

# JESÚS GONZÁLEZ LÓPEZ

Grupo de Investigación: MICROBIOLOGIA AMBIENTAL (Cod.: RNM270)

Departamento: Universidad de Granada. Microbiología

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Código ORCID: <http://orcid.org/0000-0003-0457-5453>

RG: [https://www.researchgate.net/profile/Jesus\\_Gonzalez-Lopez](https://www.researchgate.net/profile/Jesus_Gonzalez-Lopez)

Correo electrónico: [jgl@ugr.es](mailto:jgl@ugr.es)

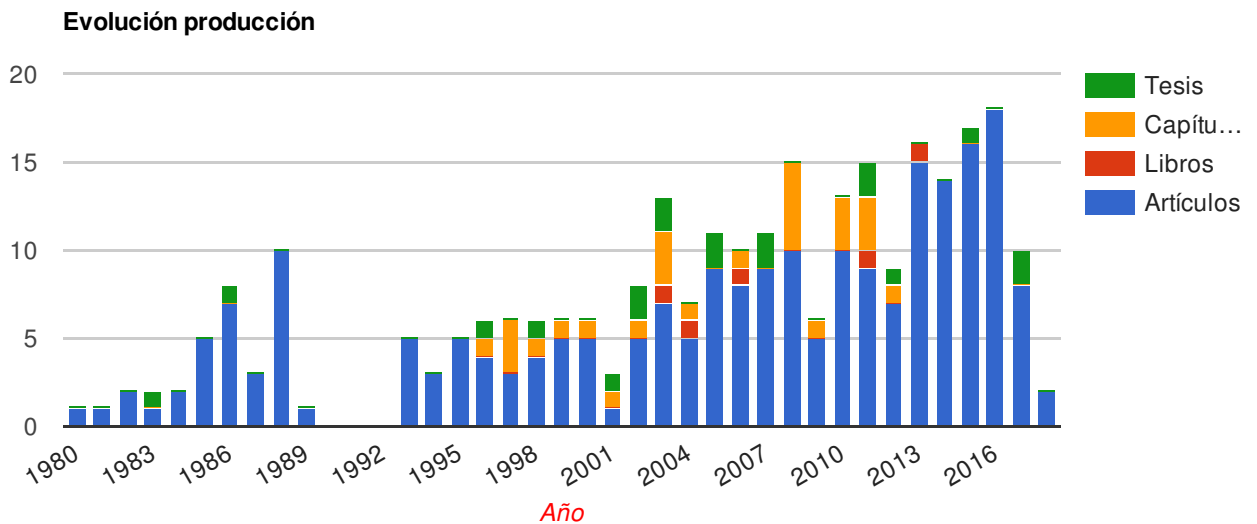
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Ficha del Directorio

