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Title:	One-pot synthesis of strong solid state emitting mono-cyclometalated iridium(iii) complexes: Study of their aggregation induced enhanced phosphorescence.
Authors:	Karanam, M. (/jspui/browse?type=author&value=Karanam%2C+M.) Choudhury, A.R. (/jspui/browse?type=author&value=Choudhury%2C+A.R.)
Keywords:	2-phenylpyridine Iridium complex
Issue Date:	2012
Publisher:	The Royal Society of Chemistry
Citation:	Dalton Transactions, 41 (31), pp. 9276-9279.
Abstract:	Strong solid-state greenish-blue emitting, mono-cyclometalated iridium complexes, [Ir(ppy)(PPh <sub>3</sub> ) <sub>2</sub> (H)(Cl)], 2a and [Ir(F <sub>2</sub> ppy)(PPh <sub>3</sub> ) <sub>2</sub> (H)(Cl)], 2b [ppyH = 2-phenylpyridine; F <sub>2</sub> ppyH = 2-(2',4'-difluoro) phenylpyridine], have been synthesized by a convenient route. The 'aggregation induced enhanced phosphorescence (AIEP)' activity exhibited by these complexes has been rationalized.
Description:	Only IISERM authors are available in the record.
URI:	<a href="http://pubs.rsc.org/en/content/articlehtml/2012/dt/c2dt30771e">http://pubs.rsc.org/en/content/articlehtml/2012/dt/c2dt30771e</a> ( <a href="http://pubs.rsc.org/en/content/articlehtml/2012/dt/c2dt30771e">http://pubs.rsc.org/en/content/articlehtml/2012/dt/c2dt30771e</a> )
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