

Jean-François MEUNIER

LIST OF PUBLICATIONS

Waterborne polyurethane/Fe<sub>3</sub>O<sub>4</sub>-synthetic talc composites: Synthesis, characterization, and magnetic properties. dos Santos L. M., Ligabue R., Dumas A., Le Roux C., Micoud P., Meunier J.-F., Martin F., Corvo M., Almeida P., Einloft S. *Polymer Bulletin*, 2017, [10.1007/s00289-017-2133-9](https://doi.org/10.1007/s00289-017-2133-9)

Organic control of dioctahedral and trioctahedral clay formation in an alkaline soil system in the pantanal Wetland of Nhecolândia, Brazil. Barbiero L., Berger G., Rezende Filho A. T., Meunier J.-F., Martins-Silva E. R., Furian S. *Plos One*, 2016, **11** (7): e0159972/1-e059972/23, [10.1371/journal.pone.0159972](https://doi.org/10.1371/journal.pone.0159972)

Fe-II(pap-5NO(2))(2) and Fe-II(qsal-5NO(2))(2) schiff-base spin-crossover complexes: A rare example with photomagnetism and room-temperature bistability. Iasco O., Riviere E., Guillot R., Buron-Le Cointe M., Meunier J.-F., Bousseksou A., Boillot M. L. *Inorganic Chemistry*, 2015, **54** (4): 1791-1799, [10.1021/ic5027043](https://doi.org/10.1021/ic5027043)

New magnetic nanocomposites: Polyurethane/ Fe<sub>3</sub>O<sub>4</sub>-synthetic talc. dos Santos L. M., Ligabue R., Dumas A., Le Roux C., Micoud P., Meunier J.-F., Martin F., Einloft S. *European Polymer Journal*, 2015, **69**: 38-49, [10.1016/j.eurpolymj.2015.05.026](https://doi.org/10.1016/j.eurpolymj.2015.05.026)

A high-spin Fe(II)/low-spin Fe(III) redox couple featuring the hydro[tris(4-chloro-3,5-dimethyl-pyrazolyl)]borate ligand: synthesis, spectroscopic and X-ray crystallographic characterization. Hamon P., Mari A., Meunier J.-F., Toupet L., Cador O., Etienne M., Hamon J.-R. *Inorganica Chimica Acta*, 2009, **362** (12): 4389-4395, [10.1016/j.ica.2009.01.017](https://doi.org/10.1016/j.ica.2009.01.017)

Structural-electronic correlation in the first-order Phase Transition of [FeH<sub>2</sub>L<sup>2-Me</sup>](ClO<sub>4</sub>)<sub>2</sub> (H<sub>2</sub>L<sup>2-Me</sup> = bis[(((2-methylimidazol-4-yl)methylidene)-3-aminopropyl)ethyldiamine]). Brefuel N., Imatomi S., Torigoe H., Hagiwara H., Shova S., Meunier J.-F., Bonhommeau S., Tuchagues J.-P., Matsumoto N. *Inorganic Chemistry*, 2006, **45**: 8126-8135, [10.1021/ic060674w](https://doi.org/10.1021/ic060674w)

Unexpected isotope effect on the spin transition of the coordination polymer Fe(C<sub>5</sub>H<sub>5</sub>N)<sub>2</sub>[Ni(CN)<sub>4</sub>]. Hosoya K., Kitazawa T., Takahashi M., Takeda M., Meunier J.-F., Molnar G., Bousseksou A. *Physical Chemistry Chemical Physics*, 2003, **5**: 1682-1688, [10.1039/B212312F](https://doi.org/10.1039/B212312F)