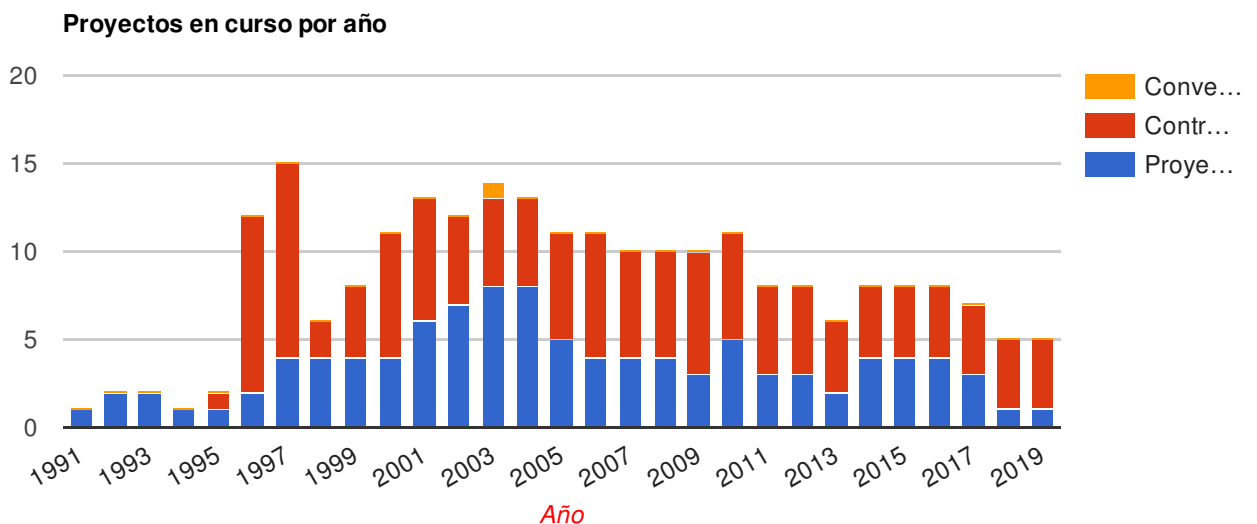
## Producción 276

Artículos (225) Libros (5) Capítulos de Libros (27) Tesis dirigidas (19)



## Proyectos dirigidos 57

Proyectos (29) Contratos (27) Convenios (1)



## Actividades 0

<b>Título publicación</b>	<b>Fuente</b>	<b>Tipo</b>	<b>Fecha</b>
Degradation of bisphenol a by different thermo-tolerant ascomycete strains isolated from arid soils	Ecotoxicology and environmental safety	Articulo	2018
Effect of semi-permeable cover system on the bacterial diversity during sewage sludge composting	Journal of environmental management	Articulo	2018
16s rna gene-based characterization of bacteria potentially associated with phosphate and carbonate precipitation from a granular autotrophic nitrogen removal bioreactor	Applied microbiology and biotechnology	Articulo	2017
A comparative study of adhesion by bacterial isolates of marine origin	International biodeterioration & biodegradation	Articulo	2017
Bsocial: deciphering social behaviours within mixed microbial populations	Frontiers in microbiology	Articulo	2017
Biorremediación de aguas contaminadas con hidrocarburos mediante sistemas bio-absorbentes	Universidad de granada. instituto universitario de investigación del agua	Tesis doctoral	2017
Biotreatment of industrial olive washing water by sinergetic association of microalgal-bacterial consortia in a photobioreactor	Environmental science and pollution research	Articulo	2017
Cultivo y utilización de microorganismos fotosintéticos psicrófilos obtenidos de laguna de la caldera en parque nacional de sierra nevada para su potencial utilización en biotecnología	Facultad de farmacia, universidad de granada	Tesis doctoral	2017
Full-scale photobioreactor for biotreatment of olive washing water: structure and diversity of the microalgae-bacteria consortium	Bioresource technology	Articulo	2017
Overview on the biochemical potential of filamentous fungi to degrade pharmaceutical compounds	Frontiers in microbiology	Articulo	2017
Performance and bacterial community structure of a granular autotrophic nitrogen removal bioreactor amended with high antibiotic concentrations	Chemical engineering journal	Articulo	2017
Performance and kinetics of membrane and hybrid moving bed biofilm-membrane bioreactors treating salinity wastewater	Aiche journal	Articulo	2017
An extractive membrane biofilm reactor as alternative technology for the treatment of methyl tert-butyl ether contaminated water	Biotechnology progress	Articulo	2016
Archaeal and bacterial community dynamics and bioprocess performance of a bench-scale two-stage anaerobic digester		Articulo	2016
Biotreatment of industrial olive washing water by synergetic association of microalgal-bacterial consortia in a photobioreactor		Articulo	2016
Community structure, population dynamics and diversity of fungi in a full-scale membrane bioreactor (mbr) for urban wastewater treatment.	Water research	Articulo	2016
Comparison of bacterial communities of conventional and a-stage activated sludge systems		Articulo	2016
Detection of comammox bacteria in full-scale wastewater treatment bioreactors using tag-454-pyrosequencing	Environmental science and pollution research	Articulo	2016
Draft genome sequence of paenibacillus etheri sp. nov. sh7t, a methyl tert-butyl ether degrader	Genome announcements	Articulo	2016
Impact of methionine on a partial-nitritation biofilter	Environmental science and pollution research	Articulo	2016
Influence of salinity on fungal communities in a submerged fixed bed bioreactor for wastewater treatment.	Chemical engineering journal	Articulo	2016

