



## CURS 2017-2018

### Semestre de tardor

Títol en anglès	Alumne
Preliminary design of a batch process for the oxolamine citrate. ( <a href="#">resum</a> ) ( <a href="#">dipòsit</a> )	Iglesias Carmen, Elena
Emissions of Greenhouse Gases from a biowaste digester. ( <a href="#">resum</a> )	López Serralta, Laura
Efficiency assessment of chemical processes: Reactor and separation. ( <a href="#">resum</a> ) ( <a href="#">dipòsit</a> )	Marín González, Kevin
Contribution to the study of solvent recovery from reaction mediums. ( <a href="#">resum</a> )	Ríos Macedo, Álvaro
Study of the PolyHydroxyAlkanoate (PHA) production of urban biowastes. ( <a href="#">resum</a> )	Wang, Men Wei

## Semestre de primavera

Títol en anglès	Alumne
Discharge rates of particulate solids in silos. <a href="#">(resum)</a>	Alba Pedret, Albert
Modelling polymerization processes using ASPEN. <a href="#">(resum)</a>	Cabello Gallego, Ruben
Contribution to Kinetic modelling of lactose hydrolysis. <a href="#">(resum)</a>	Carbonell Chacón, Jordi
Review and experimental validation fo nanocellulose obtained by chemical treatments. <a href="#">(resum)</a>	Carrillo Gallego, Javier
Mechanisms to achieve sustainable consumption trough ecoinnovation. <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	Castañé Pou, Martí
Development of a process for Citicoline. <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	Caubera Moreno, Christian
Critical analysis of a published kinetic study: doi 10.1021/acs.iecr.6b00133. <a href="#">(resum)</a>	Del Rincón Álvarez, Eric
Anaerobic fermentation of OFMSW to produce Volatile Fatty Acids. <a href="#">(resum)</a>	Escobar Cruz, Antonio
Development of a hand sanitizer with moisturizing properties for medical use. <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	Espada Santana, Roger
Intensification potential of distillation columns sequences. <a href="#">(resum)</a>	Expósito González, Sergi
Effect of the experimental error on the estimation of kinetic parameters. <a href="#">(resum)</a>	Ferré March, Òscar

Design of an industrial process for the topiramate production. <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	Fonollà Segura, Núria
Process Validation of manufacturing process of solution NaOH 32% w/w according to EU GMP Part II <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	Galisteo Jorba, Clara
Study of butyl levulinate synthesis in the liquid-phase on the acidic ion-exchange resin Dowex 50Wx2. <a href="#">(resum)</a>	García Tautiva, Julián Camilo
Basic engineering of a batch plant for manufacturing butyl-Hydroxyanisole. <a href="#">(resum)</a>	Ge, Xuedan
Basic engineering of polyol polyester production process. <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	González Pujol, Xènia
Chromium recovery from electroplating sludge. <a href="#">(resum)</a>	González Ramón, Andreu
Matrix influence on the treatment of emerging pollutants by advanced oxidation processes. <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	Gutiérrez Fernández, Coral
Optimal Pressure for Pressure Swing Distillation. <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	Heydenreich Duró, Julia Amalia
Development of a pharmaceutical insulin product for treatment of diabetes mellitus. <a href="#">(resum)</a>	Hurtado Paús, Marc
Leaching of nickel and copper from electroplating sludges containing Ni-Fe and Ni-Cu-Cr. <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	Marquès Palomeras, Nil
Phosphorus recovery from digestates by crystallization to produce fertilizers. <a href="#">(resum)</a> <a href="#">(dipòsit)</a>	Martínez Carboneres, Ana
Means of generation of second generation bioethanol from lignocellulosic biomass. <a href="#">(resum)</a>	Martínez Escofet, Eric

Risk Assessment: Application to a storage, distribution and packaging LPG Plant. (resum)	Martínez Martínez, Gemma
Study of the influence of Buchi encapsulator input variables on properties of formed alginate beads. (resum) (dipòsit)	Núñez Aguilar, Noemí
Fluid circulation simulation in double pipe heat exchanger. (resum)	Olano Sánchez, Brigitta
Alginate-chitosan capsule formation by hydrocolloids: Direct and Reverse Spherification Methods. (resum)	Pereda Iriondo, Larraitz
The performance of Fenton and photo-Fenton processes to reduce the tartrazine dye content present in wastewater effluents. (resum)	Ribas García, Margalida
A contribution to the study of esterification of levulinic acid with butanol with simultaneous water removal on acidic ion-exchange resins. (resum)	Rovira Mora, Roger
Pectin-caseinate water in water emulsions: phase diagram and rheological behavior. (resum)	Sanjaume Figueras, Judit
Molecular Modelling of Industrial Gases Separation by Adsorption on Metal-Organic Framework. (resum) (dipòsit)	Tur Marí, Marta
Design of an instant cooler based on endothermic dissolution applied to a beer can. (resum)	Vélez Lucena, Cèlia
Bibliographical study of water-in-water emulsions and their stabilization. (resum) (dipòsit)	Viladomiu Jover, David