

## Refereed articles in 2023

- [1] O. Beyssac, O. Forni, A. Cousin, A. Udry, L. C. Kah, L. Mandon, O. E. Clavé, Y. Liu, F. Poulet, C. Quantin Nataf, O. Gasnault, J. R. Johnson, K. Benzerara, P. Beck, E. Dehouck, N. Mangold, C. Alvarez Llamas, R. B. Anderson, G. Arana, R. Barnes, S. Bernard, T. Bosak, A. J. Brown, K. Castro, B. Chide, S. M. Clegg, E. Cloutis, T. Fouchet, T. Gabriel, S. Gupta, G. Lacombe, J. Lasue, S. Le Mouelic, G. Lopez-Reyes, J. M. Madariaga, F. M. McCubbin, S. M. McLennan, J. A. Manrique, P. Y. Meslin, F. Montmessin, J. Núñez, A. M. Ollila, A. Ostwald, P. Pilleri, P. Pinet, C. Royer, S. K. Sharma, S. Schröder, J. I. Simon, M. J. Toplis, M. Veneranda, P. A. Willis, S. Maurice, and R. C. Wiens. Petrological Traverse of the Olivine Cumulate Séitah Formation at Jezero Crater, Mars: A Perspective From SuperCam Onboard Perseverance. *Journal of Geophysical Research (Planets)*, 128(7):e2022JE007638, July 2023.
- [2] Nicolas Bott, Rosario Brunetto, Alain Doressoundiram, Cristian Carli, Fabrizio Capaccioni, Yves Langevin, Davide Perna, François Poulet, Giovanna Serventi, Maria Sgavetti, Francesco Vetere, Diego Perugini, Cristina Pauselli, Ferenc Borondics, and Christophe Sandt. Effects of Temperature on Visible and Infrared Spectra of Mercury Minerals Analogues. *Minerals*, 13(2):250, February 2023.
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- [4] John Carter, Lucie Riu, François Poulet, Jean-Pierre Bibring, Yves Langevin, and Brigitte Gondet. A Mars orbital catalog of aqueous alteration signatures (MOCAAS). *Icarus*, 389:115164, January 2023.
- [5] B. E. Clark, A. Sen, X. D. Zou, D. N. DellaGiustina, S. Sugita, N. Sakatani, M. Thompson, D. Trang, E. Tatsumi, M. A. Barucci, M. Barker, H. Campins, T. Morota, C. Lantz, A. R. Hendrix, F. Vilas, L. Keller, V. E. Hamilton, K. Kitazato, S. Sasaki, M. Matsuoka, T. Nakamura, A. Praet, S. M. Ferrone, T. Hiroi, H. H. Kaplan, W. F. Bottke, J. Y. Li, L. Le Corre, J. L. Molaro, R. L. Ballouz, C. W. Hergenrother, B. Rizk, K. N. Burke, C. A. Bennett, D. R. Golish, E. S. Howell, K. Becker, A. J. Ryan, J. P. Emery, S. Fornasier, A. A. Simon, D. C. Reuter, L. F. Lim, G. Poggiali, P. Michel, M. Delbo, O. S. Barnouin, E. R. Jawin, M. Pajola, L. Riu, T. Okada, J. D. P. Deshapriya, J. R. Brucato, R. P. Binzel, and D. S. Lauretta. Overview of the search for signs of space weathering on the low-albedo asteroid (101955) Bennu. *Icarus*, 400:115563, August 2023.

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- [9] L. Lange, F. Forget, M. Vincendon, A. Spiga, E. Vos, O. Aharonson, E. Millour, A. Bierjon, and R. Vandemeulebrouck. A Reappraisal of Subtropical Subsurface Water Ice Stability on Mars. *Geophysics Research Letters*, 50(21):e2023GL105177, November 2023.
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Moussi-Soffys, Akira Miura, Hirotomo Noda, Tetsuya Yamada, Keisuke Yoshihara, Kosuke Kawahara, Hitoshi Ikeda, Yukio Yamamoto, Kei Shirai, Shota Kikuchi, Naoko Ogawa, Hiroshi Takeuchi, Go Ono, Yuya Mimasu, Kent Yoshikawa, Yuto Takei, Atsushi Fujii, Yu-ichi Iijima, Satoru Nakazawa, Satoshi Hosoda, Takahiro Iwata, Masahiko Hayakawa, Hiro-taka Sawada, Hajime Yano, Ryudo Tsukizaki, Masanobu Ozaki, Fuyuto Terui, Satoshi Tanaka, Masaki Fujimoto, Makoto Yoshikawa, Takanao Saiki, Shogo Tachibana, Sei-ichiro Watanabe, and Yuichi Tsuda. Macromolecular organic matter in samples of the asteroid (162173) Ryugu. *Science*, 379(6634):abn9057, January 2023.