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Thursday, January 10, 2019

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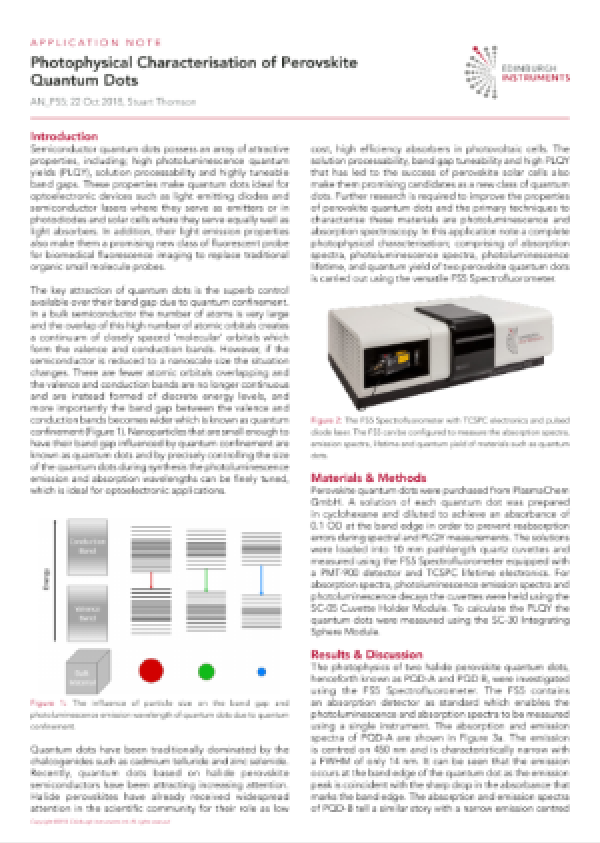
APPLICATION NOTE

Photophysical Characterisation of Perovskite Quantum Dots

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Photophysical Characterisation of Perovskite Quantum Dots

Perovskite Quantum Dots are a promising new class of light emitters. In this paper a complete photophysical characterisation, comprising of absorption spectra, photoluminescence spectra, photoluminescence lifetime, and quantum yield of two perovskite quantum dots is carried out using the versatile FS5 Spectrofluorometer. In this article we researched: Measurement of absorption and photoluminescence spectra of perovskite, QDs Determination of the photoluminescence quantum yield of perovskite, QDs Photoluminescence decays of perovskite, and QDs measured using TCSPC.

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