

List of publication cited in the Supplementary material

Chen, J., Algeo, T.J., Zhao, L., Chen, Z.-Q., Cao, L., Zhang, L. and Li, Y. 2015. Diagenetic uptake of rare earth elements by bioapatite, with an example from Lower Triassic conodonts of South China. *Earth-Science Reviews*, **149**, 181-202, <https://doi.org/10.1016/j.earscirev.2015.01.013>

Cook, H.E., Zhemchuzhnikov, V.G., Zempolich, W.G., Zhaimina, V.Y., Buvtyshkin, V.M., Kotova, E.A., Golub, L.Y., Zorin, A.Y., Lehmann, P.J., Alexeiev, D.V., Giovannelli, A., Viaggi, M., Fretwell, N., LaPointe, P.A. and Corboy, J.J. 2002. Devonian and Carboniferous carbonate platform facies in the Bolshoi Karatau, southern Kazakhstan; outcrop analogs for coeval carbonate oil and gas fields in the North Caspian Basin, western Kazakhstan. *Special Publication - Society for Sedimentary Geology*, **74**, 81-122, <https://doi.org/10.2110/pec.02.74.0081>

Pourmand, A., Dauphas, N. and Ireland, T.J. 2012. A novel extraction chromatography and MC-ICP-MS technique for rapid analysis of REE, Sc and Y: Revising CI-chondrite and Post-Archean Australian Shale (PAAS) abundances. *Chemical Geology*, **291**, 38-54, <https://doi.org/10.1016/j.chemgeo.2011.08.011>

Tostevin, R., Shields, G.A., Tarbuck, G.M., He, T., Clarkson, M.O. and Wood, R.A. 2016. Effective use of cerium anomalies as a redox proxy in carbonate-dominated marine settings. *Chemical Geology*, **438**, 146-162, <https://doi.org/10.1016/j.chemgeo.2016.06.027>