Interlinkages between bacterial populations dynamics and the operational parameters in a moving bed membrane bioreactor treating urban sewage	Water research	Articulo	2016
Membrane fouling of a hybrid moving bed membrane bioreactor plant to treat real urban wastewater	Chemical engineering and processing: process intensification	Articulo	2016
<i>Paenibacillus etheri</i> sp. nov., able to growth on media supplemented with methyl tert-butyl ether (mtbe) isolated from hydrocarbon contaminated soil.	International journal of systematic and evolutionary microbiology	Articulo	2016
Plant drought tolerance enhancement by trehalose production of desiccation-tolerant microorganisms	Frontiers in microbiology	Articulo	2016
Process performance and bacterial community dynamics of partial nitritation biofilters subjected to different concentrations of cysteine amino acid	Biotechnology progress	Articulo	2016
Response of autochthonous microbiota of diesel polluted soils to land- farming treatments	International biodeterioration & biodegradation	Articulo	2016
Study of bacterial community structure and diversity during the maturation process of a therapeutic peloid.	Applied clay science	Articulo	2016
The ratio of metabolically active versus total mycolata populations triggers foaming in a membrane bioreactor.	Water research	Articulo	2016
Toxicity and biofilm-based selection for methyl tert-butyl ether bioremediation technology	Water science and technology	Articulo	2016
454-pyrosequencing analysis of bacterial communities from autotrophic nitrogen removal bioreactors utilizing universal primers: effect of annealing temperature	Biomed research international	Articulo	2015
454-pyrosequencing analysis of bacterial communities from autotrophic nitrogen removal bioreactors utilizing universal primers: effect of annealing temperature	Biomed research international	Articulo	2015
Autochthonous microbial responses and hydrocarbons degradation in polluted soil during biostimulating treatments under different soil moisture. assay in pilot plant	International biodeterioration & biodegradation	Articulo	2015
Bacterial community structure of a lab-scale anammox membrane bioreactor	Biotechnology progress	Articulo	2015
Comparison of bacterial diversity in full scale anammox bioreactors operated under different conditions	Biotechnology progress	Articulo	2015
Effect of methionine amino acid over the performance process and bacterial community structure of a partial bench-scale nitritation biofilter	Amino acids	Articulo	2015
Effect of salinity on nitrification efficiency and structure of ammonia-oxidizing bacterial communities in a submerged fixed bed bioreactor	Chemical engineering journal	Articulo	2015
Estudio biológico de los sistemas de biorreactores de membrana extractiva con desarrollo de biopelícula para el tratamiento de agua subterránea contaminada con oxigenantes de las gasolinas	Universidad de granada	Tesis doctoral	2015
Genome sequence of <i>arthrobacter koreensis</i> 5j12a, a plant growth-promoting and desiccation-tolerant strain.	Genome announcements	Articulo	2015
Genome sequence of <i>arthrobacter siccitolerans</i> 4j27, a xeroprotectant-producing desiccation-tolerant microorganism	Genome announcements	Articulo	2015
Genome sequence of <i>leucobacter</i> sp. 4j7b1, a plant-osmoprotectant soil microorganism		Articulo	2015
Genome sequence of <i>microbacterium</i> sp. strain 3j1, a highly desiccation-tolerant bacterium that promotes plant growth.	Genome announcements	Articulo	2015
Linking operation parameters and environmental variables to population dynamics of mycolata in a membrane bioreactor	Bioresource technology	Articulo	2015

