

## Refereed articles in 2022

- [1] Jean-Pierre Bibring, Cédric Pilorget, Lucie Riu, Vincent Hamm, Rosario Brunetto, Tra-Mi Ho, Ralph Jaumann, Yves Langevin, Aurélie Moussi, François Poulet, Mathieu Vincendon, and MicrOmega/MASCOT Team. MicrOmega/MASCOT first results. *Planetary Space Science*, 210:105393, January 2022.
- [2] E. Bruschini, C. Carli, A. C. Buellet, M. Vincendon, F. Capaccioni, M. Ferrari, F. Vetere, A. Secchiari, D. Perugini, and A. Montanini. VNIR reflectance spectra of silicate-graphite mixtures: The effect of graphite content and particle size. *Icarus*, 378:114950, May 2022.
- [3] Zélia Dionnet, Alice Aléon-Toppani, Rosario Brunetto, Stefano Rubino, Martin D. Suttle, Cateline Lantz, Chrysa Avdellidou, Donia Baklouti, Ferenc Borondics, Zahia Djouadi, Francesco Grieco, Eva Héripré, Tomoki Nakamura, Alessandra Rotundi, and Mario Scheel. Multiscale correlated analysis of the Aguas Zarcas CM chondrite. *Meteoritics & Planetary Science*, 57(5):965–988, May 2022.
- [4] T. Encrenaz, A. Coustenis, G. Gilli, E. Marcq, K. Molaverdikhani, L. V. Mugnai, M. Ollivier, and G. Tinetti. Observability of temperate exoplanets with Ariel. *Experimental Astronomy*, 53(2):375–390, April 2022.
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- [6] Thierry Fouchet, Jean-Michel Reess, Franck Montmessin, Rafik Hassen-Khodja, Napoléon Nguyen-Tuong, Olivier Humeau, Sophie Jacquinod, Laurent Lapauw, Jérôme Parisot, Marion Bonafous, Pernelle Bernardi,

Frédéric Chapron, Alexandre Jeanneau, Claude Collin, Didier Zeganadin, Patricia Nibert, Sadok Abbaki, Christophe Montaron, Cyrille Blanchard, Vartan Arslanyan, Ourdya Achelhi, Claudine Colon, Clément Royer, Vincent Hamm, Mehdi Beuzit, François Poulet, Cédric Pilorget, Lucia Mandon, Olivier Forni, Agnès Cousin, Olivier Gasnault, Paolo Pilleri, Bruno Dubois, Cathy Quantin, Pierre Beck, Olivier Beyssac, Stéphane Le Mouélic, Jeffrey R. Johnsson, Timothy H. McConnochie, Sylvestre Maurice, and Roger C. Wiens. The SuperCam infrared spectrometer for the perseverance rover of the Mars2020 mission. *Icarus*, 373:114773, February 2022.

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