



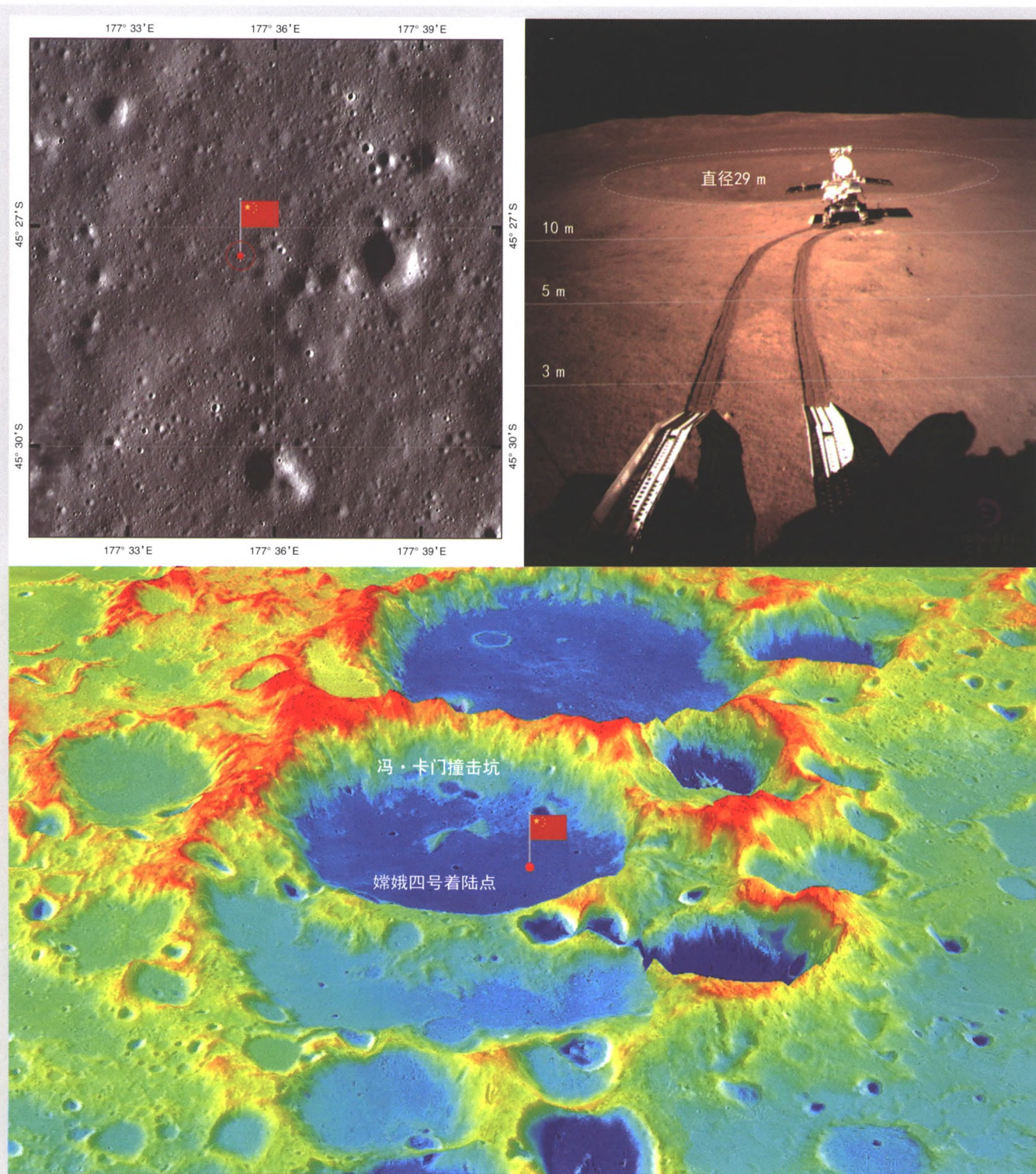
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Yaogan Xuebao

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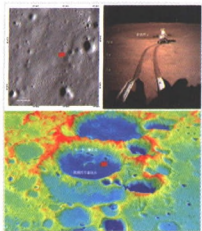
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About the Cover

嫦娥四号着陆点高精度定位图

Chang'e-4 lander high precision localization

嫦娥四号探测器于 2019 年 1 月 3 日在月球背面南极 - 艾特肯盆地内的冯·卡门撞击坑成功软着陆。封面展示了着陆区数字高程模型（下图）、着陆器监视相机影像单像量测结果（右上图）和嫦娥四号着陆点定位图（左上图）。基于多源影像，利用影像特征匹配定位和单像视觉测量定位技术，确定了嫦娥四号着陆点的精确位置为 (177.588° E, 45.457° S)。更多信息及技术细节见本期 177 页。
Chang'e-4 lunar probe has successfully landed on the far side of the moon in Von Kármán crater inside the South Pole-Aitken (SPA) basin on January 3, 2019. The front cover shows the digital elevation model of the landing site (the lower map), the monoscopic measurement results from the monitoring camera image (the upper right map), and the lander localization map (the upper left map). The lander location was precisely determined to be (177.588° E, 45.457° S) based on multi-source data using image feature matching and monoscopic image measurement techniques. More information and technical details can be found in page 177.

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