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Ages of impact basins and early impact history of the Moon

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Dating of lunar impact basins is necessary to place constraints on the cratering history on the early Moon. In this study, we performed new crater size-frequency measurements in order to investigate ages and the stratigraphy of lunar impact basins. On the basis of the results, we will discuss the early impact history of the Moon.

Keywords: Moon, Kaguya, impact basin, cratering chronology, late heavy bombardment, lunar cataclysm