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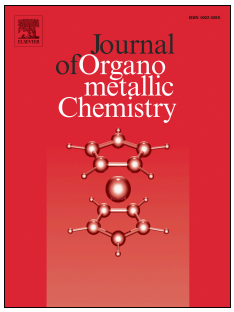

Color-tunable thiazole-based iridium(III) complexes: Synthesis, characterization and their OLED applications

Nga-Yuen Chau, Po-Yu Ho, Cheuk-Lam Ho, Dongge Ma, Wai-Yeung Wong

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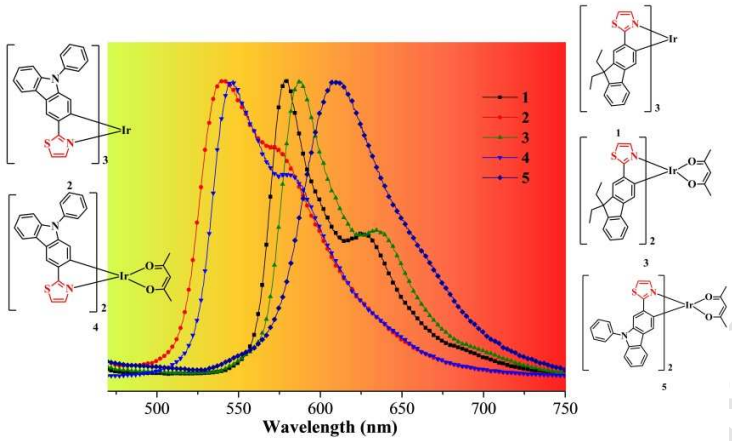

New thiazole-based iridium(III) phosphors were synthesized. Their emission colors could be tuned from yellow to red. The best OLED exhibited a maximum external quantum efficiency of 11.1%, current efficiency of 35.8 cd/A and power efficiency of 21.9 lm/W.