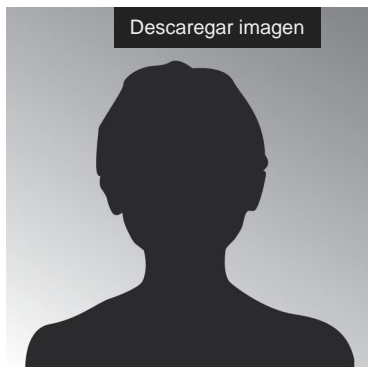




Antoni Rius Carrasco

Dades personals-contacte / Datos personales-contacto / Personal information-contact



Antoni Rius Carrasco

ry:

Professor Agregat / Profesor Agregado / Associate professor

Química analítica / Química analítica/ Analytical chemistry

/Department:

Química / Química / Chemistry

Centre/Centro/Center:

Escola Politècnica Superior / Escuela Politècnica Superior/ Polyt

Despatx/Despacho/Office:

Campus Igualada. Despatx 7 /Campus Igualada. Despacho 7 /C
7



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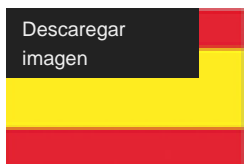


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Formació acadèmica / Formación académica / Academic training

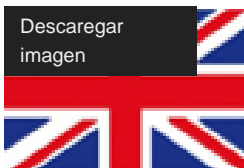


Doctor en química



Doctor en química

PhD in chemistry

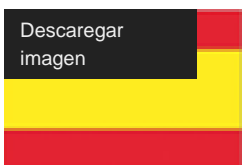


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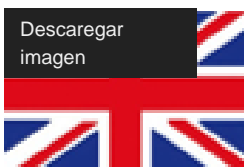
Experiència professional / Experiencia profesional / Professional experience



- Patentes y novedades SL: 1988-1989
- Polialco SA: 1989-1990
- Professor de la UPC: 1990-2018
- Professor de la UdL: 2018-...



- Patentes y novedades SL: 1988-1989
- Polialco SA: 1989-1990
- Professor de la UPC: 1990-2018
- Professor de la UdL: 2018-...



- Patentes y novedades SL: 1988-1989
- Polialco SA: 1989-1990
- Lecturer at UPC: 1990-2018
- Lecturer at UdL: 2018-...

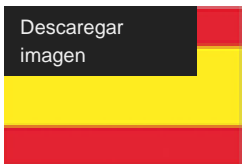


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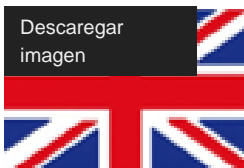
Docència / Docencia / Teaching



- Grau en Enginyeria Química



- Grado en Ingeniería Química



- Degree in chemical engineering

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Gestió / Gestión / Management



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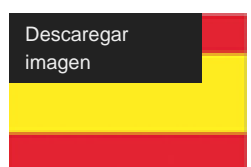
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Recerca / Investigación / Research

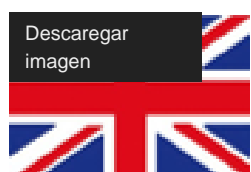
Àmbit de recerca / Ambito de investigación / Research area



- Valorització de bioresidus de la indústria agroalimentària, especialment de la producció del safrà.
- Economia circular



- Valorización de bioresiduos de la industria agroalimentaria, especialmente de la producción de azafran.
- Economía circular



- Bioresidues valorization for the agrofood industry, especialy in saffron production.
- Circular economy

Activitats de recerca / Actividades de investigación / Research activities



- Projectes europeus:
 - FENIX: Finding regional environmental life cycle information on packaging waste management thorough flexible software tools and databases. European Commission. 2010-2012.

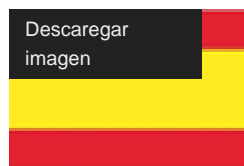
Projectes recents:



- PID2019-110735RB-C21: APLICACION DE DISOLVENTES IONICOS EUTECTICOS BASADOS EN PRODUCTOS NATURALES A LA VALORIZACION DE BIOMASA NO ALIMENTARIA
- PID2019-104925RB-C32: ESTRATEGIAS RELACIONADAS CON LA CIRCULARIDAD Y LA EFICIENCIA DE LOS RECURSOS DE SISTEMAS ALIMENTARIOS

Publicacions recents:

- Gonzalez, A.; Riba, J.; Esteban, B.; Rius, A. Environmental and cost optimal design of abiomassWindPV electricity generation system. Renewable energy , 126, 420 430, 2018.
- González, A.; Riba, J.; Rius, A. Combined heat and power design based on environmental and cost criteria. Energy, 116, 922 932, 2016.
- Gonzalez, A.; Riba, J.; Rius, A. Optimal sizing of a hybrid grid-connected photovoltaicwind biomass power system. Sustainability, 7, 12787 12806, 2015.
- Gonzalez, A.; Riba, J.; Rius, A.; Puig, R. Optimal sizing of a hybrid grid-connected photovoltaic and wind power system. Applied energy, 154, 752 762, 2015.



Proyectos europeos:

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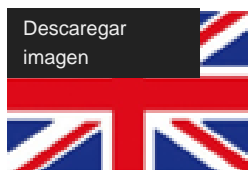
Proyectos recientes:

- PID2019-110735RB-C21: APLICACION DE DISOLVENTES IONICOS EUTECTICOS BASADOS EN PRODUCTOS NATURALES A LA VALORIZACION DE BIOMASA NO ALIMENTARIA
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European projects:



- FENIX: Finding regional environmental life cycle information on packaging waste management through flexible software tools and databases. European Commission. 2010-2012.

Recent projects:

- PID2019-110735RB-C21: APLICACION DE DISOLVENTES IONICOS EUTECTICOS BASADOS EN PRODUCTOS NATURALES A LA VALORIZACION DE BIOMASA NO ALIMENTARIA
- PID2019-104925RB-C32: ESTRATEGIAS RELACIONADAS CON LA CIRCULARIDAD Y LA EFICIENCIA DE LOS RECURSOS DE SISTEMAS ALIMENTARIOS

Papers:

- Gonzalez, A.; Riba, J.; Esteban, B.; Rius, A. Environmental and cost optimal design of abiomassWindPV electricity generation system. Renewable energy , 126, 420 430, 2018.
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