

Curriculum Vitae

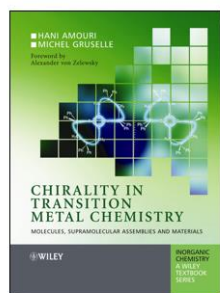
Dr. Hani, Haniel Amouri



Qualification: CNRS Research Director
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Scientific activity

Hani, Haniel Amouri was born in Anapolis Goias (Brazil) and obtained his PhD degree (1987) in chemistry with Professor John A. Osborn in homogeneous catalysis (hydrogenation) from Université Louis Pasteur Strasbourg (France). In 1988 he spent one year at Gif-sur-Yvette (France) as a post-doctoral fellow with Dr. Hugh Felkin where he studied C-H activation of saturated hydrocarbon with transition metal polyhydrides. In 1992-1993 he spent one year at UC-Berkeley with Professor Peter Vollhardt and has been working on the synthesis of oligocyclopentadienyl metal complexes and their behavior as electron transfer reagents. He is a *Research Director in CNRS* and currently is the director of "ARC" group (*Auto-assemblage, Reconnaissance et Chiralité*) of the Institut Parisien de Chimie Moléculaire UMR-8232 at Université Pierre et Marie Curie Paris-6. His main research interests are chirality, organometallic and coordination chemistry. Reports from his scientific activity include over **125 articles** in peer-reviewed journals, **three patents** and **75 communication abstracts** at national and international meetings. He is also one of the authors of the book "*Chirality in Transition Metal Chemistry*" published in 2008 by Wiley. Starting January 2011, he served during three years as a member of the Editorial Advisory Board of the ACS-journal *Organometallics*. Since January 2016 he is a member of the Editorial Advisory Board of the *European Journal of Inorganic Chemistry*.



Selected publications

1. **H. Amouri** & M. Gruselle "*Chirality in Transition metal Chemistry: Molecules, Supramolecular assemblies & Materials*"; Wiley: Chichester, UK., Novembre **2008**.
2. Highly Phosphorescent Crystals of Square Planar Pt (R-terpy) Complexes with Chiral Organometallic Linkers : Homochiral versus Heterochiral Arrangements, Induced Circular Dichroism and TD-DFT Calculations. *H. Sesolis, J. Dubarle-Offner, C. K. M. Chan, E. Puig, G. Gontard, P. Winter, A. L. Cooksy, V. W.W. Yam, and H. Amouri. Chem. Eur. J.* **2016**, 22, 8032. Cover Picture.
3. Deep-red phosphorescent Iridium(III) complexes with chromophoric N-heterocyclic carbene (NHC) ligands: Design, photophysical properties and TD-DFT calculations. *P.-H. Lanoë, J. Chan, G. Gontard, F. Monti, N. Armaroli, A. Barbieri, and H. Amouri. Eur J. Inorg. Chem.* **2016**, 1631. Cover picture
4. J. Moussa, L.-M. Chamoreau, A. Degli Esposti, M. Pia Gullo, A. Barbieri, **H. Amouri**. Tuning Excited States of Bipyridyl Platinum(II) Chromophores with π -bonded Catecholate Organometallic Ligands: Synthesis, Structures, TD-DFT Calculations and Photophysical Properties. *Inorg. Chem.* **2014**, 53, 6624.
5. J. Moussa, K. M.-C. Wong, X. F. Le Goff, M. N. Rager, V. W.-W. Yam, **H. Amouri**. Dinuclear Platinum (II) Terpyridyl Complexes with *para*-Diselenobenzoquinone Organometallic Linker: First Synthesis, Structures and Intense Room-Temperature Phosphorescence. *Organometallics.* **2013**, 32, 4985.