2019 Refereed Publications with LPL-Affiliated Authors as Queried from SAO/NASA ADS by Month

"Lunar and Planetary Laboratory" ; "Lunar & Planetary Laboratory" ; "LPL"

March 2019 (19 publications)

Barnouin, O.S., Daly, M.G., and The OSIRIS-REx Team. 2019, Nature Geoscience **Shape of (101955)** Bennu indicative of a rubble pile with internal stiffness


Clark, Roger N., Brown, Robert H., Cruikshank, Dale P., & Swayze, Gregg A. 2019, Icarus **Isotopic ratios of Saturn's rings and satellites: Implications for the origin of water and Phoebe**

Fernandes, Rachel B., Mulders, Gijs D., Pascucci, Ilaria, Mordasini, Christoph, & Emsenhuber, Alexandre 2019, The Astrophysical Journal *Hints for a Turnover at the Snow Line in the Giant Planet Occurrence Rate*


Lauretta, D.S., DellaGiustina, D.N., and The OSIRIS-REx Team. 2019, Nature *The unexpected surface of asteroid (101955) Bennu*

Liu, Yao, Pascucci, Ilaria, & Henning, Thomas 2019, Astronomy and Astrophysics *CLicK: a Continuum and Line fitting Kit for circumstellar disks*


**Col-OSSOS: Color and Inclination Are Correlated throughout the Kuiper Belt**

Nimmo, Francis & Matsuyama, Isamu 2019, Icarus

**Tidal dissipation in rubble-pile asteroids**


**The Nitrogen Carrier in Inner Protoplanetary Disks**

Rackham, Benjamn V., Apai, Dániel, & Giampapa, Mark S. 2019, The Astronomical Journal

**The Transit Light Source Effect. II. The Impact of Stellar Heterogeneity on Transmission Spectra of Planets Orbiting Broadly Sun-like Stars**


**Bright carbonate surfaces on Ceres as remnants of salt-rich water fountains**


**The dynamic geophysical environment of (101955) Bennu based on OSIRIS-REx measurements**


February 2019 (19 publications)

Baker, David M. H. & Carter, Lynn M. 2019, Icarus Probing supraglacial debris on Mars 1: Sources, thickness, and stratigraphy


Ballouz, Ronald-Louis, Walsh, Kevin J., Richardson, Derek C., & Michel, Patrick 2019, Monthly Notices of the Royal Astronomical Society Using a geometrical algorithm to provide N-body initial conditions for the gravitational phase of asteroid family formation


Calamida, Annalisa, Matheson, Thomas, Saha, Abhijit, Olszewski, Edward, Narayan, Gautham, Claver, Jenna, Shanahan, Clare, Holberg, Jay, Axelrod, Tim, Bohlin, Ralph, Stubbs, Christopher W., Deustua, Susana, Hubeny, Ivan, Mackenty, John, Points, Sean, Rest, Armin, & Sabb, Elena 2019, The Astrophysical Journal Photometry and Spectroscopy of Faint Candidate Spectrophotometric Standard DA White Dwarfs


Hay, Hamish C. F. C. & Matsuyama, Isamu 2019, Icarus Nonlinear tidal dissipation in the subsurface oceans of Enceladus and other icy satellites


Quillen, Alice C., Zhao, Yuhui, Chen, YuanYuan, Sánchez, Paul, Nelson, Randal C., & Schwartz, Stephen R. 2019, Icarus Impact excitation of a seismic pulse and vibrational normal modes on asteroid Bennu and associated slumping of regolith


January 2019 (18 publications)


Cabral, Nahuel, Guilbert-Lepoutre, Aurélie, Fraser, Wesley C., Marsset, Michaël, Volk, Kathryn, Petit, Jean-Marc, Rousselot, Philippe, Alexandersen, Mike, Bannister, Michele T., Chen, Ying-Tung, Gladman, Brett, Gwyn, Stephen D. J., & Kavelaars, John J. 2019, Astronomy and Astrophysics OSSOS. XI. No active centaurs in the Outer Solar System Origins Survey

Combe, Jean-Philippe, Raponi, Andrea, Tosi, Federico, De Sanctis, Maria Cristina, Carrozzo, Filippo Giacomo, Zambon, Francesca, Ammannito, Eleonora, Hughson, Kynan H. G., Nathues, Andreas, Hoffmann, Martin, Platz, Thomas, Thangjam, Guneswar, Schorghofer, Norbert, Schröder, Stefan, Byrne, Shane, Landis, Margaret E., Ruesch, Ottaviano, McCord, Thomas B., Johnson, Katherine E., Singh, Sandeep Magar, Raymond, Carol A., & Russell, Christopher T. 2019, Icarus Exposed H<sub>2</sub>O-rich areas detected on Ceres with the dawn visible and infrared mapping spectrometer


Morrison, Aaron A., Zanetti, Michael, Hamilton, Christopher W., Lev, Einat, Neish, Catherine D., & Whittington, Alan G. 2019, Icarus Rheological investigation of lunar highland and mare impact melt simulants