population dynamics of mycolata in a membrane bioreactor			
Microbial community analysis of a full-scale demon bioreactor	Bioprocess and biosystems engineering	Articulo	2015
Nitrogen removal in a moving bed membrane bioreactor for municipal sewage treatment: community differentiation in attached biofilm and suspended biomass	Chemical engineering journal	Articulo	2015
Physiological and genetic screening methods for the isolation of methyl tert-butyl ether-degrading bacteria for bioremediation purposes	International biodeterioration & biodegradation	Articulo	2015
Physiological and genetic screening methods for the isolation of methyl tert-butyl ether-degrading bacteria for bioremediation purposes	International biodeterioration & biodegradation	Articulo	2015
Biotreatment of olive washing wastewater by a selected microalgal-bacterial consortium	International biodeterioration & biodegradation	Articulo	2014
Biological and chemical analysis of a laboratory-scale biofilter for oxygenate bioremediation in simulated groundwater spills	International journal of environmental science and technology	Articulo	2014
Biotreatment of olive washing wastewater by a selected microalgal-bacterial consortium	International biodeterioration & biodegradation	Articulo	2014
Comparative kinetics of hybrid and pure moving bed reactor-membrane bioreactors	Ecological engineering	Articulo	2014
Comparative kinetics of hybrid and pure moving bed reactor-membrane bioreactors	Ecological engineering	Articulo	2014
Effect of the injection of pure oxygen into a membrane bioreactor on the elimination of bisphenol a	International journal of environmental science and technology	Articulo	2014
Effect of ciprofloxacin antibiotic on the partial-nitrification process and bacterial community structure of a submerged biofilter	Science of the total environment	Articulo	2014
Exploring the links between population dynamics of total and active bacteria and the variables influencing a full-scale membrane bioreactor (mbr).	Bioresource technology	Articulo	2014
Influence of hydraulic retention time on heterotrophic biomass in a wastewater moving bed membrane bioreactor treatment plant	International journal of environmental science and technology	Articulo	2014
Novel membrane materials for reverse osmosis desalination		Articulo	2014
Precipitation of carbonate crystals by bacteria isolated from a submerged fixed-film bioreactor used for the treatment of urban wastewater	International journal of environmental research	Articulo	2014
Precipitation of phosphate minerals by microorganisms isolated from a fixed-biofilm reactor used for the treatment of domestic wastewater	International journal of environmental research and public health	Articulo	2014
Quantitative response of nitrifying and denitrifying communities to environmental variables in a full-scale membrane bioreactor.	Bioresource technology	Articulo	2014
Reverse osmosis seawater desalination: current satatus of membrane systems	Desalination and water treatment	Articulo	2014
Arthrobacter siccitolerans sp. nov., a highly desiccation-tolerant, xeroprotectant-producing strain isolated from dry soil.	International journal of systematic and evolutionary microbiology	Articulo	2013
Biodegradation of olive washing wastewater pollutants by highly efficient phenol-degrading strains selected from adapted bacterial community	International biodeterioration & biodegradation	Articulo	2013
Biodegradation of olive washing wastewater pollutants by			

