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放射線計測のための発光材料

Luminescence materials for radiation measurements

Summary

Luminescence materials for radiation measurements have gained much attention in many applications such as medical devices, environmental radiation monitoring, and security systems. The requirements of the luminescence materials depend on each application. There is no material that meets all the requirements for all applications; therefore, the suitable material must be chosen for each application. In this meeting, fundamental luminescence materials and the luminescence mechanism for use in radiation measurements are introduced. In addition, my recent works on various luminescence materials such as transparent ceramics, glasses, and organic-inorganic hybrid single crystals are mentioned in detail.

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参加登録