

# Accepted Manuscript

Secular resonances with Ceres and Vesta

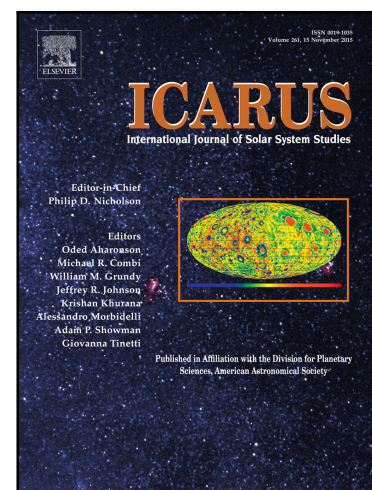
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**Highlights**

- We have studied the importance of the asteroidal linear secular resonances induced by Ceres and Vesta on main-belt asteroids.
- Location of the resonances throughout the main belt have been determined.
- We found that in some cases the strength of the asteroidal secular resonances is comparable to that of known non-linear secular resonances with the giant planets.
- We identify several asteroid families whose post-impact evolution may be affected by the secular resonances with Ceres and Vesta.

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