

Jean Rouxel

Chaire Chimie des solides (1997-1998)

BIBLIOGRAPHIE

Outre les quelques 300 publications scientifiques dont il est signataire, Jean Rouxel a aussi participé en tant qu'éditeur et co-auteur à l'élaboration de deux livres de chimie, et en tant qu'éditeur ou éditeur associé, à la publication de revues de chimie (*Current Opinion in Solid State Chemistry*, *Journal of Materials Chemistry*, *Journal of Solid State Chemistry*, *Angewandte Chemie, Chemistry*, *Solid State Ionics*, *European Journal of Solid State and Inorganic Chemistry*, *Chemistry of Materials*, *New J. of Chemistry*, *Annales de Chimie*, *Compte-Rendus de l'Académie des Sciences*, *Material Research Bulletin*).

PRINCIPAUX OUVRAGES

- Éditeur-auteur de *Crystal Chemistry of Materials with quasi one-dimensional structure*, D. Reidel publishing Company, 1985.
- Editeur avec M. Tournoux et R. Brec de *Chimie Douce - Soft Chemistry Routes to New Solids*, Tans Tech. Ltd Publications, 1993.
- Participation aux séries « Physics and Chemistry of Layered Compounds », Lausanne : E. Levy et « Annual Review in Material Science ».

PRINCIPAUX ARTICLES

- « Alkali Metal Intercalation Compounds of Transition Metal Chalcogenides », J. Rouxel in *Intercalated Layered Materials 201-205*, F. Levy Editor, D. reidel Publishing Company, 1979.
- « Charge Density Wave Phase Transition in NbSe₃ and Related Compounds », J. Rouxel, A. Meerschaut and P. Gressier, *Ber. Bundenges. Phys. Chem.* 87, 263, 1983.
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- « Design and Chemical Reactivity of Low-Dimensional Solids », J. Rouxel, *Supramolecular Architecture*, A.C.S. Symposium series 499, Ed. Thomas Bein, Washington, 88-113, 1992.
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- « Comments About Cationic-Anionic Redox Competition in the Solid State. The Formation of Anions Associations in the Solid State », J. Rouxel, *Comments in Inorg. Chem.*, Vol. 14 N°4, 207-228, 1992.
- « The Chemistry and Chemical Reactivity of Low-Dimensional Solids: Some Soft Chemical Approaches to the Synthesis of New Solid Compounds », J. Rouxel, *Advances in the Synthesis and Reactivity of Solids*, Vol. 2 p. 27-91, JAI Press Inc., 1994.
- « The Misfit Layer Compounds (MX)_n(TX₂)_m [M=Sn,Pb,Bi,RareEarth; T=Transition metal; X= S,Se; 1.08 < n < 1.25; m= 1.21] », J. Rouxel and A. Meerschaut, *Mol. Cryst. Liq. Cryst.*, 244, 343-354, 1994.