

## A review of current studies on optically and infrared stimulated luminescence dating of loess

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Luminescence dating is based on the detection of light from trapped electrons which are induced by natural radiation and are accumulated with geological time. The method is suitable for dating of sediments because most of the trapped electrons should be bleached by sunlight exposure and the clock of dating starts at the time of deposition. The present study reviews current and previous luminescence dating studies of loess. Our preliminary study of loess from Shajinpin in Lanzhou is also presented.