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Interior thermal state of Enceladus inferred from the viscoelastic state of the ice shell

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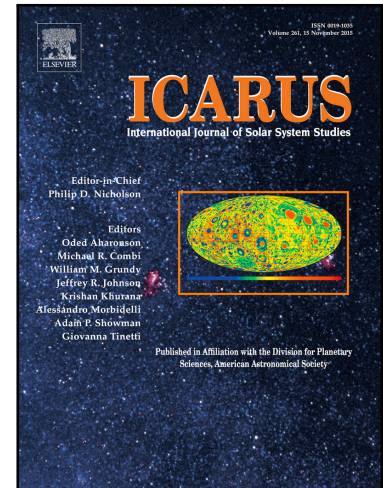
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Highlights

- A regionally-thickened ocean needs a balance between melting and viscous inflow.
- Heat production in the core is not sufficient to maintain such an ocean.
- An ice shell tidal heating rate ~ 10 times the conventional estimate is inferred.

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