortès (Central Pyrenees) and potential applications to high-resolution paleoecology: a 2-year pilot study. *Journal of Paleolimnology*, 57: 95-108. (IFI2017 2.168 – Q1).
22. Raposeiro, P.M., Rubio-Inglés, M.J., González, A., Hernández, A., Sánchez-López, G., Vázquez-Loureiro, D., **Rull, V.**, Bao, R., Costa, A.C., Gonçalves, V., Sáez, A. & Giralt, S. 2017. Impact of the historical introduction of exotic fishes on the chironomid community of Lake Azul (Azores Islands). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 466: 77-88. (IFI2017 2.375 – Q1).
23. Vegas-Vilarrúbia, T. & **Rull, V.** 2016. Undervalued impacts of sea-level rise: vanishing deltas. *Frontiers in Ecology and Evolution*, 4: 77, doi: 10.3389/fevo.2016.00077. (IFI2018 2.686 – Q2).
24. **Rull, V.** 2016. The EIRA database: Last Glacial and Holocene radiocarbon ages from Easter Island's sedimentary records. *Frontiers in Ecology and Evolution*, 4: 44, doi: 10.3389/fevo.2016.00044. (IFI2018 2.686 – Q2).
25. **Rull, V.**, Cañellas-Boltà, N., Margalef, O., Pla-Rabes, S., Sáez, A. & Giralt, S. 2016. Three millennia of climatic, ecological and cultural change on Easter Island: a synthetic overview. *Frontiers in Ecology and Evolution*, 4: 29, doi: 10.3389/fevo.2016.00029. (IFI2018 2.686 – Q2).
26. **Rull, V.** 2016. Natural and anthropogenic drivers of cultural change on Easter Island: review and new insights. *Quaternary Science Reviews*, 150: 31-41. (IFI2016 4.797 – Q1, D1).
27. **Rull, V.**, Vegas-Vilarrúbia, T. & Safont, E. 2016. The Lost World's pristinity at risk. *Diversity and Distributions*, 22: 995-999. (IFI2016 4.391 – Q1).
28. **Rull, V.** 2016. The 'Anthropocene': a requiem for the Geological Time Scale? *Quaternary Geochronology*, 36: 76-77. (IFI2016 2.460 – Q2).
29. **Rull, V.**, Vegas-Vilarrúbia, T. & Montoya, E. 2016. The neotropical Gran Sabana region: palaeoecology and conservation. *The Holocene*, 26: 1162-1167. (IFI2016 2.324 – Q2).
30. **Rull, V.** 2016. The Humanized Earth System (HES). *The Holocene*, 26: 1513-1515. (IFI2016 2.324 – Q2).
31. Safont, E., **Rull, V.**, Vegas-Vilarrúbia, T., Montoya, E., Huber, O. & Holst, B.K. 2016. Late Holocene vegetation and fire dynamics in the Guayana Highlands: the Uei-tepui palynological record. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 455: 33-43. (IFI2016 2.578 – Q1).
32. Safont, E., Vegas-Vilarrúbia, T., **Rull, V.**, Holst, B.K., Huber, O., Nozawa, S., Vivas, Y., Font, X. & Silva, A. 2016. Plant communities and environmental factors in the Guayana Highlands: monitoring for conservation under future climate change. *Systematics & Biodiversity*, 14: 327-344. (IFI2016 2.127 – Q2).

33. Flantua, S.G.A., Hooghiemstra, H., Vuille, M., Behling, H., Carson, J., Gosling, W., Hoyos, I., Ledru, M.-P., Montoya, E., Mayle, F., Maldonado, A., **Rull, V.**, Tonello, M., Whitney, B.S. & González-Arango, C. 2016. Climate change and human impact in Central and South America over the last 2000 years. *Climate of the Past*, 12: 483-523. (IFI2016 3.543 – Q1).
34. **Rull, V.** 2016. Free science under threat. *EMBO Reports*, 17: 131-135. (IFI2016 8.568 – Q1, D1).
35. Cañellas-Boltà, N., **Rull, V.**, Sáez, A., Margalef, O., Bao, R., Pla-Rabes, S., Valero-Garcés, B. & Giralt, S. 2016. Vegetation dynamics at Lake Raraku (Easter Island) catchment during the last 34,000 years. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 446: 55-69. (IFI2016 2.578 – Q1).
