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The Effect of Adsorbed Liquid and Material Density on Saltation Threshold: Insight from Laboratory and Wind Tunnel Experiments

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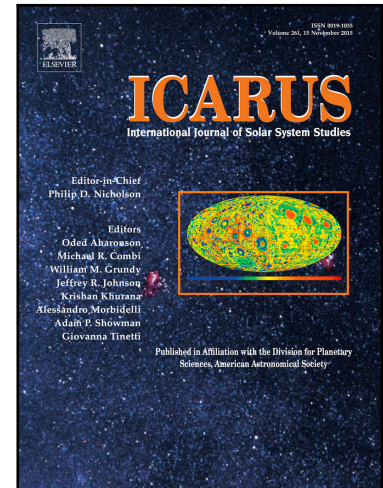
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Highlights

- Low density wind tunnel materials contain more water than high density materials
- Varying walnut shell water content (1.7 to 7.2%) does not change threshold wind speed
- Methane moisture could substantially change threshold wind speed for sand on Titan

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