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Photoluminescence and electroluminescence of four platinum complexes with trifluoromethyl-substituted 2-phenylpyridine and tetraphenylimidodiphosphate ligands

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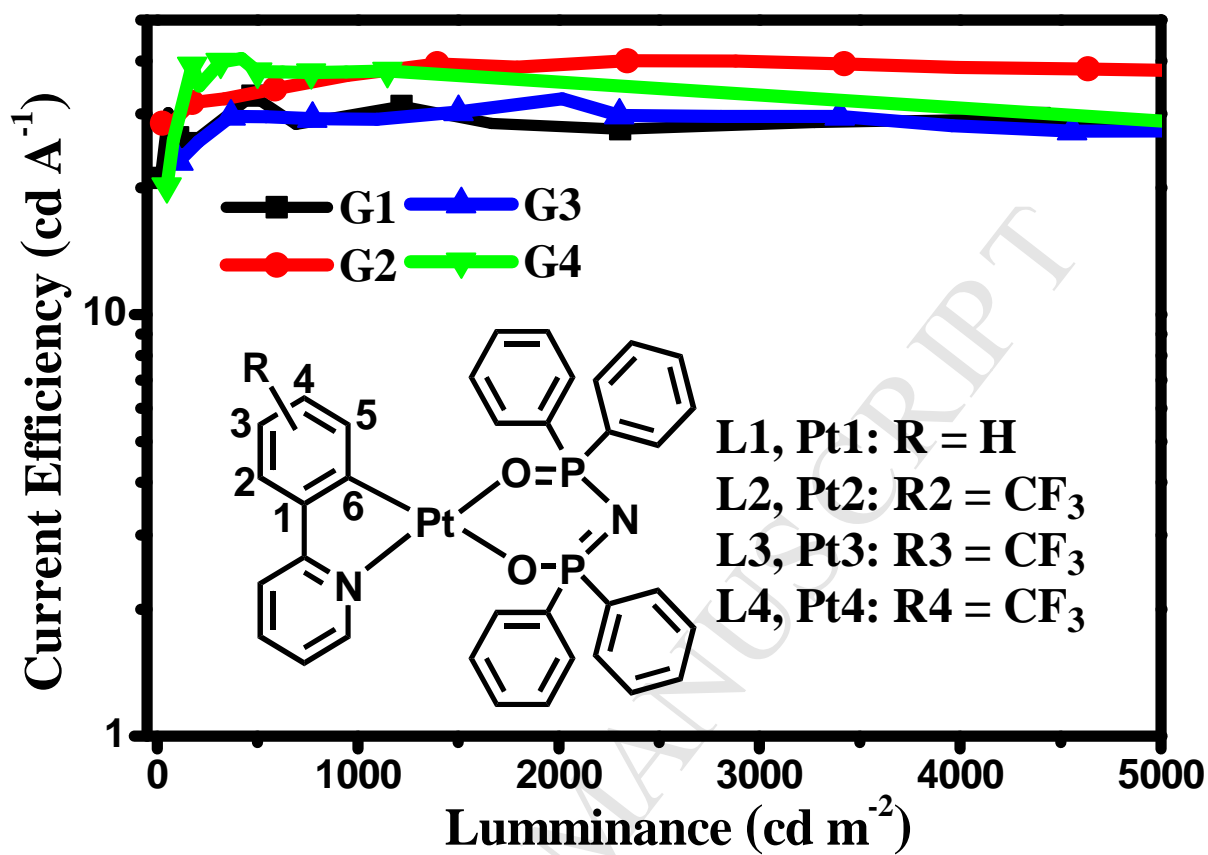
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Highly efficient green OLEDs based on four platinum complexes show a maximum luminance of 39196 cd m^{-2} , a maximum current efficiency of 40.1 cd A^{-1} and a maximum power efficiency of 31.0 lm W^{-1} , respectively, with low efficiency roll-off.

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