Biodegradation of olive washing wastewater pollutants by highly efficient phenol-degrading strains selected from adapted bacterial community	International biodeterioration & biodegradation	Articulo	2013
Bacterial communities' structure in a high mountain lake during the ice-free season: cultural and pcr-tgge investigations	International journal of environmental research	Articulo	2013
Bacterial communities' structure in a high mountain lake during the ice-free season: cultural and pcr-tgge investigations	International journal of environmental research	Articulo	2013
Beneficial plant-microbe interactions: ecology and applications	Crc press	Libros	2013
Bioremediation of diesel-polluted soil using biostimulation as post-treatment after oxidation with fenton-like reagents: assays in a pilot plant	Science of the total environment	Articulo	2013
Comparative analysis of the enzyme activities and the bacterial community structure based on the aeration source supplied to an mbr to treat urban wastewater	Journal of environmental management	Articulo	2013
Comparative analysis of the enzyme activities and the bacterial community structure based on the aeration source supplied to an mbr to treat urban wastewater	Journal of environmental management	Articulo	2013
Effect of the operative variables on the treatment of wastewater polluted with phthalo blue by h2o2/uv process	Water, air, and soil pollution	Articulo	2013
Effects of scale-up on a hybrid moving bed biofilm reactor membrane bioreactor for treating urban wastewater	Chemical engineering science	Articulo	2013
Enzymatic activities in a moving bed membrane bioreactor for real urban wastewater treatment: effect of operational conditions	Ecological engineering	Articulo	2013
Linking hydrolytic activities to variables influencing a submerged membrane bioreactor (mbr) treating urban wastewater under real operating conditions	Water research	Articulo	2013
Precipitation of carbonates by bacteria isolated from wastewater samples collected in a conventional wastewater treatment plant	International journal of environmental science and technology	Articulo	2013
Removal and degradation characteristics of quinolone antibiotics in laboratory-scale activate sludge bioreactors under aerobic, nitrifying and anoxic conditions	Journal of environmental management	Articulo	2013
Removal of quinolone antibiotics from wastewaters by sorption and biological degradation in laboratory-scale activate sludge bioreactors	Science of the total environment	Articulo	2013
Application of selected consortia combined with inorganic and oleophilic fertilizer to recuperate oil polluted soil using land farming technology	Clean technologies and environmental policy	Articulo	2012
Comparative kinetic study of carrier type in a moving bed system applied to organic matter removal in urban wastewater treatment	Water, air, and soil pollution	Articulo	2012
Comparative analysis of the bacterial diversity in a lab-scale moving bed biofilm reactor (mbbr) applied to treat urban wastewater under different operational conditions	Bioresource technology	Articulo	2012
Estudio de la evolución, comportamiento y eliminación de antibióticos y disruptores endocrinos químicos en un biorreactor de membrana. implicaciones ambientales	Facultad de ciencias, universidad de granada	Tesis doctoral	2012
Effect of salinity on enzymatic activities in a submerged fixed bed biofilm reactor for municipal sewage treatment	Bioresource technology	Articulo	2012
Influence of pure oxygen or air to supply the aerobic conditions in membrane bioreactor in the recovery of	Procedia engineering	Articulo	2012

