

PUBLICATIONS

1. M. Bastianini, D. Costenaro, C. Bisio, L. Marchese, U. Costantino, R. Vivani, M. Nocchetti. “On the intercalation of the iodine-iodide couple on layered double hydroxides with different particle sizes”, *Inorg Chem*, 2012, **51**, 2560-2568,.
2. C.L.M. Bianchi, C. Pirola, D.C. Boffito, A. Di Fronzo, A. Di Michele, R. Vivani, M. Nocchetti, M. Bastianini, S. Gatto “Co-Zn-Al Based Hydrotalcites as Catalysts for Fischer-Tropsch Process” Preprints of the DGMK-conference Catalysis – “Innovative Applications in Petrochemistry and Refining” ISBN 9783941721173, 93-98, 2011.
3. A. Di Fronzo, C. Pirola, A. Comazzi, F. Galli, C.L. Bianchi, A. Di Michele, R. Vivani, M. Nocchetti, M. Bastianini, D.C. Boffito. “Co-based hydrotalcites as new catalysts for the Fischer-Tropsch synthesis process”, *Fuel*, 2014, **119**, 62–69,.
4. M. Nocchetti, A. Donnadio, V. Ambrogi, P. Andreani, M. Bastianini, D. Pietrella and L. Latterini. “Ag/AgCl nanoparticle decorated layered double hydroxides: synthesis, characterization and antimicrobial properties”, *J. Mater. Chem. B*, 2013, **1**, 2383-2393.
5. L. Perioli, M. Nocchetti, P. Giannelli, C. Pagano, M. Bastianini “Hydrotalcite composites for an effective fluoride buccal administration: A new technological approach”, *Int. J. Pharm.*, 2013, **454**, 259-268.
6. F. Costantino, R. Vivani, M. Bastianini, L. Ortolani, O. Piermatti, M. Nocchetti, L. Vaccaro “Accessing stable zirconium carboxyaminophosphonate nanosheets as support for highly active Pd nanoparticles” *Chem. Commun.*, 2015, **51**, 15990-15993.

CONGRESS PARTICIPATIONS

1. M. Bastianini, L. Perioli, V. Ambrogi, C. Pagano, M. Nocchetti, M. Sisani “Nanostructured compounds to improve drug biopharmaceutical properties”. Proceedings of: Prima scuola estiva di nano biotecnologie, Torino, 8-11 Settembre, 2009.

2. M. Bastianini, M. Nocchetti, R. Vivani, M. Taddei, D. Costenaro, C. Bisio, L. Marchese “Intercalation of I_3^-/I^- redox couple on lamellar solids”, Proceedings of: 16th International Symposium on Intercalation Compounds, Pardubice-Sec, Czech Republic, Maggio 2011.
3. M. Nocchetti, T. Posati, F. Costantino, M. Bastianini, L. Tarpani, L. Latterini “Synthesis and characterization of nanosized lanthanide(III)-hydrotalcites” Proceedings of: 16th International Symposium on Intercalation Compounds, Pardubice-Sec, Czech Republic, Maggio 2011.
4. C.L. Bianchi, C. Pirola, D.C. Boffito, A. Di Fronzo, A. Di Michele, R. Vivani, M. Nocchetti, M. Bastianini, S. Gatto “Co-Zn-Al based Hydrotalcites as catalysts for Fischer-Tropsch process” Proceedings of: CATALYSIS – INNOVATIVE APPLICATIONS IN PETROCHEMISTRY AND REFINING, DGMK Conference October 4 – 6, 2011, Dresden, Germany
5. M. Bastianini, M. Nocchetti, D. Costenaro, F. Carniato, C. Bisio, L. Marchese, F. Oswald, T. B. Meyer “Immobilization of the I_3^-/I^- redox couple on lamellar solids and their application for DSSC technology” Proceedings of: The Energy and Materials Research Conference, EMR 2012, Torremolinos (Spain) 20-22 June, 2012.
6. M. Nocchetti, M. Bastianini, V. Ambrogio, P. Andreani, A. Donnadio, D. Pietrella, L. Latterini “Efficient approach for preparing silver nanoparticles on layered double hydroxides: synthesis, characterization and properties” Proceedings of: V WORKSHOP on OXIDE BASED MATERIALS: OXIDE 2012, 23rd-26th September 2012, Torino, Italy.
7. M. Nocchetti, M. Bastianini, V. Ambrogio, M. Molinelli, A. Donnadio, M. Marmottini “Novel composites based on acrylic resins and fluorinated hydrotalcites for dental applications” Proceedings of: V WORKSHOP on OXIDE BASED MATERIALS: OXIDE 2012, 23rd-26th September 2012, Torino, Italy.
8. C.L. Bianchi, C. Pirola, A. Di Fronzo, D.C. Boffito, A. Di Michele, R. Vivani, M. Nocchetti, M. Bastianini “Synthetic Hydrotalcites as suitable Co-based catalysts for Fischer-Tropsch Process” Proceedings of: XVIII Congresso Nazionale della Divisione di Chimica Industriale della Società Chimica Italiana LE SFIDE DELLA CHIMICA INDUSTRIALE PER UN’INNOVAZIONE SOSTENIBILE, Firenze 11-14 Giugno 2012.

10. C.L. Bianchi, C. Pirola, A. Di Fronzo, D.C. Boffito, A. Di Michele, R. Vivani, M. Nocchetti, M. Bastianini “Synthetic Hydrotalcites as suitable Co-based catalysts for Fischer-Tropsch Process”
Proceedings of : 7th International Conference on Environmental Catalysis, Lyon, France, September 2–6, 2012.

11. Chiesi C., Blasi F., Cossignani L., Spogli R., Bastianini M., Nocchetti M. “Intercalation of long chain fatty acids with different unsaturation degree into layered double hydroxides”
EMIRATES JOURNAL OF FOOD AND AGRICULTURE, In: -. Abstracts of ChimAlSi_2012 IX Italian Congress of Food Chemistry. "Food, Functional Foods and Nutraceuticals". Ischia (NA), 3-7 Giugno 2012, vol. 24, p. 35.

12. C.L. Bianchi, C. Pirola, A. Di Fronzo, D.C. Boffito, A. Di Michele, R. Vivani, M. Nocchetti, M. Bastianini “Development of Co-Hydrotalcite-like compounds for enhanced catalytic synthetic fuel production” Proceedings of: 4^o Forum Nazionale Giovani Ricercatori di scienza e Tecnologia dei Materiali, Padova, 28-30 Maggio, 2012.

13. Luana Perioli, Michele Sisani, Cinzia Pagano, Maria Bastianini, Francesca Blasi, Claudia Chiesi, Lina Cossignani. “LE IDROTALCITI IN CAMPO NUTRACEUTICO E COSMETICO: INTERCALAZIONE DELLE SOSTANZE FENOLICHE DEL VINO” 53^oSIMPOSIO AFI – Rimini 12th -14th June 2013 (abstract page 236-237).

14. Roberto Spogli, Maria Bastianini, Michele Sisani, Drug delivery improvements for topic formulation obtained by double layered hydroxides technology. PBP Word meeting, 4-7 aprile 2016, Glasgow. Oral presentation