
Publications 2017

[2017](#) - - [2016](#) - - [2015](#)

M. Lü, O. Mentré, E. E. Gordon, M.-H. Whangbo, **A. Wattiaux**, **M. Duttine**, N. Tiercelin & H. Kabbour
"A comprehensive study of magnetic exchanges in the layered oxychalcogenides $\text{Sr}_3\text{Fe}_2\text{O}_5\text{Cu}_2\text{Q}_2$ (Q=S, Se)."
Journal of Magnetism and Magnetic Materials (2017) 444 : 147-153
[DOI : 10.1016/j.jmmm.2017.07.026](https://doi.org/10.1016/j.jmmm.2017.07.026)

N. Soulmi, D. Dambournet, C. Rizzi, J. Sirieix-Plénet, **M. Duttine**, **A. Wattiaux**, J. Swiatowska, O. J. Borkiewicz, H. Groult & L. Gaillon
"Structural and Morphological Description of Sn/SnOx Core-Shell Nanoparticles Synthesized and Isolated from Ionic Liquid."
Inorganic Chemistry (2017) 56(16) : 10099-10106
[DOI : 10.1021/acs.inorgchem.7b01850](https://doi.org/10.1021/acs.inorgchem.7b01850)

S. Marik, C. Nicollet, M. Channabasappa, S. Fourcade, **A. Wattiaux**, **M. Duttine**, R. Decourt, J.-M. Bassat & O. Toulemonde
"SrCo_{0.85}Fe_{0.15}O_{2.62} - Oxygen Deficient "314-type" Perovskite ; a Highly Efficient Cathode for Solid Oxide Fuel Cells."
Fuel Cells (2017) 17 : 353-358
[DOI : 10.1002/fuce.201600203](https://doi.org/10.1002/fuce.201600203)

S. Tencé, **A. Wattiaux**, **M. Duttine**, R. Decourt & O. Isnard
"A structural and magnetic study of Nd₅Fe₂B₆ and Nd₅Fe₂B₆D_{4.1}."
Journal of Alloys and Compounds (2017) 693 : 887-894
[DOI : 10.1016/j.jallcom.2016.09.243](https://doi.org/10.1016/j.jallcom.2016.09.243)