

Publications – Addi Bischoff

(complete list)

- Bischoff A., Alexander C. M. O'D., Barrat J.-A., Burkhardt C., Busemann H., Degering D., Di Rocco T., Fischer M., Fockenberg T., Foustoukos D. I., Gattacceca J., Godinho J. R. A., Harries D., Heinlein D., Hellmann J. L., Hertkorn N., Holm A., Jull A. J. T., Kerraouch I., King A. J., Kleine T., Koll D., Lachner J., Ludwig T., Merchel S., Mertens C. A. K., Morino P., Neumann W., Pack A., Patzek M., Pavetich S., Reitze M. P., Rüfenacht M., Rugel G., Schmidt C., Schmitt-Kopplin P., Schönbachler M., Trieloff M., Wallner A., Wimmer K., and Wölfer E.: The old, unique C1 chondrite Flensburg – Insight into the first processes of aqueous alteration, brecciation, and the diversity of water-bearing parent bodies and lithologies. *Geochim. Cosmochim. Acta.* 293, 142–186 (2021) doi.org/10.1016/j.gca.2020.10.014
- Kerraouch I., Bischoff A., Zolensky M. E., Pack A., Patzek M., Hanna R. D., Fries M. D., Harries D., Kebukawa Y., Le L., Ito M., and Rahman Z.: The polymict carbonaceous breccia Aguas Zarcas: A potential analogue to samples being returned by the OSIRIS-REx and Hayabusa2 missions. *Meteoritics & Planetary Science* 56, 277–310 (2021). DOI: 10.1111/maps.13620.
- Kerraouch I., Bischoff A., Zolensky M. E., Pack A., Hanna R. D., Kebukawa Y., and Schmitt-Kopplin P.: The Aguas Zarcas breccia - similarities to surface features of asteroids Ryugu and Bennu. *Goldschmidt-abstract* (2021).
- Lentfort S., Bischoff A., Ebert S., and Patzek M.: Classification of CM chondrite breccias – implications for the evaluation of samples from the OSIRIS-REx and Hayabusa 2 missions. *Meteoritics & Planetary Science* 56, 127-147 (2021). DOI: 10.1111/MAPS.13486
- Shollenberger Q. R., Render J., Jordan M. K., McCain K. A., Ebert S., Bischoff A., Kleine T., and Young E. D.: Titanium isotope systematics of refractory inclusions: Echoes of molecular cloud heterogeneity. *Geochim. Cosmochim. Acta* (submitted 2021)
- Shollenberger Q. R., Render J., Jordan M. K., McCain K. A., Ebert S., Kohl I. E., Bischoff A., Kleine T., and Young E. D.: Titanium isotope systematics of refractory inclusions: Echoes of molecular cloud heterogeneity (#2316). 52nd Lunar and Planetary Science Conference, Woodlands, Texas (2021).
- Storz J., Ludwig T., Bischoff A., Schwarz W. H., and Trieloff M.: Graphite in ureilites, enstatite chondrites, and unique clasts in ordinary chondrites – Insights from the carbon-isotope composition. *Geochim. Cosmochim. Acta* 293 (accepted).
- Storz J., Ludwig T., Bischoff A., Schwarz W. H., and Trieloff M.: Carbon isotope analyses of graphite in enstatite chondrites and ureilites (#1995). 52nd Lunar and Planetary Science Conference, Woodlands, Texas (2021).
- Zhu K., Moynier F., Schiller M., Alexander C. M. O'D., Barrat J.-A., Bischoff A., and Bizzarro M.: Mass-independent and mass-dependent Cr isotopic composition of the Rumuruti (R) chondrites: Implications for their origin and planet formation. *Geochim. Cosmochim. Acta* 293, 598-609 (2021), <https://doi.org/10.1016/j.gca.2020.10.007>

Zhu K., Moynier F., Schiller M., Alexander C. M. O'D., Davidson J., Schrader D. L., Barrat J.-A., Bischoff A., van Kooten E., and M. Bizzarro M.: Mass-independent chromium isotopic panorama in chondrites: Implications for origin of chondrite parent bodies and early terrestrial depletion (#2131). 52nd Lunar and Planetary Science Conference, Woodlands, Texas (2021).

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