

MASTER EN QUÍMICA DE MATERIALS APLICADA

Treball Final de Màster: Juliol 2021

- Alvarez Coscojuela, Adrián (*Tutor*: P. Gámez, QI)
"Synthesis of potential Anticancer Ruthenium(II) Complexes with Photochemical Properties"
- Brau Viudez, Nuria (*Tutor*: C. Ayats, Leitat)
"Synthesis of Nanoparticles in Continuous Flow"
- Eusamio Rodríguez, Javier (*Tutor*: A. Grabulosa, QI)
"Complexation and Catalytic Asymmetric Hydrogenation with Unsymmetrical Methylene-bridged *P*-stereogenic Diphosphines"
- Ferran Sánchez, Arnau (*Tutor*: R. Vicente, QI)
"Bifunctional Neodymium(III) Compounds Synthesized from β -diketonates and N,N-ligands"
- González Sánchez, Jonay (*Tutora*: E. C. Sañudo, QI)
"Synthesis of Ln-carboxylato 2D Metal-organic Frameworks and Analysis of their Exfoliation"
- Muradas Belinchón, David (*Tutor*: S. Terzo, IFAE)
"Graphene-based detectors for Minimum Ionizing Particles"
- Ochoa Freire, Gladys (*Tutores*: R. M. González i S. Martínez, Leitat)
"Nanocellulose based Materials for Cosmetic Applications"
- Porteiro Figueiras, Maria (*Tutor*: S. Sánchez, IBEC)
"*In Vitro* Studies of Urease-powered Nanomotors as Potential Drug Delivery Systems against Bladder Cancer"
- Roca Busacker, Joan (*Tutors*: P. Martínez i N. Homs, QI)
"Study of Molybdenum Carbide Supported on ZnO-ZrO₂-Ga₂O₃-based Catalysts for CO₂ Hydrogenation"
- Serra Rada, Joaquim (*Tutora*: M. Martínez, CEM)
"Study of Plastic Degradation and Characterisation of Plastic Waste in High Mountain. LCA of Single-use Plastic Object in Mountain Activities"
- Temprano Pérez, Andrés (*Tutor*: P. L. Cabot, QF)
"*Carbon-supported PtNi Core-shell Nanoparticles for Low Temperature Fuel Cells: Synthesis, Characterization, and Electrochemical Performance*"
- Vilella Piqué, Lluís (*Tutor*: X. Vendrell, UPC)
"Tailoring the Functional Properties and Microstructure of BaTiO₃ with Flash Sintering"