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## **Publications list**

### **Peer-reviewed Publications:**

**Lilly, E.**, P. Jevčák, C. Schambeau, K. Volk, J. Steckloff, H. Hsieh, Y. Fernandez, J. Bauer, R. Weryk, R. J. Wainscoat (2024), *Semimajor-axis Jumps as the Activity Trigger in Centaurs and High-perihelion Jupiter-family Comets*. ApJL, V 960, I 2, id. L8, 14 pp.

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McNeill, Andrew; Fitzsimmons, Alan; Jedicke, Robert; Lacerda, Pedro; **Lilly, Eva**; Thompson, Andrew; Trilling, David E.; DeMooij, Ernst; Hooton, Matthew J.; Watson, Christopher A. (2018), *Extreme Asteroids in the Pan-STARRS 1 Survey*, The Astronomical Journal, Volume 156, Issue 6, article id. 282, 19 pp. (2018).

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Meech, Karen J., Kleyna, Jan T., Hainaut, Olivier, Micheli, Marco, Bauer, James, Denneau, Larry, Keane, Jacqueline V., Stephens, Haynes, Jedicke, Robert, Wainscoat, Richard, Weryk, Robert, Flewelling, Heather, **Schunová-Lilly, Eva**, Magnier, Eugene, Chambers, Kenneth C. (2017), CO-driven Activity in Comet C/2017 K2 (PANSTARRS), The Astrophysical Journal Letters, Volume 849, Issue 1, article id. L8, 7 pp.

**Schunová-Lilly, E.**, Jedicke, R., Vereš, P., Denneau, L., Wainscoat, R. J., (2017), “*The size-frequency distribution of  $H > 13$  NEOs and ARM target candidates detected by Pan-STARRS1*”, Icarus, Volume 284, p. 114-125.

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### **Selected Conference Proceedings:**

**Lilly, Eva; Jevčák, Peter; Schambeau, Charles** (2022), *The Semi-major Axis Dips as the Activity Triggers in Centaurs and Distant Jupiter Family Comets*, 16th Europlanet Science

Congress 2022, held in Granada, Spain. Online at <https://www.epsc2022.eu/>, id. EPSC2022-1265

Jevčák, Peter ; **Lilly, Eva** ; Schambeau, Charles (2021), *Changes in activity of Centaur 2014 OG392 one year after its first detection*, AAS Division of Planetary Science meeting #53, id. 503.03. Bulletin of the American Astronomical Society, Vol. 53, No. 7 e-id 2021n7i503p03

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