

FULL PUBLICATION LIST (1984-2018) – Valentí Rull

Updated: 3 July 2018

SCI papers

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

1. 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. (IFI2017 1.665 – Q2)
2. 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*, doi: 10.1111/geoj.12253. (IFI2017 2.563 – Q1).
3. 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. (IFI2017 2.375 – Q1, D1).
4. 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. (IFI2017 4.610 – Q1).
5. **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).
6. **Rull, V.** 2017. The 'Anthropocene': neglects, misconceptions and possible futures. *EMBO Reports*, 18: 1056-1060. (IFI2017 8.749- Q1, D1).
7. 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).
8. **Rull, V.** & Montoya, E. 2017. Holocene vegetation dynamics in the Apakarà summit of the neotropical Guayana Highlands. *Review of Palaeobotany and Palynology*, 240: 22-32. (IFI2017 1.665 – Q2).
9. **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).
10. **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).
11. **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).
12. 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).
13. **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).

14. **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).
15. **Rull, V.** 2016. The 'Anthropocene': a requiem for the Geological Time Scale? *Quaternary Geochronology*, 36: 76-77. (IFI2016 2.460 – Q2).
16. **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).
17. **Rull, V.** 2016. The Humanized Earth System (HES). *The Holocene*, 26: 1513-1515. (IFI2016 2.324 – Q2).
18. 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).
19. 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).
20. 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).
21. **Rull, V.** 2016. Free science under threat. *EMBO Reports*, 17: 131-135. (IFI2016 8.568 – Q1, D1).
22. 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).
23. **Rull, V.** 2015. Pleistocene speciation is not refuge speciation. *Journal of Biogeography*, 42: 602-604. (IFI2015 3.997 – Q1).
24. 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).
25. **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).
26. **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).
27. **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).
28. 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).
29. **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).
30. **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).
31. **Rull, V.** 2014. Conservation, human values and democracy. *EMBO Reports*, 15: 17-20. (IFI2014 9.055 – Q1, D1, HI).
32. 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).

33. 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).
34. **Rull, V.** 2014. Macrorefugia and Microrefugia. *Trends in Ecology and Evolution*, 29: 243-244. (IFI 2014 16.196 – Q1, D1, HI).
35. **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).
36. 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).
37. **Rull, V.** 2014. The most important application of science. *EMBO reports*, 15: 919-922. (IFI 2014 9.055 – Q1, D1, HI).
38. **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).
39. 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).
40. 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).
41. 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).
42. **Rull, V.** 2013. A futurist perspective on the Anthropocene. *The Holocene*, 23: 1198-1201. (IFI2013 3.794 – Q1, D1).
43. 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).
44. **Rull, V.** 2013. Paleoclimates and Amazon biodiversity. *Journal of Biogeography*, 40: 1413-1414. (IFI2013 4.969 – Q1, D1).
45. **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).
46. **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).
47. **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).
48. **Rull, V.** 2012. Time, evolution and physical reductionism. *EMBO Reports*, 13: 181-185. (IFI2012 7.189 – Q1).
49. 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).
50. **Rull, V.** 2012. Paleobiodiversity and taxonomic resolution: linking past trends with present patterns. *Journal of Biogeography*, 39: 1005-1006. (IFI2012 4.863 – Q1, D1).

51. **Rull, V.** 2012. Community ecology: diversity and dynamics over time. *Community Ecology*, 13: 102-116. (IFI2012 1.623 – Q3).
52. 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).
53. 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).
54. 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).
55. **Rull, V.** 2012. Past natural history and ecological biodiversity modeling. *Systematics and Biodiversity*, 10: 1-5. (IFI2012 1.884 – Q2).
56. 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).
57. **Rull, V.** 2011. Origins of biodiversity. *Science*, 331: 398-399. (IFI2011 31.201 – Q1, D1, HI).
58. **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).
59. **Rull, V.** 2011. Sustainability, capitalism and evolution. *EMBO Reports*, 12: 103-106. (IFI2011 7.355 – Q1).
60. 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).
61. 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).
62. **Rull, V.** 2011. Neotropical biodiversity: timing and potential drivers. *Trends in Ecology & Evolution*, 26: 508-513. (IFI2011 15.748 – Q1, D1, HI).
63. 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).
64. Montoya, E. & **Rull, V.** 2011. Gran Sabana fires (SE Venezuela): a paleoecological perspective. *Quaternary Science Reviews*, 30: 3430-3444. (IFI2011 3.973 – Q1, D1).
65. 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).
66. Corella, J. P., Moreno, A., Morellón, M., **Rull, V.**, Giralt, 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).
67. **Rull, V.**, González-Sampérez, P., Corella, J. P., Morellón, M. & Giralt, 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).
68. 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).
69. **Rull, V.** 2010. The candid approach. *EMBO Reports*, 11: 14-17. (IFI2010 7.822 – Q1).
70. **Rull, V.**, Cañelas-Boltà, N., Sáez, A., Giralt, S., Pla, S. & Margalef, O. 2010. Paleoecology of Easter Island: evidence and uncertainties. *Earth-Science Reviews*, 99: 50-60. (IFI 5.883 – Q1, D1).

