

## Refereed articles in 2021

- [1] G. Alemanno, E. Garcia-Caurel, J. Carter, F. Poulet, R. Brunetto, A. Aléon-Toppani, R. G. Urso, O. Mivumbi, C. Boukari, V. Godard, and F. Borondics. Determination of optical constants from Martian analog materials using a spectro-polarimetric technique. *Planetary Space Science*, 195:105138, January 2021.
- [2] Alice Aléon-Toppani, Rosario Brunetto, Jérôme Aléon, Zelia Dionnet, Stefano Rubino, Dan Levy, David Troadec, François Brisset, Ferenc Borondics, Andrew King, and Michael Zolensky. A preparation sequence for multi-analysis of  $\mu\text{m}$ -sized extraterrestrial and geological samples. *Meteoritics & Planetary Science*, 56(6):1151–1172, June 2021.
- [3] Kateřina Chrbolková, Rosario Brunetto, Josef Ďurech, Tomáš Kohout, Kenichiro Mizohata, Petr Malý, Václav Dědič, Cateline Lantz, Antti Penttilä, František Trojánek, and Alessandro Maturilli. Comparison of space weathering spectral changes induced by solar wind and micrometeoroid impacts using ion- and femtosecond-laser-irradiated olivine and pyroxene. *Astrophys. Astron.*, 654:A143, October 2021.
- [4] Mathilde Faure, Eric Quirico, Alexandre Faure, Philippe Boduch, Hermann Rothard, Emmanuel Balanzat, Donia Baklouti, Rosario Brunetto, Lydie Bonal, Pierre Beck, and Bernard Schmitt. A radiolytic origin of organic matter in primitive chondrites and trans-neptunian objects? New clues from ion irradiation experiments. *Icarus*, 364:114462, August 2021.
- [5] R. H. Hewins, P. M. Zanetta, B. Zanda, C. Le Guillou, J. Gattaccea, C. Sognzoni, S. Pont, L. Piani, T. Rigaudier, H. Leroux, R. Brunetto, R. Maupin, Z. Djouadi, S. Bernard, D. Deldicque, V. Malarewicz, Z. Dionnet, A. Aléon-Toppani, A. King, and F. Borondics. NORTHWEST AFRICA (NWA) 12563 and ungrouped C2 chondrites: Alteration styles and relationships to asteroids. *Geochimica Cosmochimica Acta*, 311:238–273, October 2021.