

2017 CEED Publications in high-impact journals

(name-CEED author, name*- CEED Early Career Researcher)

- Ashwal, L. D., Wiedenbeck, M., and Torsvik, T. H., 2017, Archaean zircons in Miocene oceanic hotspot rocks establish ancient continental crust beneath Mauritius, **Nature Communications**, v. 8.
- Crameri, F. *, 2017, Planetary Tectonics Sinking Plates on Venus, **Nature Geoscience**, v. 10, no. 5, p. 330-331.
- Dangendorf, S., Marcos, M., Wöppelmann, G., Conrad, C. P., Frederikse, T., and Riva, R., 2017, Reassessment of 20th century global mean sea level rise, **Proceedings of the National Academy of Sciences of the United States of America**, v. 114, no. 23, p. 5946-5951.
- Domeier, M. *, Shephard, G. E. *, Jakob, J.J. *, Gaina, C., Doubrovine, P. V., and Torsvik, T. H., 2017, Intraoceanic subduction spanned the Pacific in the Late Cretaceous–Paleocene, **Science Advances**, 3: eaao2303.
- Dzene, L., Ferrage, E., Viennet, J. C. *, Tertre, E., and Hubert, F., 2017, Crystal structure control of aluminized clay minerals on the mobility of caesium in contaminated soil environments, **Scientific Reports**, v. 7.
- Jones, M. T. *, Augland, L. E. *, Shephard, G. E. *, Burgess, S. D., Eliassen, G. T. *, Jochmann, M. M., Friis, B., Jerram, D. A., Planke, S., and Svensen, H. H., 2017, Constraining shifts in North Atlantic plate motions during the Palaeocene by U-Pb dating of Svalbard tephra layers, **Scientific Reports**, v. 7, no. 1.
- Magni, V. *, 2017, Crustal recycling evolution, **Nature Geoscience**, v. 10, no. 9, p. 623-624.
- Naliboff, J. B., Buitter, S. J. H., Péron-Pinvidic, G., Osmundsen, P. T., and Tetreault, J., 2017, Complex fault interaction controls continental rifting, **Nature Communications**, v. 8, no. 1.
- Rabanus-Wallace, M. T., Wooller, M. J., Zazula, G. D., Shute, E., Jahren, A. H., Kosintsev, P., Burns, J. A., Breen, J., Llamas, B., and Cooper, A., 2017, Megafaunal isotopes reveal role of increased moisture on rangeland during late Pleistocene extinctions, **Nature Ecology and Evolution**, v. 1, no. 5.
- Shephard, G. E. *, Matthews, K. J., Hosseini, K., and Domeier, M. *, 2017, On the consistency of seismically imaged lower mantle slabs, **Scientific Reports**, v. 7, no. 1.
- Smirnov, A. V., Kulakov, E. V. *, Foucher, M. S., and Bristol, K. E., 2017, Intrinsic paleointensity bias and the long-term history of the geodynamo, **Science Advances**, v. 3, no. 2.
- Torsvik, T. H., and Domeier, M. *, 2017, Correspondence: Numerical modelling of the PERM anomaly and the Emeishan large igneous province, **Nature Communications**, v. 8, no. 1.
- Torsvik, T. H., Doubrovine, P. V., Steinberger, B., Gaina, C., Spakman, W., and Domeier, M. *, 2017, Pacific plate motion change caused the Hawaiian-Emperor Bend, **Nature Communications**, v. 8.