71. 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).
72. **Rull, V.** 2010. Food security: green revolution drawbacks. *Science*, 328: 169. (IFI2010 31.377 – Q1, D1, HI).
73. 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).
74. **Rull, V.** 2010. On microrefugia and cryptic refugia. *Journal of Biogeography*, 37: 1623-1627. (IFI2010 4.273 – Q1, D1).
75. **Rull, V.** 2010. Who needs a greener revolution? *EMBO Reports*, 11: 659-663. (IFI2010 7.822 – Q1).
76. 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).
77. **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).
78. **Rull, V.** 2009. Microrefugia. *Journal of Biogeography*, 36: 481-484. (IFI2009 4.087 – Q1, D1).
79. **Rull, V.** 2009. Time's arrow: left or right? *Quaternary Geochronology*, 4: 83. (IFI2009 2.853 – Q1).
80. **Rull, V.** 2009. New paleoecological evidence on the role of fire in the Gran Sabana (Venezuelan Guayana), and implications for early human occupation. *Vegetation History and Archaeobotany*, 18: 219-224. (IFI2009 1.504 – Q1).
81. Nogué, S., **Rull, V.** & Vegas-Vilarrúbia, T. 2009. Modeling biodiversity loss by global warming in Pantepui, northern South America: projected upward migration and potential habitat loss. *Climatic Change*, 94: 77-85. (IFI2009 3.636 – Q1, D1).
82. Nogué, S., **Rull, V.**, Montoya, E., Huber, O. & Vegas-Vilarrúbia, T. 2009. Paleoecology of the Guayana Highlands (northern South America): Holocene pollen record from the Eruoda-tepui, in the Chimantá massif. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 281: 165-173. (IFI2009 2.646 – Q1).
83. **Rull, V.**, Vegas-Vilarrúbia, T., Nogué, S. & Huber, O. 2009. Conservation of the neotropical vascular flora from the neotropical Guayana Highlands in the face global warming. *Conservation Biology*, 23: 1323-1327. (IFI2009 4.666 – Q1, D1).
84. **Rull, V.** 2009. Beyond us. *EMBO Reports*, 10: 1191-1195. (IFI2009 6.907 – Q1).
85. Cañellas-Boltà, N., **Rull, V.**, Vigo, J. & Mercadé, A. 2009. Modern pollen-vegetation relationships along an altitudinal transect in the Central Pyrenees (southwestern Europe). *The Holocene*, 19: 1185-1200. (IFI2009 2.481 – Q1).
86. **Rull, V.** 2009. On the use of paleoecological evidence to assess the role of humans in the origin of the Gran Sabana (Venezuela). *Human Ecology*, 37: 783-785. (IFI2009 1.402 – Q1).
87. **Rull, V.** & Vegas-Vilarrúbia. 2008. Biopiracy rules hinder conservation efforts. *Nature*, 453: 26. (IFI2008 31.434 – Q1, D1, HI).
88. **Rull, V.** 2008. Speciation timing and neotropical biodiversity: the Tertiary-Quaternary debate in the light of molecular phylogenetic evidence. *Molecular Ecology*, 17: 2722-2729. (IFI2008 5.325 – Q1, D1).
89. **Rull, V.**, López-Sáez, J. A. & Vegas-Vilarrúbia, T. 2008. Contribution of non-pollen palynolorphs to the palaeolimnological study of a high-altitude Andean lake (Laguna Verde Alta, Venezuela). *Journal of Paleolimnology*, 40: 399-411. (IFI2008 2.160 – Q1).
90. **Rull, V.**, Vegas-Vilarrúbia, T., Nogué, S. & Montoya, E. 2008. Bureaucratic obstruction of conservation science in the Guayana Highlands. *Conservation Biology*, 22: 508-509. (IFI2008 4.705 – Q1, D1).
91. **Rull, V.** 2007. Holocene global warming and the origin of the neotropical Gran Sabana in the Venezuelan Guayana. *Journal of Biogeography*, 34: 279-288. (IFI2007 3.539 – Q1, D1).
92. **Rull, V.** & Nogué, S. 2007. Potential migration routes and barriers for vascular plants of the Neotropical Guayana Highlands during the Quaternary. *Journal of Biogeography*, 34: 1327-1341. (IFI2007 3.539 – Q1, D1).

