

117 Peer-reviewed publications Student and post-doctoral coauthors in *italics*.

1. Gu, S. Z. Liu, D. W. Oppo, J. Lynch-Stieglitz, A. Jahn, J. Zhang, L. Wu (2020) Assessing the potential capability of reconstructing glacial Atlantic water masses and AMOC using multiple proxies in CESM, *Earth and Planetary Science Letters* 541, 116294 <https://doi.org/10.1016/j.epsl.2020.116294>
2. Spooner, P. T., D. J. R. Thornalley, D. W. Oppo, A. Fox, S. Radionovskaya, K. Green, N. L. Rose, T. Monica, L. Thrower, R. Mallett, E. Cooper, J. M. Roberts (2020) Exceptional 20th century ocean circulation in the Northeast Atlantic, *Geophys. Res. Letts.* e2020GL087577 <https://doi.org/10.1029/2020GL087577>
3. Hollstein, M., Mohtadi, M., Kienast, M., Rosenthal, Y., Groeneveld, J., Oppo, D., Southon, J. and Lückge, A. (2020), The impact of astronomical forcing on surface and thermocline variability within the Western Pacific Warm Pool over the past 160 kyr. *Paleoceanography and Paleoclimatology*, doi:[10.1029/2019PA003832](https://doi.org/10.1029/2019PA003832)
4. Pöppelmeier, F. M. Gutjahr, P. Blaser, D.W. Oppo, S.L. Jaccard, M. Regelous, K.-F. Huang, F. Sufke, J. Lippold (2020). Water mass gradients of the mid-depth Southwest Atlantic during the past 25,000 years, *Earth and Planetary Science Letters*, Volume 531, <https://doi.org/10.1016/j.epsl.2019.115963>.
5. Zhao, N., Oppo, D. W., Huang, K. F., Howe, J., Blusztajn, J., & Keigwin, L. D. (2019). Glacial-interglacial Nd isotope variability of North Atlantic Deep Water modulated by North American ice sheet. *Nature communications*, 10(1), 5773. <https://doi.org/10.1038/s41467-019-13707-z>
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8. *Umling, N. E.*, Oppo, D. W., Chen, P., Yu, J., Liu, Z., Yan, M. , Gebbie, G. , Lund, D. C., Pietro, K. R., Jin, Z. D., Huang, K. , Costa, K. B. Toledo, F. A. (2019),

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<https://doi.org/10.1016/j.quascirev.2018.10.030>
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