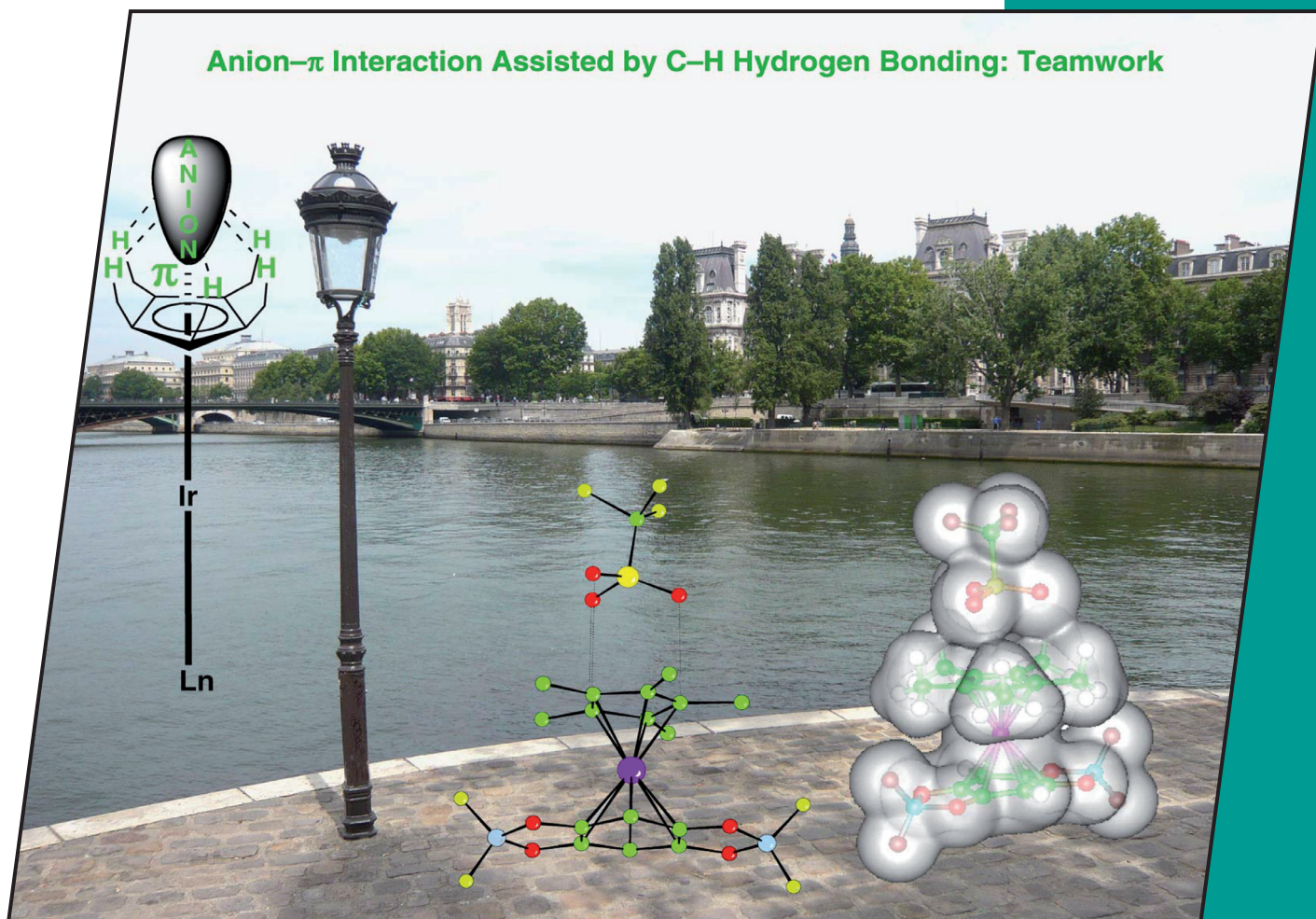


25/2009
1st September Issue

New
ISI Impact Factor
2.694

EurJIC
European Journal of
Inorganic Chemistry

Anion- π Interaction Assisted by C-H Hydrogen Bonding: Teamwork



Cover Picture

Hani Amouri et al.

An Unusual Anion- π Interaction in an Irido Organometallic Assembly

Microreview

Anne-K. Duhme-Klair

Binding of Molybdenum by Catecholamides

WILEY-VCH

www.eurjic.org

A Journal of





A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows the molecular structure of the neutral mononuclear iridium complex $\text{Cp}^*\text{Ir}(\eta^6\text{-C}_6\text{H}_2\text{O}_4)(\text{BF}_2)_2$ exhibiting an anion– π interaction between CF_3SO_3^- and metallated pentamethylcyclopentadienyl “ $\eta\text{-Cp}^*\text{Ir}$ ”. Computational analysis (see optimized structure) shows that this type of noncovalent interaction can be better described as a combination of anion– π and $\text{CH}\cdots\text{anion}$ hydrogen-bonding interactions. Both contributions work in harmony. Details are discussed in the Short Communication by H. Amouri et al. on p. 3703ff. The background depicts the famous *r  ver  re* “street lamp” of Paris, which resembles the iridium complex holding the anion. The lamp shown in the image is located on   le Saint-Louis, often considered the most romantic part of Paris. The cover picture was designed by H. Amouri.