permeability of the membrane			
Influence of the temperature in the permeate flux of the membrane in a membrane bioreactor with moving bed biofilm reactor	Procedia engineering	Articulo	2012
Treatment of diesel-polluted clay soil employing combined biostimulation in microcosms	International journal of environmental science and technology	Articulo	2012
Wastewater valorization of olive oil production: a biotechnological approach for biopolymer production	Current topics in biotechnology	Capítulo de libro	2012
Analysis of microbial communities developed on the fouling layers of a membrane-coupled anaerobic bioreactor applied to wastewater treatment.	Bioresource technology	Articulo	2011
Biofilm formation and microbial activity in a biofilter system in the presence of mtbe, etbe and tame	Chemosphere	Articulo	2011
Bioresources for third generation biofuels.	Intech open access publisher	Libros	2011
Characterization of bacterial communities exposed to cr (iii) and pb (ii) in submerged fixed-bed biofilms for groundwater treatment.	Ecotoxicology	Articulo	2011
Comparative analysis of microbial dna extraction protocols for groundwater samples	Analytical biochemistry	Articulo	2011
Contribución de los microorganismos en el mantenimiento de la biodiversidad en suelos áridos y semiáridos	lii congreso nacional de biodiversidad	Capítulo de libro	2011
Desarrollo y estudio biológico de un sistema de bajo costo para el tratamiento de aguas subterráneas contaminadas con compuestos oxigenantes de gasolinas: mtbe, etbe y tame	Universidad de granada	Tesis doctoral	2011
Kinetic study and oxygen transfer efficiency evaluation using respirometric methods in a submerged membrane bioreactor using pure oxyge to supply the aerobic conditions.	Bioresource technology	Articulo	2011
Microbial diversity of biofilm technologies used for water treatment	Advances in medicine and biology	Capítulo de libro	2011
Phas production by strains belonging to massilia genus from starch	Starch	Articulo	2011
Producción de poliésteres biopoliméricos (phas) desde alpeorujo por medio de bacterias fijadoras de nitrógeno	Universidad de granada	Tesis doctoral	2011
Submerged filter biofilm formation by nitrate-contaminated groundwater microbiotai	Journal of environmental science and health. part a: toxic hazardous substances and environmental engineering	Articulo	2011
Submerged filter biofilm formation by nitrate-contaminated groundwater microbiota	Journal of environmental science and health. part a: toxic hazardous substances and environmental engineering	Articulo	2011
Treatment of effluents polluted by nitrogen with new biological technologies	Recent patents on biotechnology	Articulo	2011
Usos de los lodos en la agricultura: implicaciones ambientales	Fundamentos y aplicaciones agroambientales de las interacciones beneficiosas plantas-microorganismos	Capítulo de libro	2011
Biodegradative potential and characterization of bioemulsifiers of marine bacteria isolated from samples of seawater, sediment and fuel extracted at 4000 m of depth (prestige wreck)	International biodeterioration & biodegradation	Articulo	2010

Biological treatment of two-phase olive mill wastewater (tpomw, alpeorujo): polyhydroxyalkanoates (phas) production by azotobacter strains.	Journal of microbiology and biotechnology	Artículo	2010
Biostimulation combined treatments for remediation of diesel contaminated soil	Environmental toxicology iii	Capítulo de libro	2010
Influence of linear alkylbenzene sulfonate (las) on the structure of alphaproteobacteria, actinobacteria, and acidobacteria communities in a soil microcosm.	Environmental science and pollution research	Artículo	2010
Metabolic characterization of a strain (bm90) of delftia tsuruhatensis showing highly diversified capacity to degrade low molecular weight phenols.	Biodegradation	Artículo	2010
Microbial enzymatic activities in a pilot-scale mbr experimental plant under different working conditions	Bioresource technology	Artículo	2010
Microbial enzymatic activities in a pilot-scale mbr experimental plant under different working conditions	Bioresource technology	Artículo	2010
New isolation method of desiccation-tolerant microorganisms for the bioremediation of arid and semiarid soils	Environmental toxicology iii	Capítulo de libro	2010
Particle size distribution in permeate from a pilot-scale membrane bioreactor systems under actual operating conditions	Particulate science and technology	Artículo	2010
Performance of bench-scale membrane bioreactor under real work conditions using pure oxygen: viscosity and oxygen transfer analysis	Bioprocess and biosystems engineering	Artículo	2010
Plant growth promoting rhizobacteria for protection against drought	Biological nitrogen fixation and plant-associated microorganisms	Capítulo de libro	2010
Rapid method for isolation of desiccation-tolerant strains and xeroprotectans	Applied and environmental microbiology	Artículo	2010
Structure of archaeal communities in membrane-bioreactor and submerged-biofilter wastewater treatment plants.	Bioresource technology	Artículo	2010
Application of bioemulsifiers in soil oil bioremediation processes. future prospects	Science of the total environment	Artículo	2009
Effect of biomass concentration on the performance of a mbr system: studies of microbial communities	Desalination and water treatment	Artículo	2009
Effect of temperature over start-up of a groundwater-denitrifying submerged filter inoculated with psychrotolerant bacteria.	Journal of environmental science and health. part a: toxic hazardous substances and environmental engineering	Artículo	2009
Microbial community structure and dynamics in a pilot-scale submerged membrane bioreactor aerobically treating domestic wastewater under real operation conditions	Science of the total environment	Artículo	2009
Response of soil enzymes to linear alkylbenzene sulfonate (las) addition in soil microcosms	Soil biology & biochemistry	Artículo	2009
Tratamiento de aguas residuales con salinidad variable.	Vi jornadas de transferencia de tecnología sobre microbiología del fango activo	Capítulo de libro	2009
A review of the taxonomy and possible screening traits of plant growth-promoting rhizobacteria.	Plant-bacteria interactions. strategies and techniques to promote plant growth	Capítulo de libro	2008
A review on the taxonomy and possible screening traits of plant growth promoting rhizobacteria	Plant-bacteria interactions. strategies and techniques to promote plant growth	Capítulo de libro	2008
Biodiesel: an alternative fuel		Artículo	2008
Effect of linear alkylbenzene sulfonates on the growth of			