93. **Rull, V.** 2007. The Guayana Highlands: a promised (but threatened) land for ecological and evolutionary science. *Biotropica*, 39: 31-34. (IFI2007 1.704 – Q2).
94. Stansell, N. D., Abbott, M. B., Polissar, P. J., Wolfe, A. P., Bezada, M. & **Rull, V.** 2007. Reply: Late Quaternary deglacial history of the Mérida Andes: response to a comment. *Journal of Quaternary Science*, 22: 823-825. (IFI2007 2.496 – Q1, D1).
95. **Rull, V.** & Vegas-Vilarrúbia, T. 2006. Unexpected biodiversity loss under global warming in the neotropical Guayana Highlands: a preliminary appraisal. *Global Change Biology*, 12: 1-6. (IFI2006 4.339 – Q1, D1).
96. **Rull, V.** 2006. A high mountain pollen-altitude calibration set for palaeoecological use in the tropical Andes. *The Holocene*, 16: 105-117. (IFI2006 2.000 – Q1).
97. **Rull, V.** 2006. Quaternary speciation in the Neotropics. *Molecular Ecology*, 15: 4257-4259. (IFI2006 4.825 – Q1, D1).
98. Polissar, P. J., Abbott, M. B., Wolfe, A. P., Bezada, M., **Rull, V.** & Bradley, R. S. 2006. Solar modulation of Little Ice Age in the tropical Andes. *Proceedings of the National Academy of Sciences USA*, 103: 8937-8942. (IFI2006 9.643 – Q1, D1, HI).
99. **Rull, V.** 2006. Reply to a comment by Dirszowsky, R. W., Mahaney, W. C., Kalm, V. and Beukens, R. on 'A Middle Wisconsin interstadial in the northern Andes' (Rull, V. 2005. JSAES 19, 173-179). *Journal of South American Earth Sciences*, 21: 315-317. (IFI2006 0.705 – Q3).
100. **Rull, V.** 2005. Palaeovegetational and palaeoenvironmental trends in the summit of the Guaiquinima massif (Venezuelan Guayana) during the Holocene. *Journal of Quaternary Science*, 20: 135-145. (IFI2005 1.500 – Q1).
101. **Rull, V.** 2005. Biotic diversification in the Guayana Highlands: a proposal. *Journal of Biogeography*, 32: 921-927. (IFI2005 2.804 – Q1, D1).
102. **Rull, V.** 2005. Vegetation and environmental constancy in the Neotropical Guayana Highlands during the last 6000 years? *Review of Palaeobotany and Palynology*, 135: 205-222. (IFI2005 1.704 – Q2).
103. **Rull, V.** 2005. A Middle Wisconsin interstadial in the northern Andes. *Journal of South American Earth Sciences*, 19: 173-179. (IFI2005 0.812 – Q3).
104. **Rull, V.**, Abbott, M. B., Polissar, P. P., Wolfe, A. P., Bezada, M. & Bradley, R. S. 2005. 15,000-year pollen record of vegetation change in the tropical high altitude Andes at Laguna Verde Alta, Venezuela. *Quaternary Research*, 64: 308-317. (IFI2005 2.014 – Q1).
105. Stansell, N. D., Abbott, M. B., Polissar, P. J., Wolfe, A. & **Rull, V.** 2005. Late Quaternary deglacial history of the Mérida Andes. *Journal of Quaternary Science*, 20: 801-812. (IFI2005 1.500 – Q1).
106. **Rull, V.** 2004. An evaluation of the Lost World and Vertical Displacement hypotheses in the Chimanta Massif, Venezuela Guayana. *Global Ecology and Biogeography*, 13: 141-148. (IFI2004 3.242 – Q1, D1).
107. **Rull, V.** 2004. Is the 'Lost World' really lost? Palaeoecological insights on the origin of the peculiar flora of the Guayana Highlands. *Naturwissenschaften*, 9: 139-142. (IFI2004 2.050 – Q1).
108. **Rull, V.** 2004. Biogeography of the 'Lost World': a palaeoecological perspective. *Earth-Science Reviews*, 67: 125-137. (IFI2004 4.543 – Q1, D1).
109. **Rull, V.** 2003. Contribution of quantitative ecological methods to the interpretation of stratigraphically homogeneous pre-Quaternary sequences: A palynological example from the Oligocene of Venezuela. *Palynology*, 27: 75-98. (IFI2017 1.383 – Q2).
110. **Rull, V.** 2003. An illustrated key for the identification of pollen from Pantepui and the Gran Sabana (eastern Venezuelan Guayana). *Palynology*, 27: 99-133. (IFI2017 1.383 – Q2).
111. Vegas-Vilarrúbia, T. & **Rull, V.** 2002. Natural and Human disturbance history of the Playa Medina Mangrove community (eastern Venezuela). *Caribbean Journal of Science*, 38: 66-76. (IFI2002 0.189 – Q4).
112. **Rull, V.** 2002. High-impact palynology in petroleum geology: Applications from Venezuela (northern South America). *American Association of Petroleum Geologists Bulletin*, 86: 279-300. (IFI2002 1.185 – Q1, D1).
113. **Rull, V.** 2001. A morphometric study of early Miocene *Mauritiidites* from northern South America. Paleoeological and evolutionary implications. *Grana*, 40: 163-167. (IFI2001 0.468 – Q3).

114. **Rull, V.** 2001. A quantitative palynological record from early Miocene of western Venezuela, with emphasis on mangroves. *Palynology*, 25: 109-126. (IFI2017 1.383 – Q2).
115. **Rull, V.** 2000. Ecostratigraphic study of Paleocene and early Eocene palynological cyclicity in northern South America. *Palaios*, 15: 14-24. (IFI2000 1.686 – Q1).
116. **Rull, V.** & Vegas-Vilarrúbia. 2000. Chrysophycean stomatocysts in a Caribbean mangrove. *Hydrobiologia*, 428: 145-150. (IFI2000 0.582 – Q3).
117. **Rull, V.** 2000. Erratum to: "Palaeofloristic and palaeovegetational changes across the Paleocene/Eocene boundary in northern South America. Review of Palaeobotany and Palynology" [Rev. Palaeobot Palynol. 107 (1999) 83-95]. *Review of Palaeobotany and Palynology*, 108: 83. (IFI2000 1.008 – Q2).
118. **Rull, V.** 1999. A palynological record of a secondary succession after fire in the Gran Sabana, Venezuela. *Journal of Quaternary Science*, 14: 137-152. (IFI1999 1.755 – Q1).
119. **Rull, V.**, Vegas- Vilarrúbia, T. & Espinoza de Pernía, N. 1999. Palynological record of an Early-Mid Holocene mangrove in Eastern Venezuela. Implications for sea-level rise and disturbance history. *Journal of Coastal Research*, 15: 496-504. (IFI1999 0.464 – Q4).
120. **Rull, V.** & Vegas-Vilarrúbia, T. 1999. Surface palynology of a small coastal basin from Venezuela and its potential paleoecological applications. *Micropaleontology*, 45: 365-393. (IFI1999 0.529 – Q4).
121. **Rull, V.** 1999. Palaeofloristic and palaeovegetational changes across the Paleocene/Eocene boundary in northern South America. Review of Palaeobotany and Palynology. *Review of Palaeobotany and Palynology*, 107: 83-95. (IFI1999 0.667 – Q3).
122. **Rull, V.** 1999. Palaeoclimatology and sea-level history in Venezuela. New data, land-sea correlations and proposals for future studies in the frame of the IGBP-PAGES Project. *Interciencia*, 24: 92-101. (IFI1999 0.234 – Q4).
123. **Rull, V.** 1999. Sequence analysis of Western Venezuelan Cretaceous to Eocene sediments using palynology. Chrono-palaeoenvironmental and palaeovegetational approaches. Reply. *Palynology*, 23: 35-36. (IFI2017 1.383 – Q2).
124. **Rull, V.** 1998. Palaeoecology of Pleniglacial sediments from the Venezuelan Andes. 1- Palynological record of El Caballo Stadial. *Review of Palaeobotany & Palynology*, 99: 95-114. (IFI1998 0.780 – Q2).
125. **Rull, V.** 1998. Middle Eocene mangroves and vegetation changes in the Maracaibo basin. *Palaios*, 13: 287-296. (IFI1998 1.506 – Q1).
126. **Rull, V.** 1998. Biogeographical and evolutionary considerations on *Mauritia* (Arecaceae), based on palynological evidence. *Review of Palaeobotany & Palynology*, 100: 109-122. (IFI1998 0.780 – Q2).
127. **Rull, V.** 1998. Evolución de los manglares neotropicales: La crisis del Eoceno. *Interciencia*, 23: 355-362. (IFI1998 0.219 – Q4).
128. **Rull, V.** 1997. Sequence analysis of Western Venezuelan Cretaceous to Eocene sediments using palynology. Chrono-palaeoenvironmental and palaeovegetational approaches. *Palynology*, 21: 79-90. (IFI2017 1.383 – Q2).
129. **Rull, V.** 1997. Oligo-Miocene Palynology of the Rio Chama sequence (Western Venezuela), with comments on fossil algae as paleoenvironmental indicators. *Palynology*, 21: 213-229. (IFI2017 1.383 – Q2).
130. **Rull, V.** 1996. Late Pleistocene and Holocene climates of Venezuela. *Quaternary International*, 31: 85-94. (IFI2017 2.163 – Q2).
131. **Rull, V.** 1996. Holocene vegetational succession in the Guaiquinima and Chimantá massifs (SE Venezuela). *Interciencia*, 21: 7-20. (IFI2017 0.318 – Q4).
132. **Rull, V.** 1995. Organic matter assemblages from recent sediments of the Tacarigua coastal lagoon (Northern Venezuela). *Geologie en Mijnbouw*, 74: 93-104. (IFI2017 0.925 – Q4).
133. **Rull, V.** 1992. Successional patterns of the Gran Sabana (Southeastern Venezuela) vegetation during the last 5,000 years, and its responses to climatic fluctuations and fire. *Journal of Biogeography*, 19: 329-338. (IFI2017 4.154 – Q1).
134. **Rull, V.** 1991. Palaeoecological significance of Chrysophycean stomatocysts: a statistical approach. *Hydrobiologia*, 220: 161- 165. (IFI2017 2.165 – Q2).

