



## Tetrathiafulvalene-Based Architectures: From Guests Recognition to Self-Assembly

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Auteur	Sallé, Marc [1], Canevet, David [2], Balandier, Jean-Yves [3], Lyskawa, Joel [4], Trippé, Gaëlle [5], Goeb, Sébastien [6], Le Derf, Franck [7]
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Résumé en anglais	The tetrathiafulvalene (TTF) unit has been successfully used for an incredibly broad range of applications. Beyond the well-established conducting properties of the corresponding cation-radical salts, this unit has appeared as a key redox-active component for various applications supported by its remarkable redox properties: a high $\pi$ -donating ability and occurrence of three stable redox states. This article reviews the main contribution of the group of Angers to this field, highlighting results obtained in terms of redox-sensing as well as efforts carried out to reach new self-assembled TTF-based architectures.
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### Liens

- [1] <http://okina.univ-angers.fr/marc.salle/publications>
- [2] <http://okina.univ-angers.fr/david.canevet/publications>
- [3] [http://okina.univ-angers.fr/publications?f\[author\]=2573](http://okina.univ-angers.fr/publications?f[author]=2573)
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