

2013-2017 CEED publications (SCOPUS) with 10 citations or more

1. Boschman, L. M., D. J. J. van Hinsbergen, T. H. Torsvik, W. Spakman, and J. L. Pindell (2014), Kinematic reconstruction of the caribbean region since the early jurassic, *Earth-Science Reviews*, 138, 102-136. 19
2. Buiter, S. J. H., and T. H. Torsvik (2014), A review of Wilson Cycle plate margins: A role for mantle plumes in continental break-up along sutures?, *Gondwana Research*, 26(2), 627-653. 24
3. Bull, A. L., M. Domeier, and T. H. Torsvik (2014), The effect of plate motion history on the longevity of deep mantle heterogeneities, *Earth and Planetary Science Letters*, 401, 172-182. 11
4. Bybee, G. M., L. D. Ashwal, S. B. Shirey, M. Horan, T. Mock, and T. B. Andersen (2014a), Pyroxene megacrysts in Proterozoic anorthosites: Implications for tectonic setting, magma source and magmatic processes at the Moho, *Earth and Planetary Science Letters*, 389, 74-85. 17
5. Conrad, C. P., B. Steinberger, and T. H. Torsvik (2013b), Stability of active mantle upwelling revealed by net characteristics of plate tectonics, *Nature*, 498(7455), 479-482. 12
6. Corfu, F., T. B. Andersen, and D. Gasser (2014a), The Scandinavian Caledonides: Main features, conceptual advances and critical questions, in *Geological Society Special Publication*, edited, pp. 9-43. 16
7. Domeier, M., and T. H. Torsvik (2014), Plate tectonics in the late Paleozoic, *Geoscience Frontiers*, 5(3), 303-350. 64
8. Gaina, C., T. H. Torsvik, D. J. J. van Hinsbergen, S. Medvedev, S. C. Werner, and C. Labails (2013), The African plate: A history of oceanic crust accretion and subduction since the Jurassic, *Tectonophysics*, 604, 4-25. 38
9. Hillebrandt, A. V., et al. (2013), The global stratotype sections and point (GSSP) for the base of the jurassic system at kuhjoch (Karwendel Mountains, Northern Calcareous Alps, Tyrol, Austria), *Episodes*, 36(3), 162-198. 14
10. Jones, M. T., S. R. Gislason, K. W. Burton, C. R. Pearce, V. Mavromatis, P. A. E. Pogge von Strandmann, and E. H. Oelkers (2014), Quantifying the impact of riverine particulate dissolution in seawater on ocean chemistry, *Earth and Planetary Science Letters*, 395, 91-100. 19
11. Knies, J., et al. (including Gaina)(2014), Effect of early Pliocene uplift on late Pliocene cooling in the Arctic-Atlantic gateway, *Earth and Planetary Science Letters*, 387, 132-144. 21
12. Müller, R. D., A. Dutkiewicz, M. Seton, and C. Gaina (2013), Seawater chemistry driven by supercontinent assembly, breakup, and dispersal, *Geology*, 41(8), 907-910. 16
13. Müller, R. D., Seton, M., Zahirovic, S., Williams, S.E., Matthews, K.J., Wright, N.M., Shephard, G.E., Maloney, K.T., Barnett-Moore, N., Hosseinpour, M., Bower, D.J.Cannon, J. (2016), Ocean Basin Evolution and Global-Scale Plate Reorganization Events since Pangea Breakup, in *Annual Review of Earth and Planetary Sciences*, edited, pp. 107-138. 15
14. Rauer, H., et al. (including Werner)(2014), The PLATO 2.0 mission, *Experimental Astronomy*, 38(1-2), 249-330. 158
15. Schmalholz, S. M., S. Medvedev, S. M. Lechmann, and Y. Podladchikov (2014), Relationship between tectonic overpressure, deviatoric stress, driving force, isostasy and gravitational potential energy, *Geophysical Journal International*, 197(2), 680-696. 18

16. Senger, K., J. Tveranger, K. Ogata, A. Braathen, and S. Planke (2014a), Late Mesozoic magmatism in Svalbard: A review, *Earth-Science Reviews*, 139, 123-144. 16
17. Senger, K., S. Planke, S. Polteau, K. Ogata, H. Svensen, (2014b), Sill emplacement and contact metamorphism in a siliciclastic reservoir on Svalbard, Arctic Norway, *Norsk Geologisk Tidsskrift*, 94(2-3), 155-169. 10
18. Senger, K., et al. (including Planke)(2013), Geometries of doleritic intrusions in central Spitsbergen, Svalbard: An integrated study of an onshore-offshore magmatic province with implications for CO₂ sequestration, *Norsk Geologisk Tidsskrift*, 93(3-4), 143-166. 10
19. Seton, M., et al. (including Gaina)(2014), Community infrastructure and repository for marine magnetic identifications, *Geochemistry, Geophysics, Geosystems*, 15(4), 1629-1641. 14
20. Shephard, G. E., N. Flament, S. Williams, M. Seton, M. Gurnis, and R. D. Müller (2014), Circum-Arctic mantle structure and long-wavelength topography since the Jurassic, *Journal of Geophysical Research: Solid Earth*, 119(10), 7889-7908. 11
21. Steinberger, B., W. Spakman, P. Japsen, and T. H. Torsvik (2015b), The key role of global solid-Earth processes in preconditioning Greenland's glaciation since the Pliocene, *Terra Nova*, 27(1), 1-8. 11
22. Torsvik, T. H., and L. R. M. Cocks (2013a), New global palaeogeographical reconstructions for the Early Palaeozoic and their generation, in *Geological Society Memoir*, edited, pp. 5-24. 33
23. Torsvik, T. H., and L. R. M. Cocks (2013b), Gondwana from top to base in space and time, *Gondwana Research*, 24(3-4), 999-1030. 92
24. Torsvik, T. H., R. Van Der Voo, P. V. Doubrovine, K. Burke, B. Steinberger, L. D. Ashwal, R. G. Trønnes, S. J. Webb, and A. L. Bull (2014), Deep mantle structure as a reference frame for movements in and on the Earth, *Proceedings of the National Academy of Sciences of the United States of America*, 111(24), 8735-8740. 34
25. Torsvik, T. H., H. Amundsen, E. H. Hartz, F. Corfu, N. Kusznir, C. Gaina, P. V. Doubrovine, B. Steinberger, L. D. Ashwal, and B. Jamtveit (2013), A Precambrian microcontinent in the Indian Ocean, *Nature Geoscience*, 6(3), 223-227. 45
26. Van Der Meer, D. G., R. E. Zeebe, D. J. J. Van Hinsbergen, A. Sluijs, W. Spakman, and T. H. Torsvik (2014), Plate tectonic controls on atmospheric CO₂ levels since the Triassic, *Proceedings of the National Academy of Sciences of the United States of America*, 111(12), 4380-4385. 24
27. Van Hinsbergen, D. J. J., R. L. M. Vissers, and W. Spakman (2014), Origin and consequences of western Mediterranean subduction, rollback, and slab segmentation, *Tectonics*, 33(4), 393-419. 49
28. Werner, S. C., A. Ody, and F. Poulet (2014), The source crater of martian shergottite meteorites, *Science*, 343(6177), 1343-1346. 21
29. Xu, G., J. L. Hannah, H. J. Stein, A. Mørk, J. O. Vigran, B. Bingen, D. L. Schutt, and B. A. Lundschieen (2014), Cause of Upper Triassic climate crisis revealed by Re-Os geochemistry of Boreal black shales, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 395, 222-232. 13