135. Perdomo-Ponce, D., Salgado Labouriau, M., Hernández, A., Alvarez, F., **Rull, V.**, Guariglia, M., Bolbochán, D., Suárez, V. 1991. Common airborne allergens and their clinical relevance in the Caracas valley. *Investigación Clínica*, 32:157-186. (IFI2017 0.318 – Q4)
136. Ponce, D. P., **Rull V.**, Hernández, A., Salgado-Labouriau, M. 1989. Preselection area of a representative aerobiological sampling station of a tropical valley. *Investigación Clínica*, 30:13-20. (IFI2017 0.318 – Q4)
137. **Rull, V.** & Schubert, C. 1989. Evolución de las hipótesis sobre el origen del Caribe. *Interciencia*, 14: 74-85. (IFI2017 0.258 – Q4).
138. Salgado-Labouriau, M.L., **Rull, V.**, Schubert, C. & Valastro Jr., S. 1988. The establishment of vegetation after Late-Pleistocene deglaciation in the Páramo Miranda, Venezuelan Andes. *Review of Palaeobotany & Palynology*, 55: 5-17. (IFI2017 1.665 – Q2).
139. **Rull, V.**, Salgado-Labouriau, M.L., Schubert, C. & Valastro Jr., S. 1987. Late Holocene temperature depression in the Venezuelan Andes: Palynological evidence. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 60: 109-121. (IFI2017 2.375 – Q1).
140. Salgado-Labouriau, M.L. & **Rull, V.** 1986. A method of introducing exotic pollen for paleoecological analysis of sediments. *Review of Palaeobotany & Palynology*, 47: 97-103. (IFI2017 1.665 – Q2).

Summary (n = 140)

- Q1 = 96 (D1 = 50, HI = 10)
- Q2 = 28
- Q3 = 7
- Q4 = 9

Non-SCI papers

1. **Rull, V.** & Giralt, S. 2018. Editorial: Palaeoecology of Easter Island: Natural and Anthropogenic Drivers of Ecological Change. *Frontiers in Ecology and Evolution*, doi 10.3389/fevo.2018.00105.
2. **Rull, V.** 2018. Palaeoinsights – editorial tips. *Quaternary*, 1: 5, doi 10.3390/quat1010005.
3. **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.
4. **Rull, V.** 2018. Quaternary – a multidisciplinary integrative journal to cope with a complex world. *Quaternary*, 1: 1-7.
5. **Rull, V.** 2017. The 'Anthropocene' uncovered. *Collectanea Botanica*, 36: e008, doi: 10.3989/collectbot.2017.v36.008
6. **Rull, V.**, Vegas-Vilarrúbia, T. & Montoya, E. 2017. Paleoecology as a guide to landscape conservation and restoration in the neotropical Gran Sabana. *PAGES Magazine*, 25: 82-83.
7. **Rull, V.**, Cañellas-Boltà, N., Margalef, O., Pla-Rabes, S., Sáez, A. & Giralt, S. 2016. Climate changes and cultural shifts on Easter Island during the last three millennia. *PAGES Magazine*, 24: 70-71.
8. Camarero, J.J., Garcés-Pastor, S., Gutiérrez, E., **Rull, V.**, Vegas-Vilarrúbia, T., Cañellas-Boltà, N., Sangüesa, G., Trapote, M.C., Clavaguera, A., Calero, M.A., Galván, J.D., Sánchez, R., Giralt, S. & Valero-Garcés, B. 2016. Reconstruyendo la historia de los bosques pirenaicos. *Proyectos de investigación en parques nacionales: convocatoria 2011-2014*, pp. 141-156.
9. 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
10. **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
11. **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

