

Refereed articles in 2018

- [1] M. A. Barucci, D. Perna, M. Popescu, S. Fornasier, A. Doressoundiram, C. Lantz, F. Merlin, M. Fulchignoni, E. Dotto, and S. Kanuchova. Small D-type asteroids in the NEO population: new targets for space missions. *Monthly Notices of the RAS*, 476:4481–4487, June 2018.
- [2] R. Brunetto, C. Lantz, Z. Dionnet, F. Borondics, A. Aléon-Toppani, D. Baklouti, M. A. Barucci, R. P. Binzel, Z. Djouadi, K. Kitazato, and C. Pilorget. Hyperspectral FTIR imaging of irradiated carbonaceous meteorites. *Planetary Space Science*, 158:38–45, September 2018.
- [3] Z. Dionnet, A. Aléon-Toppani, D. Baklouti, F. Borondics, F. Brisset, Z. Djouadi, C. Sandt, and R. Brunetto. Organic and mineralogic heterogeneity of the Paris meteorite followed by FTIR hyperspectral imaging. *Meteoritics & Planetary Science*, pages 1–16, 2018.
- [4] Z. Dionnet, A. Aléon-Toppani, F. Borondics, R. Brunetto, A. C. Buellet, Z. Djouadi, A. King, S. Rubino, and D. Troadec. FTIR Micro-tomography of Five Itokawa Particles and one Primitive Carbonaceous Chondrite. *Microscopy and Microanalysis*, 24:2100–2101, August 2018.
- [5] T. Fornaro, J. R. Brucato, C. Feuillie, D. A. Sverjensky, R. M. Hazen, R. Brunetto, M. D’Amore, and V. Barone. Binding of Nucleic Acid Components to the Serpentinite-Hosted Hydrothermal Mineral Brucite. *Astrobiology*, 18:989–1007, August 2018.
- [6] P. Modica, Z. Martins, C. Meinert, B. Zanda, and L. L. S. d’Hendecourt. The Amino Acid Distribution in Laboratory Analogs of Extraterrestrial Organic Matter: A Comparison to CM Chondrites. *Astrophys. J.*, 865:41, September 2018.
- [7] D. Perna, M. A. Barucci, M. Fulchignoni, M. Popescu, I. Belskaya, S. Fornasier, A. Doressoundiram, C. Lantz, and F. Merlin. A spectroscopic survey of the small near-Earth asteroid population: Peculiar taxonomic distribution and phase reddening. *Planetary Space Science*, 157:82–95, August 2018.
- [8] M. Popescu, D. Perna, M. A. Barucci, S. Fornasier, A. Doressoundiram, C. Lantz, F. Merlin, I. N. Belskaya, and M. Fulchignoni. Olivine-rich asteroids in the near-Earth space. *Monthly Notices of the RAS*, 477:2786–2795, June 2018.