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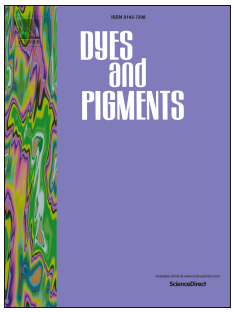

Synthesis, Photophysical and Optoelectronic Properties of Quinazoline-Centered Dyes and their Applications in Organic Light-Emitting Diodes

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Graphical Abstract

Highly thermal stable quinazoline-centered derivatives with tunable electron-only or bipolar nature were employed as host materials to achieve high efficient red phosphorescent organic light-emitting diodes.