12. Calero, M.A., Valero-Garcés, B.L., **Rull, V.**, Vegas-Vilarrúbia, T., Garcés, S., López-Vila, J. & Camarero, J.J. 2016. El registro sedimentario del lago Sant Maurici (Pirineos Centrales). *Geogaceta*, 59: 11-14.
13. **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
14. **Rull, V.**, Cañellas-Boltà, N., Margalef, O., Pla-Rabes, S., Sáez, A. & Giral, 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
15. **Rull, V.** 2015. South American peopling and neotropical savannisation. *Journal of Brief Ideas*, doi: 10.5281/zenodo.16589
16. **Rull, V.** 2014. The social utility of science. *Collectanea Botanica*, 33: 85-90.
17. **Rull, V.** 2014. L'estany de Montcortès: Un arxiu climàtic i ecològic excepcional. *Brolla*, 33: 10-11.
18. **Rull, V.** 2014. Ecological palaeoecology: a missing link between ecology and evolution. *Collectanea Botanica*, 33: 65-73.
19. **Rull, V.** 2014. Biodiversity, mountains and climate change. *Collectanea Botanica*, 33: 75-79.
20. **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
21. **Rull, V.**, Cañellas-Boltà, N., Sáez, A., Margalef, O., Bao, R., Pla-Rabes, S., Valero-Garcés, B. & Giral, 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)
22. Mercadé, A., Vigo, J., **Rull, V.**, Vegas-Vilarrúbia, T., Garcés, S., Lara, A., Cañellas-Boltà, N. 2013. Vegetation and landscape around Lake Montcortès (Catalan pre-Pyrenees) as a tool for palaeoecological study of lake sediments. *Collectanea Botanica*, 32: 87-101.
23. **Rull, V.** 2013. La ciencia, esa extranjera. *Collectanea Botanica*, 32: 121-125.
24. **Rull, V.** 2012. Towards a scientific force: some insights and a manifesto. *Collectanea Botanica*, 31: 121-125.
25. **Rull, V.** 2012. Cycad diversification and tropical biodiversity. *Collectanea Botanica*, 31: 103-106..
26. **Rull, V.**, Montoya, E., Nogué, S. & Huber, O. 2011. Preliminary palynological analysis of a Holocene peat bog from Apakará-tepui (Chimantá Massif, Venezuelan Guayana). *Collectanea Botanica*, 30: 79-88.
27. **Rull, V.** 2011. Research efficiency in relation to investment. *Collectanea Botanica*, 30: 107-108.
28. **Rull, V.** 2010. El mito del desarrollo sostenible. *Collectanea Botanica*, 29: 103-109.
29. Safont, E., **Rull, V.**, Vegas-Vilarrúbia, T. & Nogué, S. 2010. L'escalfament global i l'extinció de les plantes: Un exemple tropical. *L'Atzavara*, 20: 29-42.
30. **Rull, V.** 2010. Ecology and paleoecology: two approaches, one objective. *The Open Ecology Journal*, 3: 1-5.
31. López- Martínez, C., Lara, A., **Rull, V.**, Campbell, L. & Nogué, S. 2010. Additions to the Pantepui pollen flora (Venezuelan Guayana): the Maguire Collection. *Collectanea Botanica*, 29: 31-49.
32. Montoya, E., **Rull, V.**, Nogué, S., Díaz, W. 2009. Paleoecología del Holoceno en la Gran Sabana, SE Venezuela: Análisis preliminar de polen y microcarbones en la Laguna Encantada. *Collectanea Botanica*, 28: 65-79.
33. **Rull, V.**, Vegas-Vilarrúbia, T., Nogué, S., Montoya, E., Cañellas, N. & Lara, A. 2007. Quaternary palaeoclimatology, neotropical diversity and potential effects of global warming. *Contributions to Science*, 3: 407-415.
34. **Rull, V.** 2007. On the origin of present neotropical biodiversity: a preliminary meta-analysis about speciation timing using molecular phylogenies. *ORSIS*, 22: 105-119.
35. **Rull, V.**, Vegas- Vilarrúbia, T. & Nogué, S. 2005. Cambio climático y diversidad de la flora vascular en las montañas tabulares de Guayana. *ORSIS*, 20: 61-71.
36. **Rull, V.** 2004. A novel use for the classical Hiller borer. *PAGES Newsletter*, 13: 3.
37. **Rull, V.** 2004. Biogeografía histórica de las tierras altas de Guayana y origen de la biodiversidad neotropical. *ORSIS*, 19: 37-48.
38. **Rull, V.** 2003. Sherlock Holmes y el Mundo Perdido. Una historia sobre el origen y la evolución de la flora neotropical de Panteui. *Historia Natural*, 3: 24-33.