36. **Rull, V.** 2015. Pleistocene speciation is not refuge speciation. *Journal of Biogeography*, 42: 602-604. (IFI2015 3.997 – Q1).
37. Vegas-Vilarrúbia, T., Hernández, E., **Rull, V.** & Rull-Vegas, E. 2015. The Orinoco megadelta as a conservation target in the face of the ongoing and future sea level rise. *Science of the Total Environment*, 515-516: 129-142. (IFI2015 3.976 – Q1).
38. **Rull, V.**, Vegas-Vilarrúbia, T. & Montoya, E. 2015. Neotropical vegetation responses to Younger Dryas climates as analogs for future climate change scenarios and lessons for conservation. *Quaternary Science Reviews*, 115: 28-38. (IFI2015 4.521 – Q1, D1).
39. **Rull, V.** 2015. Long-term vegetation stability and the concept of potential natural vegetation in the Neotropics. *Journal of Vegetation Science*, 26: 603-607. (IFI2015 3.151 – Q1, D1).
40. **Rull, V.** & Vegas-Vilarrúbia, T. 2015. Crops and weeds from the lake Montcortès region (southern Pyrenees) during the last millennium: a comparison of historical and palynological records. *Vegetation History & Archaeobotany*, 24: 699-710. (IFI2015 2.031 – Q1).
41. Flantua, S.G.A., Hooghiemstra, H., Grimm, E.C., Behling, H., Bush, M.B., González-Arango, C., Gosling, W., Ledru, M.-P., Lozano-García, S., Maldonado, A., Prieto, A., **Rull, V.** & Van Boxel, J.H. 2015. Updated site compilation of the Latin American Pollen Database. *Review of Palaeobotany & Palynology*, 223: 104-115. (IFI2015 2.158 – Q1).
42. **Rull, V.**, Montoya, E., Vegas-Vilarrúbia, T. & Ballesteros, T. 2015. New insights on paleofires and savannisation in northern South America. *Quaternary Science Reviews*, 122: 158-165. (IFI2015 4.521 – Q1, D1).
43. **Rull, V.**, Cañellas-Boltà, N., Margalef, O., Sáez, A., Pla-Rabes, S. & Giralt, S. 2015. Late Holocene vegetation dynamics and deforestation in Rano Aroi: implications for Easter Island's ecological and cultural history. *Quaternary Science Reviews*, 126: 219-226. (IFI2015 4.521 – Q1, D1).
44. **Rull, V.** 2014. Conservation, human values and democracy. *EMBO Reports*, 15: 17-20. (IFI2014 9.055 – Q1, D1, HI).
45. López-Vila, J., Montoya, E., Cañellas-Boltà, N. & **Rull, V.** 2014. Modern non-pollen palynomorphs sedimentation along an elevational gradient in the south-central Pyrenees (southwestern Europe) as a tool for Holocene paleoecological reconstruction. *The Holocene*, 24: 372-345. (IFI2014 2.283 – Q2).
46. Cañellas-Boltà, N., **Rull, V.**, Sáez, A., Prebble, M. & Margalef, O. 2014. First records and potential paleoecological significance of *Dianella* (Xanthorrhoeaceae), an extinct representative of the native flora of Easter Island. *Vegetation History and Archaeobotany*, 23: 331-338. (IFI2014 2.648 – Q1, D1).
47. **Rull, V.** 2014. Macrorefugia and Microrefugia. *Trends in Ecology and Evolution*, 29: 243-244. (IFI 2014 16.196 – Q1, D1, HI).
48. **Rull, V.** & Montoya, E. 2014. *Mauritia flexuosa* palm swamp communities: natural or human-made? A palynological study of the Gran Sabana region (northern South America) within a neotropical context. *Quaternary Science Reviews*, 99: 13-33. (IFI2014 4.572 – Q1, D1).
49. Safont, E., **Rull, V.**, Vegas-Vilarrúbia, T., Holst, B.K., Huber, O., Nozawa, S., Vivas, Y. & Silva, A. 2014. Establishing a baseline of plant diversity and endemism in a neotropical mountain summit for future comparative studies assessing upward migration: an approach from biogeography and nature conservation. *Systematics and Biodiversity*, 12: 292-314. (IFI2014 2.191 – Q2).