aerobic heterotrophic cultivable bacteria isolated from an agricultural soil	Ecotoxicology	Artículo	2008
Effects of hydraulic retention time, temperature, and mlss concentration on the effluent quality of a membrane bioreactor	Wit transactions on ecology and the environment	Artículo	2008
Efficiency of the eps emulsifier produced by ochrobactrum anthropi in different hydrocarbon bioremediation assays	Journal of industrial microbiology and biotechnology	Artículo	2008
Estudios de biotransformación y efectos del sulfonato de alquilbenceno lineal (las) sobre la biodiversidad bacteriana en suelos	Agua y cultura. vii simposio sobre el agua en andalucia	Capítulo de libro	2008
Flux influence on membrane fouling in a membrane bioreactor system under real conditions with urban wastewater	Journal of environmental science and health. part a: toxic hazardous substances and environmental engineering	Artículo	2008
Gas chromatographic-mass spectrometric study of the degradation of phenolic compounds in wastewater olive oil by azotobacter chroococcum	Bioresource technology	Artículo	2008
Influence of temperature on inoculation and startup of a groundwater-denitrifying submerged filter	Environmental engineering science	Artículo	2008
Production of chitinolytic enzymes by a strain (bm17) of paenibacillus pabuli isolated from crab shells samples collected in the east sector of central tyrrhenian sea.	International journal of biological macromolecules	Artículo	2008
Quorum-sensing language in bacteria and its relevance in their interactions with plants	Soil ecology research developments	Capítulo de libro	2008
Selection and identification of bacterial strains with methyl-tert-butyl ether, ethyl-tert-butyl ether, and tert-amyl methyl ether degrading capacities	Environmental toxicology and chemistry	Artículo	2008
When can surfactants enhance hydrocarbons biodegradation in oil biotreatments?	Environmental toxicology ii	Capítulo de libro	2008
When can surfactants enhance hydrocarbons biodegradation in oil biotreatments?	Environmental toxicology and chemistry	Artículo	2008
Biological nitrogen and phenol removal from saline industrial wastewater by submerged fixed-film reactor	Journal of hazardous materials	Artículo	2007
Dominance of sphingomonads in a copper-exposed biofilm community for groundwater treatment.	Microbiology	Artículo	2007
Efecto de la temperatura en la eliminación de nitrato de aguas subterráneas contaminadas mediante sistemas de biopelícula.	Tecnología del agua	Artículo	2007
Effect of th mixed liquor suspended solid on permeate in a membrane bioreactor system applied for the treatment of sewage mixed with wastewater if the milk from the dairy industry.	Journal of environmental science and health. part a: toxic hazardous substances and environmental engineering	Artículo	2007
Effect of the concentration of suspended solids on the enzymatic activities and biodiversity of a submerged membrane bioreactor for aerobic treatment of domestic wastewater	Applied microbiology and biotechnology	Artículo	2007
Estudio de los procesos microbianos implicados en el tratamiento de aguas residuales urbanas mediante biorreactores de membrana sumergida	Universidad de granada. microbiología	Tesis doctoral	2007
Influence of temperature on microbial colonisation of clayey schist as a support media of a submerged filter for groundwater denitrification	Water science and technology	Artículo	2007
Influencia de la temperatura sobre la desnitrificación de aguas subterráneas contaminadas mediante filtros sumergidos	Universidad de granada. ingeniería civil	Tesis doctoral	2007