39. **Rull, V.** 2000. Holocene sea level rise in Venezuela: a preliminary curve. *Boletín de la Sociedad Venezolana de Geólogos*, 25: 32-36.
40. **Rull, V.**, Bezada, M., Mahaney, W. C. 1999. The middle-Wisconsin El Pedregal interstadial in the Venezuelan Andes: palynological record. *Current Research in the Pleistocene*, 16: 111-113.
41. **Rull, V.** 1998. Modern and Quaternary palynological studies in the Caribbean and Atlantic coasts of northern South America: a paleoecologically-oriented review. *Boletín de la Sociedad Venezolana de Geólogos*, 23(2): 5-24.
42. **Rull, V.** & Vegas-Vilarrúbia, T. 1998. Palynomorphs other than pollen and fern spores in glacial sediments from the Venezuelan Andes. Preliminary assessment on their potential paleoecological value. *Boletín de la Sociedad Venezolana de Geólogos*, 23(1): 5-27.
43. **Rull, V.** 1998. Contribución a la morfología polínica de las Urticales de los Andes venezolanos. *Acta Botanica Venezuelica*, 21: 43-73.
44. **Rull, V.** & Vegas-Vilarrúbia, T. 1997. Acari remains from pleniglacial sediments of the Venezuelan Andes and their palaeolimnological significance. *Current Research in the Pleistocene*, 14: 153-155.
45. Lorente, M.A., **Rull, V.**, Ruiz, M., Durán, I., Truskowski, I. & Di Giacomo, E. 1997. Nuevos aportes para la datación de los principales eventos tectónicos y unidades litoestratigráficas de la Cuenca de Maracaibo, Venezuela occidental. *Boletín de Geología*, 18: 33-50.
46. **Rull, V.** 1997. Notas sobre Ecoestratigrafía. *Boletín de la Sociedad Venezolana de Geólogos*, 22: 34-36.
47. **Rull, V.** & Vegas-Vilarrúbia, T. 1996. Palynological evidence for the Last Glacial Maximum (LGM) in the Venezuelan Andes: preliminary results. *Current Research in the Pleistocene*, 13: 89-91.
48. **Rull, V.** & Vegas-Vilarrúbia, T. 1994. Palaeolimnological studies in Venezuela. *Verhandlungen Internationale Vereinigung Limnologie*, 25: 1122-1127.
49. Hambalek, N., **Rull, V.**, Di Giacomo, E. & Díaz de Gamero, M.L. 1994. Evolución paleoecológica y paleoambiental de la secuencia del Neógeno en el Surco de Urumaco, estado Falcón. Estudio palinológico y litológico. *Boletín de la Sociedad Venezolana de Geólogos*, 19: 7-19.
50. **Rull, V.** & Vegas-Vilarrúbia, T. 1993. Palaeolimnological record of a macrophyte hydrosere from Lake Carinapay, Southeastern Venezuela. *Tropical Freshwater Biology*, 3: 295-307.
51. **Rull, V.** & Vegas-Vilarrúbia, T. 1993. Objective dimension choice and multidimensional plotting as a means to improve the PCA interpretation in the Earth Sciences: examples from palaeolimnology and river ecology. *Mitteilungen aus dem Geologische-Paläontologische Institut der Universität Hamburg*, 74: 55-64.
52. **Rull, V.** & Schubert, C. 1993. Evolución de las hipótesis sobre el origen del Caribe. *Boletín de Historia de las Geociencias en Venezuela*, 49: 42-53.
53. **Rull, V.** 1993. El Equilibrio Puntuado frente a la ortodoxia darwiniana: una revisión crítica. *Paleontología Evolució*, 26-27: 37-45.
54. **Rull, V.** 1992. Paleoecología y análisis secuencial de una sección deltaica terciaria de la Cuenca de Maracaibo. *Boletín de la Sociedad Venezolana de Geólogos*, 46: 16-26.
55. **Rull, V.** & Vegas-Vilarrúbia, T. 1991. A paleolimnological example of modulated succession from Southeast Venezuela, and its significance in Pleistocene Paleocology. *Current Research in the Pleistocene*, 8: 81-83.
56. Rinaldi, M., **Rull, V.** & Schubert, C. 1990. Análisis paleoecológico de una turbera en la Gran Sabana (Santa Cruz de Mapaurí), Venezuela: Resultados preliminares. *Acta Científica Venezolana*, 41: 66-68.
57. **Rull, V.** 1990. Quaternary Palaeoecology and ecological theory. *ORSIS*, 5: 91-111.
58. **Rull, V.** & Schubert, C. 1989. The Little Ice Age in the tropical Venezuelan Andes. *Acta Científica Venezolana*, 40: 71-73.
59. **Rull, V.** & Rinaldi, M. 1989. Size variations of the *Kochia scoparia* pollen under different treatments, mounting, and storing media. *Acta Científica Venezolana*, 40: 470-472.
60. Schubert, C. & **Rull, V.** 1988. Alluvial and palynological studies in the Venezuelan Guayana Shield. *Tropical Geomorphology Newsletter*, 5: 10-13.
61. **Rull, V.**, Schubert, C., Huber, O. & Aravena, R. 1988. Estudios paleoecológicos sobre aluviones y turberas de sabana y tepuyes de la Gran Sabana (Estado Bolívar): Resultados preliminares. *Pantepui*, 4: 25-29.

62. **Rull, V.**, Schubert, C. & Aravena, R. 1988. Palynological studies in the Venezuelan Guayana Shield: preliminary results. *Current Research in the Pleistocene*, 5: 54-56.
63. Vegas-Vilarrúbia, T. & **Rull, V.** 1988. A multivariate statistical classification of Venezuelan blackwater rivers. *Mitteilungen aus dem Geologische-Paläontologische Institut der Universität Hamburg*, 66: 51-61.
64. **Rull, V.** 1987. A note on pollen counting in palaeoecology. *Pollen Spores*, 29: 471-480.
65. **Rull, V.** 1987. Evidencia de una oscilación climática fría, contemporánea con la Pequeña Edad de Hielo, en los Andes venezolanos. *Boletín de la Asociación Venezolana de Arqueología*, 4: 13-27.
66. Conde, J.E., **Rull, V.** & Vegas, T. 1986. Análisis exploratorio de datos ecológicos y biométricos: Gráficos stem-and-leaf (tallos-y-hojas) y boxplots (cajas gráficas). *Enseñanza de las Ciencias*, 4: 153-162.
67. **Rull, V.** 1986. Diatomeas y crisofíceas en los sedimentos acuáticos de una depresión cárstica del Pirineo catalán. *Oecologia aquatica*, 8: 11-24.
68. **Rull, V.**, Vegas, T. & Navarro, J. 1984. Extinción de la luz en los embalses españoles. Relaciones con la concentración de clorofila y las partículas en suspensión. *Oecologia aquatica*, 7: 25-36.

