

## Study of Quantum Efficiency by Various Materials & Conditions

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Quantum dots (QDs) are a big issue in the display industry due to its advantages such as high emission intensity, luminous efficiency, light stability, ease of synthesis, and long life time. So, QDs have the potential to be applied for solar cell, LED emitter, biosensor etc. In order to find an effective light-emitting property of quantum dots, we studied the quantum efficiency dependence of the types of quantum dots and ligands in various reaction conditions