

CURS 2014-2015

Semestre tardor

Títol en anglès	Alumne
Treatment of mixed municipal-hospital wastewater effluents by ozonation. (resum)	Arnal Moreno, Joan
Design and scale up of a fermentation tank to produce different types of beer. (resum)	Baena Miret, Gerard
Simultaneous liquid-phase etherification of isobutene with ethanol and 1-butanol catalyzed by acidic ion-exchange resins. (resum)	Cañavera Rey, Silvia Juliana
Preparation of nut powders for its instantaneous dispersion. (resum)	Coll Campamà, Arnau
Criteria of selection thickeners for detergency product formulation. (resum)	Comí Rivera, Manel
Obtaining distillation and residue curves for nonideal ternary systems. (resum) (dipòsit)	Cruzado Valverde, Héctor
Comparative study of different hydrocolloid water solutions: lota carrageenan, acacia gum and starch. (resum)	Domènech Carboneras, Enric
Alternative methods for catalytic control of air pollution. (resum)	Gabriel Pla, Núria
Characterization of hydrophobic surfaces. (resum)	Giralt Vidal, Marta
Optimizing a glossy black Topcoat of direct adhesion on plastic substrates. (resum) (dipòsit)	Girart Pons, Catalina
Ceramic-polymer composites obtained by milling processes. (resum) (dipòsit)	Puigdemunt Areñas, Meritxell
Biocompatible composite coatings obtained by Cold Gas Spray. (resum)	Rodríguez Morillo, Raquel
Route Cause Failure Analysis and Study of an Air/Water Aftercooler in a Centrifugal Compressor. (resum)	Varea Hidalgo, Javier
Application of SUPERPRO Designer program for designing a reaction distillation batch system. (resum)	Vilar Torra, Sergi



Semestre primavera

Títol en anglès	Alumne
Bioplastic production from wastes and wastewater. (resum) (dipòsit)	Alcaraz Cercós, Esther
Simulation of heat exchange and flow for a fluid circulating perpendicularly to tubes, using CFD (ANSYS) . (resum)	Arellano Valenzuela, Aitor
Computer Fluid Dynamics: Assessment of the use of ANSYS® in chemical engineering and resolution of a case study. (resum)	Botella Tapiador, Enric
Comparison of materials and electrochemical processes for the treatment of industrial wastewaters. (resum)	Cabezas Martínez, Daniel
Recovery of Gasoline Vapors in Gasoline Service Station. (resum)	Carnero Bondia, Alba
Synthesis of mesoporous silica nanoparticles with large pores. (resum)	Cervantes Rodríguez, Delia
Contribution to the study of butyl acrylate synthesis from butanol and acrylic acid using a process simulator. (resum)	García González, Alberto
Study of the behavior of a stainless steel in severe environments. (resum)	Gil Barberà, Roger
Thermal treatment and properties relationship with brittle phases in duplex and superduplex stainless steels. (resum) (dipòsit)	González Mayorca, Daniella
Degradation of diphenhydramine by hydrogen peroxide photochemical process. (resum)	Gordo Rodríguez, Marcos
450 mL Dewar validation to assess the compostability of different materials. (resum)	Jordan Bayod, Ignasi
Study of the behaviour of an aluminium alloy in severe environments. (resum)	Macià Diaz, Montserrat
Walnut oil encapsulation as protection against oxidation. (resum)	Manjón Espot, Abel
Use of the HINT program to optimize heat exchangers networks. (resum)	Marín Jiménez, Alejandro
Etherification of furfuryl alcohol to butyl levulinate, an oxygenate of second generation. (resum) (dipòsit)	Massanet López, Júlia Alba
Immision determination from stacks analysed by Computer Fluid Dynamics . (resum)	Mateos Pérez, Núria



Comparison between NH ₃ and MEA as CO ₂ absorbers. (resum)	Méndez Álvarez, Cristina
Use of ion exchange column to obtain ordered mesoporous materials. (resum) (dipòsit)	Méndez Lisón, Cristian
Study and application of an Fe/Alginate heterogeneous catalyst for photo-Fenton reaction at neutral pH. (resum)	Novo Martínez, Laura
Simulation of the acetic acid dehydration collected from terephthalic acid production. (resum) (dipòsit)	Ortuño Boter, Daniel
Distillation pressure influence on Total Site. (resum)	Oslé Martínez-Conde, Ana
Obtaining levulinic acid from fructose over acidic ion-exchange resins catalysts. (resum) (dipòsit)	Paco Gúell, Àlex
Economic saving assessment in a warehouse climatized taking advantage of the system thermal inertia. (resum)	Rodríguez Osorio, Genís
Autotrophic removal of nitrogen from wastewater: future trends. (resum) (dipòsit)	Saladrich Català, Cristina
Simulation of a fosfomycin trometamol industrial batch process.. (resum)	Sánchez Blanco, Cristina
Contribution to the study of electronic decapsulation. (resum) (dipòsit)	Sánchez López, Sergi
Analysis and optimization of the production cycles in ion exchange process. (resum)	Sintes Escolà, Damián
A contribution to the study of butyl levulinate synthesis in the liquid-phase on ion-exchange resins.. (resum) (dipòsit)	Tejero Iborra, M. Àngels
State of the art of lactose-free milk processes and design of a plate heat exchanger for heat treatment. (resum) (dipòsit)	Valero Villarón, Alba
Preparation and characterization of iota carrageenan spheres gelled by calcium ions.. (resum) (dipòsit)	Zhu Dai, David