Books

1. **Rull, V.**, Vegas-Vilarrúbia, T., Huber, O. & Señaris, C. (eds.). Biodiversity of Pantepui, the 'lost world' of the Neotropics. Elsevier, Cambridge (approved Sep 2017, projected 2019).
2. **Rull, V.** & Carnaval, A. (eds.). Neotropical diversification. Springer, Berlin (approved May 2017, projected 2019).
3. **Rull, V.** 2018. *El "Antropoceno"*. Editorial CSIC-La Catarata. ISBN 978-84-00-10314-9.
4. **Rull, V.** 2016. *La Isla de Pascua. Una visión científica*. Editorial CSIC-La Catarata, Madrid. ISBN 978-84-00-10150-3.
5. **Rull, V.** 2014. *SciFor 2.0: A manifesto for a Global Science Force*. Institut Botànic de Barcelona, Barcelona.
6. Carrión, J.S., Fernández, S., González-Sampériz, P., López-Merino, L., Peña, L., Burjachs, F., López-Sáez, J. A., García-Antón, M., Carrión Marco, Y., Uzquiano, P., Postigo, J. M., Barrón, E., Allué, E., Badal, E., Dupré, M., Fierro, E., Munuera, M., Rubiales, J. M., García Amorena, I., Jiménez Moreno, G., Gil Romera, G., Leroy, S., García-Martínez, M. S., Montoya, E., Fletcher, W., Yll, E., Vieira, M., Rodríguez-Ariza, M. O., Anderson, S., Peñalba, C., Gil García, M. J., Pérez Sanz, A., Albert, R. M., Díez, M. J., Morales-Molino, C., Gómez Manzaneque, F., Parra, I., Ruiz Zapata, B., Riera, S., Zapata, L., Ejarque, A., Vegas, T., **Rull, V.**, Scott, L., Abel Schaad, D., Andrade, A., Manzano, S., Navarro, C., Pérez Díaz, S., Moreno, E., Hernández-Mateo, L., Sánchez Baena, J. J., Riquelme, J. A., Iglesias, R., Franco, F., Chaín, C., Figueiral, I., Grau, E., Matos, M., Jiménez Espejo, F., Valle-Hernández, M., Rivas-Carballo, R., Arribas, A., Garrido, G., Muñiz, F., Finlayson, G., Finlayson, C., Ruiz, M., Pérez Jordá, G., Miras, Y. 2012. *Paleoflora y Paleovegetación de la Península Ibérica e Islas Baleares: Plioceno-Cuaternario*. Ministerio de Economía y Competitividad, Madrid. ISBN 978-84-615-9026-1.
7. **Rull, V.** 1991. *Contribución a la paleoecología de Pantepui y la Gran Sabana: Clima, biogeografía y ecología*. CVG-EDELCA, Caracas. ISBN 980-07-0373-X.

Special issues

1. **Rull, V.** & Giralte, S. (eds.). 2018. Paleoeecology of Easter Island: natural and anthropogenic drivers of ecological change. *Frontiers in Ecology and Evolution*.
2. **Rull, V.**, Montoya, E., Giesecke, T. & Morris, J. L. (eds.). 2018. Palynology and vegetation history. *Frontiers in Earth Science*.

Book chapters

1. **Rull, V.**, Montoya, E., Nogué, S., Safont, E. & Vegas-Vilarrúbia, T. (in press). Climatic and ecological history of Pantepui and surrounding areas with some biogeographical and

- evolutionary considerations. In: Rull, V., Vegas-Vilarrúbia, T. Huber, O. & Señaris, C. (eds), *Biodiversity of Pantepui, the "Lost World" of the Neotropics*. Elsevier, Cambridge.
2. **Rull, V.** (in press). Neotropical diversification: historical overview and conceptual insights. In: Rull, V. & Carnaval, A. (eds.), *Neotropical Diversification*. Springer, Berlin.
 3. **Rull, V.**, Cañellas-Boltà, N., Sáez, A., Giralt, S., Pla-Rabes, S. & Margalef, O. 2016. Palaeoecology and human history of Easter Island (Southern Pacific Ocean): some problems and potential solutions. In: Reindel, M., Bartl, K., Lüth, F. & Benecke, N. (eds.), *Palaeoenvironment and the development of early settlements*. Verlag Marie Leidorf, Rahden, pp. 91-98.
 4. **Rull, V.** & Rull, E. 2015. Green revolution, future prospects. In: Albala, K. (ed.), *The Encyclopedia of Food Issues*. SAGE Publ., London, pp. 735-738.
 5. **Rull, V.** & Omedes, A. 2014. Presentation. In: Pardo-Tomás, J. (ed), *Salvadoriana: the cabinet of curiosities of Barcelona*. Museum of Natural Sciences of Barcelona-Botanic Institute of Barcelona, Barcelona, pp. 13-14.
 6. **Rull, V.** 2013. Prefácio. In: Bauermann, S. et al. (eds), *Pólen nas Angiospermas: Diversidade e evolução*. Universidade Luterana do Brasil, Canoas, pp. 11-12.
 7. **Rull, V.** & Montoya, E. 2012. El origen de la Gran Sabana: Pistas del pasado. In Sánchez-Villagra, M. (ed.), *Venezuela Paleontológica*. Universität Zurich, Zurich, pp. 335-345.
 8. **Rull, V.** 2011. Paleoeología de las Tierras Altas de Guayana: Implicaciones ecológicas y evolutivas. In Caballero, M. & Ortega, B. (eds.), *Escenarios de cambio ambiental: Registros del Cuaternario en América Latina*. Universidad Nacional Autónoma de México, México, pp. 139-156.
 9. **Rull, V.** 2010. The Guayana Highlands: a natural laboratory for the biogeographical and evolutionary study of the neotropical flora. In Sánchez-Villagra, M., Aguilera, O. & Carlini, A. (eds.), *Urumaco and Venezuelan palaeontology-The fossil record of the Northern Neotropics*. Indiana University Press, Indiana, pp. 84-102.
 10. **Rull, V.**, Abbott, M. B., Vegas-Vilarrúbia, T., Bezada, M., Montoya, E., Nogué, S & González, C. 2010. Paleoenvironmental trends in Venezuela during the last glacial cycle. In Sánchez-Villagra, M., Aguilera, O. & Carlini, A. (eds.), *Urumaco and Venezuelan palaeontology-The fossil record of the Northern Neotropics*. Indiana University Press, Indiana, pp. 55-83.
 11. **Rull, V.** 2009. Pantepui. In Gillespie, R. & Clague, D. (eds.), *Encyclopedia of Islands*. University of California Press, Berkeley, pp. 717-720.
 12. **Rull, V.** 2006. Paleoeología, biogeografía y evolución en el Mundo Perdido. In Carrión, J. S., Fernández, S. & Fuentes, N. (eds.), *Paleoambientes y cambio climático*. Fundación Séneca, Murcia. pp. 203-212.
 13. Vegas-Vilarrúbia, T., Maass, M., **Rull, V.**, Elias, V., Ovalle, A.R.C., López, D., Schneider, G., Depetris, P. & Douglas, I. 1994. Small catchment studies in the Tropical Zone. In Moldan, B. & Cerny, J. (eds.), *Biogeochemistry of small catchments: A tool for environmental research*. SCOPE Report 51, J. Wiley & Sons, Chichester. pp. 343-360.
 14. **Rull, V.**, Bolbochán, D., Hernández, A., Guariglia, M., Suárez, V., Salgado-Labouriau, M.L. & Ponce, D.P. 1989. Primer calendario polínico de la ciudad de Caracas. Avance de resultados. In: Bianco, N. & Machado, I. (eds.), *Inmunología Clínica*. Fondo Editorial CONICIT, Caracas, pp. 217-225.

