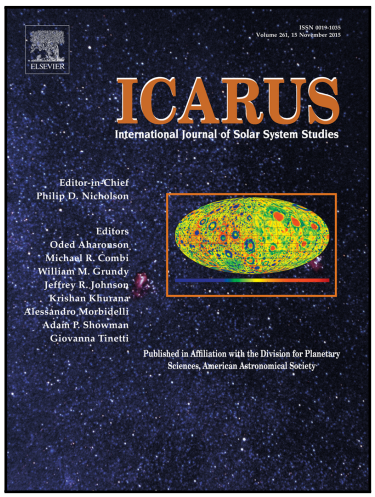

CRYOVOLCANIC EMPLACEMENT OF DOMES ON EUROPA

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Highlights

- We model the emplacement of putative cryovolcanic domes on Europa
- Erupted lava will be warm enough to relax and advance to form domes in Europa's frigid environment
- Cryovolcanic domes may form from low viscosity H_2O or briny solutions that undergo rapid cooling
- Cryovolcanic domes may have rheologies that are consistent with terrestrial basalt