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What is controlling the reflectance spectra (0.35- 150  $\mu\text{m}$ ) of hydrated (and dehydrated) carbonaceous chondrites?

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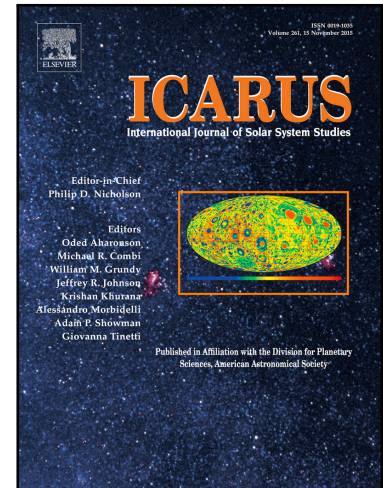
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**Highlight:**

- The 0.7  $\mu\text{m}$  feature in hydrated carbonaceous chondrites correlates with water content.
- Continuum reflectance is not related to carbon content but primary mineralogy
- The CR1 has a spectra very similar to CM, and shows an 0.7  $\mu\text{m}$  feature
- The surface of Cgh/Ch asteroids is a mixture of hydrated and not hydrated material
- Goethite like 3- $\mu\text{m}$  band are observed for some CR chondrites and heated CM.

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