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The central uplift of Elorza Crater: Insights into its geology and possible relationships to the Valles Marineris and Tharsis regions

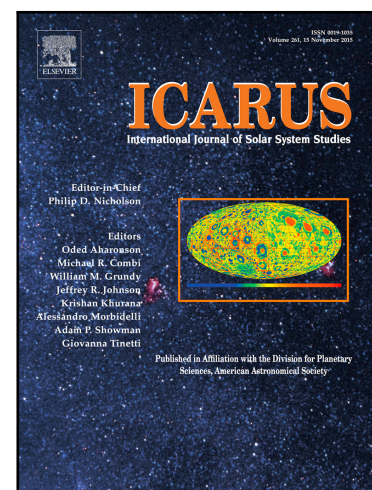
R.T. Hopkins , L.L. Tornabene , G.R. Osinski

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Highlights

- Spectral and visual datasets were used to map the central uplift of Elorza Crater.
- We distinguish between pre-, syn-, and post-impact origins for units in the uplift.
- Opaline silica, smectite, and LCP found throughout the uplift.
- Some units may have been altered via an impact-induced hydrothermal system.
- We use Valles Marineris stratigraphy to further constrain formation mechanisms.

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