50. **Rull, V.** 2014. The most important application of science. *EMBO reports*, 15: 919-922. (IFI 2014 9.055 – Q1, D1, HI).

51. **Rull, V.** & Vegas-Vilarrúbia, T. 2014. Preliminary report on a mid-19th century *Cannabis* pollen peak in NE Spain: historical context and potential chronological significance. *The Holocene*, 24: 1378-1383. (IFI2014 2.283 – Q2).
52. Ballesteros, T., Vegas-Vilarrúbia, T., Montoya, E., Abbott, M.B., Giralt, S., Stansell, N. & **Rull, V.** 2014. An 8700-year record of the interplay of environmental and human drivers in the development of the southern Gran Sabana landscape, SE Venezuela. *The Holocene*, 24: 1757-1770. (IFI2014 2.283 – Q2).
53. **Rull, V.** 2014. Time continuum and the true long-term ecology: from theory to practice. *Frontiers in Ecology and Evolution*, 2, 75, doi: 10.3389/fevo.2014.00075. (IFI2018 2.686 – Q2).
54. **Rull, V.**, Cañellas-Boltà, N., Sáez, A., Margalef, O., Bao, R., Pla-Rabes, S., Valero-Garcés, B. & Giralt, S. 2013. Challenging Easter Island's collapse: the need for interdisciplinary synergies. *Frontiers in Ecology and Evolution*, 1: 3 (doi: 10.3389/fevo.2013.00003). (IFI2018 2.686 – Q2).
55. Cañellas-Boltà, N., **Rull, V.**, Sáez, A., Margalef, O., Bao, R., Pla-Rabes, S., Valero-Garcés, B., Blaauw, M. & Giralt, S. 2013. Vegetation changes and human settlement of Easter Island during the last millennia: a multiproxy study of the Lake Raraku sediments. *Quaternary Science Reviews*, 72: 36-48. (IFI2013 4.571 – Q1, D1).
56. Nogué, S., **Rull, V.** & Vegas-Vilarrúbia, T. 2013. Elevation gradients in the neotropical table mountains: patterns of endemism and implications for conservation. *Diversity and Distributions*, 19: 676-687. (IFI2013 5.469 – Q1, D1).
57. **Rull, V.** 2013. A futurist perspective on the Anthropocene. *The Holocene*, 23: 1198-1201. (IFI2013 3.794 – Q1, D1).
58. Margalef, O., Cañellas-Boltà, N., Pla-Rabes, S., Giralt, S., Pueyo, J. J., Joosten, H., **Rull, V.**, Buchaca, T., Hernández, A., Valero-Garcés, B. L., Moreno, A. & Sáez, A. 2013. A 70,000 multiproxy record of climatic and environmental change from Rano Aroi peatland (Easter Island). *Global and Planetary Change*, 108: 72-84. (IFI 2013 3.707 – Q1).
59. **Rull, V.** 2013. Paleoclimates and Amazon biodiversity. *Journal of Biogeography*, 40: 1413-1414. (IFI2013 4.969 – Q1, D1).
60. **Rull, V.** 2013. Are we willing to build a better future? *Trends in Ecology and Evolution*, 28: 443-444. (IFI2013 15.353 – Q1, D1, HI).
61. **Rull, V.**, Montoya, E., Nogué, S., Vegas-Vilarrúbia, T. & Safont, E. 2013. Ecological palaeoecology in the neotropical Gran Sabana region: long-term records of vegetation dynamics as a basis for ecological hypothesis testing. *Perspectives in Plant Ecology, Evolution and Systematics*, 15: 338-359. (IFI2013 3.324 – Q1).
62. **Rull, V.** 2013. Some problems in the study of the origin of tropical biodiversity using palaeoecological and molecular phylogenetic evidence. *Systematics and Biodiversity*, 11: 415-423. (IFI2013 2.153 – Q2).
63. **Rull, V.** 2012. Time, evolution and physical reductionism. *EMBO Reports*, 13: 181-185. (IFI2012 7.189 – Q1).
