

Title: Why did theia hit earth

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Maybe more surprisingly though, the early planet was arid and lifeless. The raw materials for life, including water and carbon chemistry, most likely arrived much later--are brought by a cataclysmic...

Theia, an ancient planet, collided with Earth to form the moon, scientists believe. A new study suggests Theia could have also formed mysterious blobs called large low-velocity provinces, or...

You may have heard of Theia, a Mars-sized object thought to have struck the young Earth and produced the Moon. If Theia (or a similar body) originated in a colder, volatile-rich region, it could ...

A planet called Theia collided with Earth, creating the Moon. Large, dense remnants of Theia exist deep within Earth's mantle. Computer models support the idea that these remnants are...

The Theory Behind the Impact The Giant-Impact Hypothesis is the most widely accepted explanation for the Moon's formation. According to this theory, Theia crashed into Earth, ejecting a ...

Theia was eventually perturbed away from that relationship, most likely by the gravitational influence of Jupiter, Venus, or both, resulting in a collision between Theia and Earth.

Earth life is carbon-based, and without carbon, there would be no life. New research shows how Earth got its carbon from impactors, including a boost from Theia, the impactor that created the...

Around 4.5 billion years ago, a planet called Theia is thought to have smashed into newborn Earth. The messy collision kicked up debris, which probably formed our nighttime ...

The impact of Theia is thought to have occurred around 4.5 billion years ago, after Earth had already accumulated a significant amount of carbon and water from smaller impacts. Theia's ...

One fateful day about 4.5 billion years ago, a Mars-sized body called Theia collided with proto-Earth, turning

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both into a molten mess of rock and metal. Once the debris had coalesced, two distinct ...

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