



CURS 2019-2020

SEMESTRE DE TARDOR

Títol en anglès	Alumne
Simulation of a Double Tube Heat Exchanger with ANSYS®FLUENT. (resum)	Chilán Galarza, Marina Juana
Development of several multipurpose facial creams (BB, CC, DD creams) and the process for their manufacture. (resum) (dipòsit)	Daudén Tranche, Mónica
Development of a range of sunscreen cosmetic products and their manufacturing process. (resum)	Espinosa Reyes, Ingrid
General comparison and analysis of bio-based/biodegradable plastics to petrochemical-based plastics. (resum)	Ji, Sheng Jie
Eco-Audit of the packaging materials of a 750mL gel.	Lecina Senar, Andrea
Dehydrate ethanol from different compounds. (resum)	Lomas Martínez, Daniel

Design of a pilot-scale anaerobic membrane bioreactor (AnMBR) to treat the supernatant of an anaerobic digester feed with organic fraction of municipal solid waste. (resum)	Martínez Martorell, Miquel
Corporate tax study on incentives obtained due to expenses of R&D&I Activities.	Navarro Plademunt, Eduard
Separation of ABE in a single column. (resum)	Pérez Nieto, Carlota
Detection and understanding of water quality events in the drinking water supply network of Barcelona, Spain. (resum) (dipòsit)	Roselló Cano, Júlia
Script's complement for simulation of the practice "Thermal Conductivity of a Solid". (resum)	Serra Díaz, Albert
Glucose Isomerization by Enzymes. (resum) (dipòsit)	Solà Mas, Sílvia
Design of a batch plant for zolpidem manufacture. (resum)	Tejedor Estrada, Roger
Development of a range of hydrophobizing aerosols and the process for their manufacture. (resum) (dipòsit)	Tirado Petit, Víctor

SEMESTRE DE PRIMAVERA

Títol en anglès	Alumne
Preliminary design of a small production plant of sparkling wine. (resum) (dipòsit)	Aragones i Ferreres, Sergi
Segregated treatment for winery wastewater. (resum)	Bassaganyas Vancells, Tomàs
Removal of contaminants of emerging concern from water by means of Advanced Oxidation Processes. (resum)	Blanco Pulido, Anna
Intramolecular dehydration of 5-nonanol over ion exchange. (resum) (dipòsit)	Cabot de Pomés, Victòria
Wastewater treatment through AnMBR technology. (resum)	Chavez Briceño, Lyzeth Esther
Development of a range of functional bath gels and the process for their manufacture. (resum)	Codina Jiménez, David
Preliminary kinetics study of 5-nonanol intramolecular dehydration over an acidic macroporous ion-exchange resin. (resum) (dipòsit)	del Pozo Pòrtulas, Víctor
Presence and impact of microplastics in waters. (resum)	Díaz García , Albert
Study of the drying process of bamboo for constructive applications. (resum) (dipòsit)	Fernández Abad, David

CFD model of an experimental unit for CO2 adsorption from exhaust gases. (resum) (dipòsit)	Fernández Pizarro, Erika
Design of an antioxidant supplement for the agricultural industry. Selection of the process and the different equipment to create the production plant. (resum) (dipòsit)	Gannou Agadou, Youssef
Implementation of a Quality Management System according to the ISO / IEC 17025: 2017 regulation in the Emission Laboratory of SEAT S.A. (resum)	Giner Rabasco, Robert
Assessment and technical and economic comparison of the waste collection system of a rural municipality. (resum)	Gómez Arenós, Javier
Coagulants for water purification: selection of products and design of the manufacturing process. (resum) (dipòsit)	Gómez Armengol, Bernat
Resin process production description by AkzoNobel A&A Coatings®. CFD agitation-power number basic modeling approach using Ansys® Fluent. (resum)	Gomez Niquen, Ivan Leandro
Exergy study of carbon dioxide chemical absorption. (resum)	González Rodríguez, Ágata
Levulinic acid upgrade to γ -valerolactone by hydrogenation by using a bifunctional catalyst. (resum) (dipòsit)	Gutiérrez Campos, Eva
Customizable ultraviolet radiation dosimeter: Research and development. (resum) (dipòsit)	López Rodríguez, Sheila
Nonane production from levulinic acid as raw material from lignocellulosic biomass. (resum) (dipòsit)	Mas Novo, Julia

Study of cologne production process and improvement proposals to increase the production capacity. (resum) (dipòsit)	Meco Morales, Eric
Development technologies for Encapsulation of nanoemulsions. (resum)	Miravet Martín, Daniel
Numerical simulation of the descendent liquid film in a vertical tube. (resum) (dipòsit)	Montañes Puig, Maria
Development and evaluation of bioactive glass coatings obtained by thermal spray technology: State of the art. (resum) (dipòsit)	Montes Álvarez, Manuel Eduardo
Life cycle of a device: Mixer. (resum)	Moreno Cazadilla, Oscar
Glucose isomerization reaction to fructose over basic catalysts. (resum) (dipòsit)	Navas Hierro, Eduardo
Development of new forms of metformin administration. (resum)	Ollé Ramos, Albert
Esterification of levulinic acid with 1-butene over acidic ion-exchange resins: Operating conditions and thermodynamic study. (resum) (dipòsit)	Padilla Ortín, María
Design of a Methyl Methacrylate production plant. (resum) (dipòsit)	Palacios Ganzevles, Alexander
Study of Polyhydroxyalkanoates Production Processes. (resum) (dipòsit)	Peña Picola, Sergi

Research study of the operational parameters affecting the different Fenton processes to reduce the presence of dyes in textile effluents. (resum) (dipòsit)	Sales Alba, Albert
Study of polyhydroxyalkanoates production using acetic, propionic and butyric acids. (resum) (dipòsit)	Sánchez Fitschen, Miriam
Nitrogen recovery from urban wastewater by means of membranes technology. (resum) (dipòsit)	Serra Toro, Andreu
Tetraacetylenediamine (TAED): Development of a process and design of the basic engineering for its manufacture. (resum) (dipòsit)	Sierra Moreno, Maria
Comparison of Energy used by Side Columns and Conventional Columns for ternary mixture separation. (resum) (dipòsit)	Singh Kaur, Davinder
Battery Explosion Risk Analysis. (resum)	Solé Gamell, Alejandro
Best estimation procedure of a first order kinetic parameter from a batch reactor experiment. (resum)	Taixés García, Berta
Development of a lipstick range and the process for their manufacture. (resum) (dipòsit)	Valenzuela Aguilera, Javiera
Noise removal produced by stick-slip phenomenon in Inner Waist Belt. (resum)	Vicens Garrido, Maria
Developing of edible coatings for preservation of fresh-cut fruits. (resum) (dipòsit)	Vidal Carreras, Isabel Maria

Study on the permeability of ethanol in polyamide membranes. (resum) (dipòsit)	Villar Méndez, Robert
Study of ammonium permeation in forward osmosis membranes. (resum)	Yang, Yue