



## Spin-Crossover Complexes

Guest Editor:

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### **Message from the Guest Editor**

Spin-crossover (SCO) phenomenon is originated from the intrinsic bistability of the d-electron configuration, created by the competition between ligand-field splitting and spin-pairing energies in a first coordination sphere of transition metal ions. Since Cambi's visionary finding of SCO in 1931, considerable knowledge concerning syntheses, crystal structures, magnetic and thermodynamic properties, molecular orbital calculations, and theories of SCO complexes has been accumulated. Furthermore, the possibility toward future applications of SCO complexes has been actively studied. This Special Issue aims at collecting research and review of recent advances in all aspects of SCO by means of an open access way. I invite you to contribute papers and allow your research to impact the next generation trend in this promising field.

Kazuyuki Takahashi

*Guest Editor*





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## Message from the Editor-in-Chief

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