

## Refereed articles in 2019

- [1] R. P. Binzel, F. E. DeMeo, E. V. Turtelboom, S. J. Bus, A. Tokunaga, T. H. Burbine, C. Lantz, D. Polishook, B. Carry, A. Morbidelli, M. Birlan, P. Vernazza, B. J. Burt, N. Moskovitz, S. M. Slivan, C. A. Thomas, A. S. Rivkin, M. D. Hicks, T. Dunn, V. Reddy, J. A. Sanchez, M. Granvik, and T. Kohout. Compositional distributions and evolutionary processes for the near-Earth object population: Results from the MIT-Hawaii Near-Earth Object Spectroscopic Survey (MITHNEOS). *Icarus*, 324:41–76, May 2019.
- [2] K. L. Donaldson Hanna, D. L. Schrader, E. A. Cloutis, G. D. Cody, A. J. King, T. J. McCoy, D. M. Applin, J. P. Mann, N. E. Bowles, J. R. Brucato, H. C. Connolly, E. Dotto, L. P. Keller, L. F. Lim, B. E. Clark, V. E. Hamilton, C. Lantz, D. S. Lauretta, S. S. Russell, and P. F. Schofield. Spectral characterization of analog samples in anticipation of OSIRIS-REx’s arrival at Bennu: A blind test study. *Icarus*, 319:701–723, February 2019.
- [3] V. E. Hamilton, A. A. Simon, P. R. Christensen, D. C. Reuter, B. E. Clark, M. A. Barucci, N. E. Bowles, W. V. Boynton, J. R. Brucato, E. A. Cloutis, H. C. Connolly, K. L. Donaldson Hanna, J. P. Emery, H. L. Enos, S. Fornasier, C. W. Haberle, R. D. Hanna, E. S. Howell, H. H. Kaplan, L. P. Keller, C. Lantz, J. Y. Li, L. F. Lim, T. J. McCoy, F. Merlin, M. C. Nolan, A. Praet, B. Rozitis, S. A. Sandford, D. L. Schrader, C. A. Thomas, X. D. Zou, D. S. Lauretta, and Osiris-Rex Team. Evidence for widespread hydrated minerals on asteroid (101955) Bennu. *Nature Astronomy*, 3:332–340, March 2019.
- [4] R. Isnard, A. Bardyn, N. Fray, C. Briois, H. Cottin, J. Paquette, O. Stenzel, C. Alexander, D. Baklouti, C. Engrand, F. R. Orthous-Daunay, S. Siljeström, K. Varmuza, and M. Hilchenbach. H/C elemental ratio of the refractory organic matter in cometary particles of 67P/Churyumov-Gerasimenko. *Astron. Astrophys.*, 630:A27, October 2019.
- [5] K. Kitazato, R. E. Milliken, T. Iwata, M. Abe, M. Ohtake, S. Matsuura, T. Arai, Y. Nakauchi, T. Nakamura, M. Matsuoka, H. Senshu, N. Hirata, T. Hiroi, C. Pilorget, R. Brunetto, F. Poulet, L. Riu, J. P. Bibring, D. Takir, D. L. Domingue, F. Vilas, M. A. Barucci, D. Perna, E. Palomba, A. Galiano, K. Tsumura, T. Osawa, M. Komatsu, A. Nakato, T. Arai, N. Takato, T. Matsunaga, Y. Takagi, K. Matsumoto, T. Kouyama, Y. Yokota, E. Tatsumi, N. Sakatani, Y. Yamamoto, T. Okada, S. Sugita, R. Honda, T. Morota, S. Kameda, H. Sawada, C. Honda, M. Yamada, H. Suzuki, K. Yoshioka, M. Hayakawa, K. Ogawa, Y. Cho, K. Shirai, Y. Shimaki, N. Hirata, A. Yamaguchi, N. Ogawa, F. Terui, T. Yamaguchi, Y. Takei, T. Saiki, S. Nakazawa, S. Tanaka, M. Yoshikawa, S. Watanabe, and Y. Tsuda. The surface composition of asteroid 162173 Ryugu from Hayabusa2 near-infrared spectroscopy. *Science*, 364(6437):272–275, April 2019.
- [6] Manale Noun, Donia Baklouti, Rosario Brunetto, Ferenc Borondics, Thomas Calligaro, Zélia Dionnet, Louis D’Hendecourt, Bilal Nsouli, Isabelle Ribaud, Mohamad Roumie, and Serge Della-Negra. A Mineralogical Context for the Organic Matter in the Paris Meteorite Determined by A Multi-Technique Analysis. *Life*, 9(2):44, June 2019.

- [7] Alexander Ruf, Alexis Bouquet, Philippe Boduch, Philippe Schmitt-Kopplin, Vassilissa Vinogradoff, Fabrice Duvernay, Riccardo Giovanni Urso, Rosario Brunetto, Louis Le Sergeant d'Hendecourt, Olivier Mousis, and Grégoire Danger. Organosulfur Compounds Formed by Sulfur Ion Bombardment of Astrophysical Ice Analogs: Implications for Moons, Comets, and Kuiper Belt Objects. *Astrophys. J. Lett.*, 885(2):L40, November 2019.