64. Cañellas-Boltà, N., **Rull, V.**, Sáez, A., Margalef, S., Giralt, S., Pueyo, J. J., Birks, H. H., Birks, H. J. B. & Pla, S. 2012. Macrofossils in Raraku Lake (Easter Island). An integration of sedimentary and geochemical records and a palaeoecological synthesis for the last 34 cal kyr. *Quaternary Science Reviews*, 34: 113-126. (IFI2012 4.076 – Q1, D1).
65. **Rull, V.** 2012. Paleobiodiversity and taxonomic resolution: linking past trends with present patterns. *Journal of Biogeography*, 39: 1005-1006. (IFI2012 4.863 – Q1, D1).
66. **Rull, V.** 2012. Community ecology: diversity and dynamics over time. *Community Ecology*, 13: 102-116. (IFI2012 1.623 – Q3).
67. Safont, E., Vegas-Vilarrúbia, T. & **Rull, V.** 2012. Use of Environmental Impact Assessment (EIA) tools to set priorities and optimize strategies in biodiversity conservation. *Biological Conservation*, 149: 113-121. (IFI2012 3.794 – Q1, D1).
68. Vegas-Vilarrúbia, T., Nogué, S., **Rull, V.** 2012. Global warming, habitat shifts and potential refugia for biodiversity conservation in the neotropical Guayana Highlands. *Biological Conservation*, 152: 159-168. (IFI2012 3.794 – Q1, D1).

69. Corella, J. P., Brauer, A., Mangili, C., **Rull, V.**, Vegas-Vilarrúbia, T., Morellón, M. & Valero-Garcés, B. 2012. The 1.5 ka varved record of Lake Montcortès (southern Pyrenees, NE Spain). *Quaternary Research*, 78: 323-332. (IFI2012 2.204 – Q2).
70. **Rull, V.** 2012. Past natural history and ecological biodiversity modeling. *Systematics and Biodiversity*, 10: 1-5. (IFI2012 1.884 – Q2).
71. Montoya, E., **Rull, V.** & Vegas-Vilarrúbia, T. 2012. Non-pollen palynomorph studies in the Neotropics: the case of Venezuela. *Review of Palaeobotany and Palynology*, 186: 102-130. (IFI2012 1.933 – Q1).
72. **Rull, V.** 2011. Origins of biodiversity. *Science*, 331: 398-399. (IFI2011 31.201 – Q1, D1, HI).
73. **Rull, V.** & Vegas-Vilarrúbia, T. 2011. What is long-term in ecology? *Trends in Ecology & Evolution*, 26: 3-4. (IFI2011 15.748 – Q1, D1, HI).
74. **Rull, V.** 2011. Sustainability, capitalism and evolution. *EMBO Reports*, 12: 103-106. (IFI2011 7.355 – Q1).
75. Montoya, E., **Rull, V.**, Stansell, N. D., Bird, B. W., Nogué, S., Vegas-Vilarrúbia, T., Abbott, M. B. & Díaz, W. A. 2011. Vegetation changes in the Neotropical Gran Sabana (Venezuela) around the Younger Dryas Chron. *Journal of Quaternary Science*, 26: 207-218. (IFI2011 2.308 – Q1).
76. Vegas-Vilarrúbia, T., **Rull, V.**, Montoya, E. & Safont, E. 2011. Quaternary palaeoecology and nature conservation: a general review and some examples from the Neotropics. *Quaternary Science Reviews*, 30: 2361-2388. (IFI2011 3.973 – Q1, D1).
77. **Rull, V.** 2011. Neotropical biodiversity: timing and potential drivers. *Trends in Ecology & Evolution*, 26: 508-513. (IFI2011 15.748 – Q1, D1, HI).
78. Montoya, E., **Rull, V.** & Nogué, S. 2011. Early human occupation and land use changes near the boundary of the Orinoco and the Amazon basins (SE Venezuela): palynological evidence from El Paují record. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 310: 413-426. (IFI2011 2.392 – Q1).
79. Montoya, E. & **Rull, V.** 2011. Gran Sabana fires (SE Venezuela): a paleoecological perspective. *Quaternary Science Reviews*, 30: 3430-3444. (IFI2011 3.973 – Q1, D1).
