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Title: Investigation on Luminescence Enhancement and Decay Characteristics of Long Afterglow Nanophosphors for Dark-Vision Display Applications

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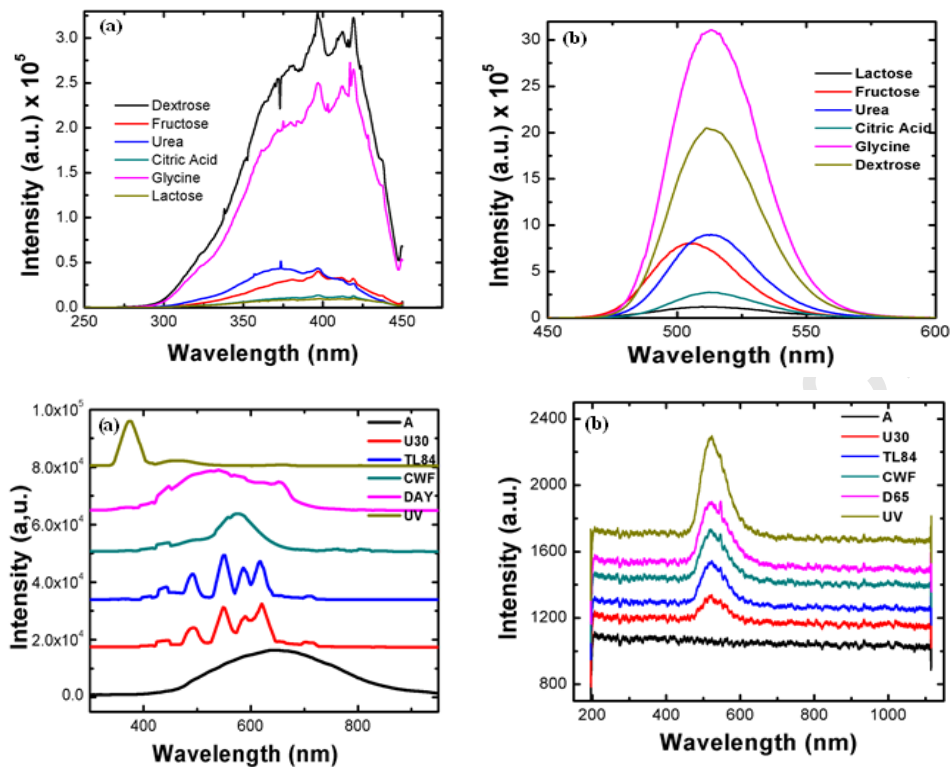
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GRAPHICAL ABSTRACT



Present work focuses on the influence of various fuels during synthesis and thereafter improvement in the luminescence decay characteristics under various illuminant irradiations of long afterglow nanophosphors for effective use in dark-vision display applications. The underlying mechanism has also been discussed using trapping and detrapping model.

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