

Phosphorescent self-assembled PtII tetranuclear metallocycles

Submitted by Emmanuel Lemoine on Thu, 02/06/2014 - 14:07

Titre	Phosphorescent self-assembled PtII tetranuclear metallocycles
Type de publication	Article de revue
Auteur	Goeb, S�bastien [1], Prusakova, Valentina [2], Wang, Xianghuai [3], Vezinat, Aur�lie [4], Sall�, Marc [5], Castellano, Felix-N. [6]
Editeur	The Royal Society of Chemistry
Type	Article scientifique dans une revue � comit� de lecture
Ann�e	2011
Langue	Anglais
Pagination	4397-4399
Volume	47
Titre de la revue	Chemical Communications
ISSN	1359-7345
Mots-cl�s	Metallacycles [7], Phosphorescence [8], Platinum complexes [9], pyridine [10] A series of rigid Pt(ii) diimine diacetylide complexes and their corresponding metallocyclic derivatives were synthesized through coordination-driven self-assembly. The photophysical properties of these complexes have been studied in detail, revealing exceptionally high RT phosphorescence quantum yields and lifetimes when the excited state becomes localized on the [small pi]-conjugated bridging-ligand following intramolecular charge-transfer sensitization.
R�sum� en anglais	
URL de la notice	http://okina.univ-angers.fr/publications/ua2791 [11]

Liens

- [1] <http://okina.univ-angers.fr/s.goeb/publications>
- [2] [http://okina.univ-angers.fr/publications?f\[author\]=3662](http://okina.univ-angers.fr/publications?f[author]=3662)
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