

安徽绩溪萤石的热释光性质

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摘要 安徽绩溪萤石对 β 射线照射有良好的热释光响应。实验结果显示, 辐照剂量增加, 热释光发射随之增强, 并在所研究的剂量范围内呈线性变化。选用BG2003释光谱仪对绩溪萤石进行热释光实验测试, 获得的热释光生长曲线是一张三维热释光谱图。

关键词 [绩溪萤石](#) [热释光](#) [BG2003释光谱仪](#) [\$\beta\$ 射线照射](#)

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Characteristics of Thermoluminescence of Jixi's Fluorite

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Abstract The Jixi's fluorite was irradiated by beta rays in order to find the thermoluminescence characteristics of this fluorite. The thermoluminescence intensity increases with the increase of radiation dose and a linear relation is obtained at certain dose period. The BG2003 luminescent spectrograph was used in experimental studies and the three dimensional glow-curve luminescence spectrograph of Jixi's fluorite was obtained.

Key words [Jixi's fluorite](#) [thermoluminescence](#) [BG2003 luminescent spectrograph](#) [\$\beta\$ -ray irradiation](#)

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