

# Publicaciones y Bibliografía

# Apéndice A

## Publicaciones

### A.1. Publicaciones a las que ha dado lugar el presente trabajo

- **New Family of Ruddlesden-Popper Strontium Niobium Oxynitrides:  $(\text{SrO})(\text{SrNbO}_{2-x}\text{N})_n$  ( $n= 1, 2$ ).**  
G. Tobías, J. Oró-Solé, D. Beltrán-Porter, A. Fuertes  
*Inorg. Chem.* **40**, 6867 (2001).
- **Synthesis and crystal structure of Novel Ruddlesden-Popper Strontium Niobium Oxynitrides.**  
G. Tobías, J. Oró-Solé, D. Beltrán-Porter, A. Fuertes  
*Crystal Engineering* **5**, 479 (2002).
- **Anion ordering and defect structure of Ruddlesden-Popper strontium niobium oxynitrides.**  
G. Tobías, D. Beltrán-Porter, O. I. Lebedev, G. van Tendeloo, J. Rodríguez-Carvajal, A. Fuertes  
Enviado a *Inorg. Chem.*
- **Electronic structure of layered oxides containing  $\text{M}_2\text{O}_7$ ,  $\text{M}_3\text{O}_{10}$ ,  $\text{M}_4\text{O}_{14}$  ( $\text{M}=\text{Ti}, \text{V}, \text{Nb}, \text{Ta}$ ) octahedral slabs and implications for the conductivity of their intercalated phases.**  
G. Tobías, E. Canadell  
En preparación.

## A.2. Publicaciones realizadas paralelamente al presente trabajo

- **Experimental and theoretical study of the band structure of InSe and  $\text{In}_{1-x}\text{Ga}_x\text{Se}$  ( $x < 0.2$ ) under high pressure: Direct to indirect crossovers.**

C. J. Manjón, D. Errandonea, A. Segura, V. Muñoz, G. Tobías, P. Ordejón, E. Canadell

*Phys. Rev. B* **63**, 125330 (2001).

- **Angle-resolved photoemission study and first-principles calculation of the electronic structure of GaTe.**

J. F. Sánchez-Royo, J. Pellicer-Porres, A. Segura, V. Muñoz-Sanjosé, G. Tobías, P. Ordejón, E. Canadell

*Phys. Rev. B* **65**, 115201 (2002).

- **Specific features of the electronic structure of III-VI layered semiconductors: recent results on structural and optical measurements under pressure and electronic structure calculations.**

A. Segura, F. J. Manjón, D. Errandonea, J. Pellicer-Porres, V. Muñoz, G. Tobías, P. Ordejón, E. Canadell, A. San Miguel, D. Sánchez-Portal

*Phys. stat. sol. (b)* **235**(2), 267 (2003).

- **Synthesis, Characterization and Electronic Structure of  $\text{Ba}_5\text{Bi}_5\text{In}_4$ , an Acentric and One-Electron Deficient Phase.**

Siméon Ponou, Thomas F. Fässler, Gerard Tobías, Enric Canadell, Ara Cho, Slavi C. Sevov

*Chem. Eur. J.* Publicado en la web el 25 de Mayo de 2004

(Digital Object Identifier: 10.1002/chem.200306061)

- **Investigation of the band structure of Indium Selenide by means of intrinsic photoluminescence under high pressure.**

F. J. Manjón, A. Segura, V. Muñoz-Sanjosé, G. Tobías, P. Ordejón, E. Canadell

Enviado a *Phys. Rev. B*

- **Anti-fluorite type lithium chromium oxynitrides: relationships among synthesis, structure, order and electrochemical properties.**

J. Cabana, C. D. Ling, J. Oró-Solé, D. Gautier, G. Tobías, S. Adams, E. Canadell, M. R. Palacín

En preparación.

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