80. Montoya, E., **Rull, V.**, Stansell, N. D., Abbott, M. B., Nogué, S., Bird, B. W. & Díaz, W. 2011. Forest-savanna-*morichal* dynamics in relation to fire and human occupation in the southern Gran Sabana (SE Venezuela) during the last millennia. *Quaternary Research*, 76: 335-344. (IFI2011 2.515 – Q1).
81. Corella, J. P., Moreno, A., Morellón, M., **Rull, V.**, Giral, S., Rico, M. T., Pérez-Sanz, A. & Valero-Garcés, B. 2011. Climate and human impact on a meromictic lake during the last 6,000 years (Montcortès Lake, Central Pyrenees, Spain). *Journal of Paleolimnology*, 46: 351-367. (IFI2011 1.898 – Q1).
82. **Rull, V.**, González-Sampériz, P., Corella, J. P., Morellón, M. & Giral, S. 2011. Vegetation changes in the southern Pyrenean flank during the last millennium in relation to climate and human activities: the Montcortès lacustrine record. *Journal of Paleolimnology*, 46: 387-404. (IFI2011 1.898 – Q1).
83. Scussolini, P., Vegas-Vilarrúbia, T., **Rull, V.**, Corella, P., Valero, B. & Gomà, J. 2011. Mid-late Holocene climate change and human impact based on diatoms, algae and aquatic vegetation pollen from Lake Montcortès (NE Iberian Peninsula) *Journal of Paleolimnology*, 46: 369-385. (IFI2011 1.898 – Q1).
84. **Rull, V.** 2010. The candid approach. *EMBO Reports*, 11: 14-17. (IFI2010 7.822 – Q1).
85. **Rull, V.**, Cañelas-Boltà, N., Sáez, A., Giral, S., Pla, S. & Margalef, O. 2010. Paleoecology of Easter Island: evidence and uncertainties. *Earth-Science Reviews*, 99: 50-60. (IFI 5.883 – Q1, D1).
86. Stansell, N. D., Abbott, M. B., **Rull, V.**, Rodbell, D. T., Bezada, M. & Montoya, E. 2010. Abrupt Younger Dryas cooling in the northern tropics recorded in lake sediments from the Venezuelan Andes. *Earth and Planetary Science Letters*, 293: 154-163. (IFI2010 4.279 – Q1, D1).
87. **Rull, V.** 2010. Food security: green revolution drawbacks. *Science*, 328: 169. (IFI2010 31.377 – Q1, D1, HI).
88. Cody, S., Richardson, J. E., **Rull, V.**, Ellis, Ch. & Pennington, R. T. 2010. The great American biotic interchange revisited. *Ecography*, 33: 326-332. (IFI2010 4.417 – Q1).

89. **Rull, V.** 2010. On microrefugia and cryptic refugia. *Journal of Biogeography*, 37: 1623-1627. (IFI2010 4.273 – Q1, D1).
90. **Rull, V.** 2010. Who needs a greener revolution? *EMBO Reports*, 11: 659-663. (IFI2010 7.822 – Q1).
91. Montoya, E., **Rull, V.** & van Geel, B. 2010. Non-pollen palynomorphs from surface sediments along an altitudinal transect of the Venezuelan Andes. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 297: 169-183. (IFI2010 2.390 – Q1).
92. **Rull, V.**, Stansell, N. D., Montoya, E., Bezada, M. & Abbott, M. B. 2010. Palynological signal of the Younger Dryas in the tropical Venezuelan Andes. *Quaternary Science Reviews*, 29: 3045-3056. (IFI2010 4.657 – Q1, D1).
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SCI papers summary:

- Total = 155
- Q1 = 99 (D1 = 55, HI = 11)
- Q2 = 40
- Q3 = 6
- Q4 = 10

Non-SCI papers

1. Vegas-Vilarrúbia, T., **Rull, V.**, Trapote, M.C., Cao, M., Rosell-Melé, T., Buchaca, T., Gomà, J., López, P., Sigró, J., Safont, E., Cañellas, N., Garcés-Pastor, S., Giralt, S., Corella, P. & Zanón, N. 2020. Modern analog approach applied to high-resolution varved sediments – a synthesis for Lake Montcortès (Central Pyrenees). *Quaternary*, 3: 1, doi 10.3390/quat3010001.
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