

FULL PUBLICATION LIST (1984-2019) – Valentí Rull

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SCI papers

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

1. 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. (IFI2017 1.665 – Q2)
2. 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)
3. 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. (IFI2017 2.563 – Q1).
4. 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).
5. 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).
6. **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).
7. **Rull, V.** 2017. The 'Anthropocene': neglects, misconceptions and possible futures. *EMBO Reports*, 18: 1056-1060. (IFI2017 8.749- Q1, D1).
8. 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).
9. **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).
10. **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).
11. **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).
12. **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).
13. 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).
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 17. **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).
 18. **Rull, V.** 2016. The Humanized Earth System (HES). *The Holocene*, 26: 1513-1515. (IFI2016 2.324 – Q2).
 19. 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).
 20. 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).
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 25. 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).
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 27. **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).
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33. 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).
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Summary (n = 141)

- Q1 = 96 (D1 = 50, HI = 10)
- Q2 = 29
- Q3 = 7
- Q4 = 9

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Publication summary

	Total	First author
Nº publications	257	188 (73%)
Papers with IFI	141	96 (68%)
First quartile (Q1)	96	63 (66%)
First decile (D1)	50	37 (74%)
High-impact (IFI >9)	10	9 (90%)
Cumulative IFI score	560.451	432.864
Average IFI per paper	3.975	4.509
h-index (WOS)	28	23
h-index (Google Scholar)	40	32