



CURS 2019-2020

Semestre tardor

TÍTOL	ALUMNES
Development of Sustainable Magnesium Phosphate Mortar using Alumina Industrial By-Product as Inorganic Filler. (resum)	Blanca Osorio, Alberto
Use of water treatment plants sludge as a precursor in the formulation of alkali-activated cements. (resum)	Cerezo Piñas, Miguel
Characterization and optimization of the slag formation process in Copper-based alloys scrap recycling. (resum)	Garcia Montesinos, Andreu
Study on influence of temperature and sintering time on the microstructure of K50-G30 grade hard metal (resum)	Pla Cabello, Josep Maria
Obtaining cellulose nanocrystals for the production of nanoreinforcements from soybean husk. (resum)	Vilche Mariscal, Anna

Semestre primavera

TÍTOL	ALUMNES
Life Cycle Assessment of Magnesium Phosphate Cement development. (resum)	Almécija Garcia, Daniel
Optimization of the "Cold Spray" process through regression of the minimum experimental population and extrapolation of function to different substrates and projection powders. (resum)	Alvarez Benedicto, Didac
Study of the influence of the marine environment on the corrosion resistance of CuNiFe alloy. (resum)	Bernet Prat, Nil
Archeometallurgical study of historical pieces found in the Pacific.. (resum)	Camacho Pérez, Sara
Development of Green supports from nanocellulose for the printing of electronic devices. (resum)	Casabó Oliveras, Anna



Particulate solids for solar concentration plants in direct radioation receiver configuration. (resum)	Francisco Giné, Carlota
Study on synthesis, surface derivatization, processing and technoeconomic analysis of a PLA – Nanocellulose composite (resum) (dipòsit)	Geraldo Silva, Gustavo
Application of a failure analysis protocol. (resum)	Guitart Gendre, Andreu
Materials selection for toilet trains module components. (resum)	Hernández Martínez, Carlos
Alkali doping study of anisotropic Sb ₂ Se ₃ photovoltaic absorbers. (resum)	Hill Taulès, Pau
A comparison of termal barrier coating materials and deposition processes for its application in jet engines. (resum)	Kaadouch, Rachid
Virtual workshop of Microplastics Watchers project in terms of Learning Service. (resum)	Llagostera Arnedo, Adrià
Study of alumina and zirconia inks for 3D printing by Robocasting . (resum)	Martínez Mazzeo, Damián
Exploring the dynamic of Sn for the synthesis of high efficiency Cu ₂ ZnSnSe ₄ based solar cells. (resum) (dipòsit)	Navarro Güell, Alejandro
Formulation of sodium borosilicate glass inks from ceramic precursors for Direct Ink Writing. (resum) (dipòsit)	Perez Bustos, Kevork
Comparison of bioactive coatings (HA) made by sol-gel (dip-coating) and atmospheric plasma spray (APS). (resum)	Roldán Palomino, Saúl Santos
Critical review and analysis of thermo-physical propieties of nanofluids. (resum)	Sanlorenzo Rodriguez, Yasmina
Improvement of osseointegration of a Ti-6Al-7Nb alloy for biomedical applications. (resum)	Segura Guijarro, Juan