

Refereed articles in 2020

- [1] R. Brunetto, C. Lantz, T. Nakamura, D. Baklouti, T. Le Pivert-Jolivet, S. Kobayashi, and F. Borondics. Characterizing irradiated surfaces using IR spectroscopy. *Icarus*, 345:113722, July 2020.
- [2] G. Cremonese, F. Capaccioni, M. T. Capria, A. Doressoundiram, P. Palumbo, M. Vincendon, M. Massironi, S. Debei, M. Zusi, F. Altieri, M. Amoroso, G. Aroldi, M. Baroni, A. Barucci, G. Bellucci, J. Benkhoff, S. Besse, C. Bettanini, M. Blecka, D. Borrelli, J. R. Brucato, C. Carli, V. Carlier, P. Cerroni, A. Cicchetti, L. Colangeli, M. Dami, V. Da Deppo, V. Della Corte, M. C. De Sanctis, S. Erard, F. Esposito, D. Fantinel, L. Ferranti, F. Ferri, I. Ficai, Veltroni, G. Filacchione, E. Flamini, G. Forlani, S. Fornasier, O. Forni, M. Fulchignoni, V. Galluzzi, K. Gwinner, W. Ip, L. Jorda, Y. Langevin, L. Lara, F. Leblanc, C. Leyrat, Y. Li, S. Marchi, L. Marinangeli, F. Marzari, E. Mazzotta, Epifani, M. Mendillo, V. Menzella, R. Mugnuolo, K. Muinonen, G. Naletto, R. Noschese, E. Palomba, R. Paolinetti, D. Perna, G. Piccioni, R. Politi, F. Poulet, R. Ragazzoni, C. Re, M. Rossi, A. Rotundi, G. Salemi, M. Sgavetti, E. Simioni, N. Thomas, L. Tommasi, A. Turella, T. Van Hoolst, L. Wilson, F. Zambon, A. Aboudan, O. Barraud, N. Bott, P. Borin, G. Colombatti, M. ElÂ Yazidi, S. Ferrari, J. Flahaut, L. Giacomini, L. Guzzetta, A. Lucchetti, E. Martellato, M. Pajola, A. Slemer, G. Tognon, and D. Turrini. SIMBIO-SYS: Scientific Cameras and Spectrometer for the BepiColombo Mission. *Space Sci. Rev.*, 216(5):75, June 2020.
- [3] Pierre Guiot, Mathieu Vincendon, John Carter, Yves Langevin, and Alain Carapelle. Characterization of transient signal induced in IR detector array by Jupiter high-energy electrons and implications for JUICE/MAJIS operability. *Planetary Space Science*, 181:104782, February 2020.
- [4] Klaus Hornung, Eva Maria Mellado, John Paquette, Nicolas Fray, Henning Fischer, Oliver Stenzel, Donia Baklouti, Sihane Merouane, Yves Langevin, Anais Bardyn, Cecile Engrand, Hervé Cottin, Laurent Thirkell, Christelle Briois, Paola Modica, Jouni Rynö, Johan Silen, Rita Schulz, Sandra Siljeström, Harry Lehto, Kurt Varmuza, Andreas Koch, Jochen Kissel, and Martin Hilchenbach. Electrical properties of cometary dust particles derived from line shapes of TOF-SIMS spectra measured by the ROSETTA/COSIMA instrument. *Planetary Space Science*, 182:104758, March 2020.
- [5] Hannah H. Kaplan, Victoria E. Hamilton, Ellen S. Howell, F. Scott Anderson, M. Antonella Barucci, John Brucato, Thomas H. Burbine, Beth E. Clark, Ed A. Cloutis, Harold C. Connolly, Elisabetta Dotto, Joshua P. Emery, Sonia Fornasier, Cateline Lantz, Lucy F. Lim, Frederic Merlin, Alice Praet, Dennis C. Reuter, Scott A. Sandford, Amy A. Simon, Driss Takir, and Dante S. Lauretta. Visible-near infrared spectral indices for mapping mineralogy and chemistry with OSIRIS-REx. *Meteoritics and Planetary Science*, 55(4):744–765, April 2020.
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- [7] C. Lantz, F. Poulet, D. Loizeau, L. Riu, C. Pilorget, J. Carter, H. Dypvik, F. Rull, and S. C. Werner. Planetary Terrestrial Analogues Library project: 1. characterization of samples by near-infrared point spectrometer. *Planetary Space Science*, 189:104989, September 2020.
- [8] Damien Loizeau, Guillaume Lequertier, François Poulet, Vincent Hamm, Cédric Pilorget, Lionel Meslier-Lourit, Celine Lantz, Stephanie C. Werner, Fernando Rull, and Jean-Pierre Bibring. Planetary Terrestrial Analogues Library project: 2. building a laboratory facility for MicrOmega characterization. *Planetary Space Science*, 193:105087, November 2020.
- [9] Laurence Lorda, Elisabet Canalias, Thierry Martin, Romain Garmier, Aurélie Moussi, Jens Biele, Ralf Jaumann, Jean-Pierre Bibring, Matthias Grott, Hans-Ulrich Auster, Tra-Mi Ho, Christian Krause, Michael Maibaum, Barbara Cozzoni, Stephan Ulamec, Friederike Wolff, Yuichi Tsuda, Tatsuaki Okada, and Yuya Mimasu. The process for the selection of MASCOT landing site on Ryugu: Design, execution and results. *Planetary Space Science*, 194:105086, December 2020.
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- [17] Marco Veneranda, Guillermo Lopez-Reyes, José Antonio Manrique, Jesus Medina, Patricia Ruiz-Galende, Imanol Torre-Fdez, Kepa Castro, Cateline Lantz, François Poulet, Henning Dypvik, Stephanie C. Werner, and Fernando Rull. ExoMars Raman Laser Spectrometer: A Tool for the Potential Recognition of Wet-Target Craters on Mars. *Astrobiology*, 20(3):349–363, March 2020.