Congress papers (articles)

1. Garcés-Pastor, S., Vegas-Vilarrúbia, T., Cañellas-Boltà, N., **Rull, V.**, Calero, M.A., Giralt, S., Valero-Garcés, B., Gutiérrez, E. & Camarero, J.J. 2016. Canvis limnològics i paisatgístics durant el darrer mil·lenni a l'Estany de Sant Maurici: Estudi multiproxy. *X Jornades sobre Recerca al Parc Nacional d'Aigüestortes i Estany de Sant Maurici, Espot, Oct 2015* (ISBN 9788439394518), pp. 33-42.
2. Calero, M.A., Valero-Garcés, B., **Rull, V.**, Vegas-Vilarrúbia, T. & Garcés, S. 2016. Paleoclimatologia de l'Holocè tardà a l'Estany de Sant Maurici. *X Jornades sobre Recerca al Parc Nacional d'Aigüestortes i Estany de Sant Maurici, Espot, Oct 2015* (ISBN 9788439394518), pp. 55-59.
3. Cañellas-Boltà, N., **Rull, V.**, Vigo, J. & Mercadé, A. 2010. Sedimentació actual de pol·len a la Vall d'Aiguamòg i el Circ de Colomers, i la seva relació amb la flora i la vegetació. *Actes VIII Jornades sobre Recerca al Parc Nacional d'Aigüestortes i Estany de Sant Maurici, Espot, 2009*, pp. 101-112.

4. **Rull, V.** & Vegas-Vilarrúbia, T. 2001. Paleoecology and paleolimnology of the last Pleniglacial in the Venezuelan Andes. In Goodman, D. K. & Clarke, R. T. (eds.), *Proceedings of the IX International Palynological Congress, Houston, Texas, 1996*. American Association of Stratigraphic Palynologists Foundation. p. 385-401.
5. González, E., Lorente, M. A., Acosta, J. & **Rull, V.** 2001. Aplicación de análisis de series de tiempo para la determinación de la ciclicidad en el límite Cretácico-Terciario (oeste de Venezuela). *Memorias XI Congreso Latinoamericano de Geología, Montevideo, 2001*, 1: 1-13 (CD-ROM).
6. **Rull, V.** 2001. Origen y evolución de los manglares del Caribe: Evidencias palinológicas. *Actas del XIII Simposio de la Asociación de Palinólogos de Lengua Española (APLE) 2000, Cartagena*: 333-349.
7. **Rull, V.** 2001. Palynological record of a >60-58 ka B. P. (middle Würm/Wisconsin) warming in the northern Andes. *Actas del XIII Simposio de la Asociación de Palinólogos de Lengua Española (APLE) 2000, Cartagena*: 351-364.
8. Gamero, H., Herrera, S., González, G., **Rull, V.**, Galarraga, M., Pestman, P., Arminio, J.F. & Taha, M. 1997. Marco estratigráfico del Eoceno B inferior, Formación Misoa, Bloque III, Cuenca de Maracaibo: Implicaciones en la caracterización del yacimiento VLC100/949. *Proceedings I Latin American Congress Sedimentology*, 1: 275-281.
9. **Rull, V.** & Poumot, C. 1997. Eocene to Miocene palynocycles from Western Venezuela, and correlations with global eustatic cycles. *Memorias VIII Congreso Geológico Venezolano*, 2: 343-349.
10. **Rull, V.** & Lorente, MA 1997. Area central del Lago de Maracaibo: la bioestratigrafía como herramienta para la interpretación paleoestructural del Eoceno. *Memorias VIII Congreso Geológico Venezolano*, 2: 351-353.
11. Durán, I., Ruiz, M., **Rull, V.** & Lorente, M.A. 1997. Rangos de extensión de especies-índice marinas y terrestres en el margen suroccidental del Tethys: La transición Cretácico/Paleoceno, C/P. *Memorias VIII Congreso Geológico Venezolano*, 2: 339-342.
12. Mompert, L. & **Rull, V.** 1991. Comparación de métodos geoquímicos y análisis digital de imágenes para la evaluación del potencial de roca madre en la Cuenca de Maracaibo. *Memorias IV Simposio Bolivariano sobre Exploración Petrolera en las Cuencas Subandinas*, 2: 314-329.

Publication summary

	Total	First author
Nº publications	243	177 (73%)
Papers with IFI	140	96 (69%)
First quartile (Q1)	96	63 (66%)
First decile (D1)	50	37 (74%)
High-impact (IFI >9)	10	9
Cumulative IFI score	558.786	431.199
Average IFI per paper	3.991	4.492