sumergidos			
Rejection of endocrine disrupting compounds (bisphenol a, bisphenol f and triethyleneglycol dimethacrylate) by membrane technologies	Desalination	Articulo	2007
Removal of organic load from olive washing water by an aerated submerged biofilter and profiling of the bacterial community involved in the process	Journal of microbiology and biotechnology	Articulo	2007
Screening for extracellular enzyme activities by bacteria isolated from samples collected in the tyrrhenian sea	Annals of microbiology	Articulo	2007
Analysis of community composition of biofilms in a submerged filter system for the removal of ammonia and phenol from industrial wastewater	Biochemical society transactions	Articulo	2006
Determination of polyphenolic compounds in wastewater olive oil by gas chromatography-mass spectrometry	Talanta	Articulo	2006
El mecanismo de percepción de quorum: importancia en las interacciones simbióticas entre bacterias y plantas leguminosas.	Fijación biológica de nitrógeno: fundamentos y aplicaciones	Capítulo de libro	2006
Fijación de nitrógeno: fundamentos y aplicaciones	Sociedad española de fijación de nitrógeno	Libros	2006
Growth and denitrifying activity of xanthobacter autotrophicus cect 7064 in the presence of selected pesticides	Applied microbiology and biotechnology	Articulo	2006
Influence of pesticides and herbicides presence on phosphatase activity and selected bacterial microbiota of a natural lake system	Ecotoxicology	Articulo	2006
Reactores biológicos de membranas sumergidas en la depuración de aguas residuales urbanas	Infoenviro	Articulo	2006
Selection and identification of bacteria isolated from waste crude oil with polycyclic aromatic hydrocarbons removal capacities	Systematic and applied microbiology	Articulo	2006
Selection and identification of bacteria isolated from waste crude oil with polycyclic aromatic hydrocarbons removal capacities	Systematic and applied microbiology	Articulo	2006
Tgge analysis of the diversity of ammonia-oxidizing and denitrifying bacteria in submerged filter biofilms for the treatment of urban wastewater	Applied microbiology and biotechnology	Articulo	2006
Caracterización a nivel genético y molecular de la producción de bacteriocina por rhizobium leguminosarum bv. viciae cepa z25	Universidad de granada. microbiología	Tesis doctoral	2005
Denitrifying activity of xanthobacter autotrophicus strains isolated from a submerged fixed-film reactor.	Applied microbiology and biotechnology	Articulo	2005
Eliminación de metales pesados de aguas subterráneas mediante sistemas de lechos sumergidos: estudio microbiológico de las biopelículas	Universidad de granada. microbiología	Tesis doctoral	2005
Growth and denitrifying activity of xanthobacter autotrophicus cect 7064 in the presence of selected pesticides	Applied microbiology and biotechnology	Articulo	2005
Growth of azotobacter chroococcum in chemically defined media containing p-hydroxybenzoic acid and protocatechuic acid	Chemosphere	Articulo	2005
Identification of bacteria isolated from an oligotrophic lake with pesticide removal capacities	Ecotoxicology	Articulo	2005
Influence of inocula over start up of a denitrifying submerged filter applied to nitrate contaminated groundwater treatment.	Journal of hazardous materials	Articulo	2005

Inoculation of a submerged filter for biological denitrification of nitrate polluted groundwater: a comparative study	Journal of hazardous materials	Articulo	2005
Isolation and characterization of azotobacter and azospirillum strains from the sugarcane rhizosphere	Plant and soil	Articulo	2005
Liberation of amino acids by heterotrophic nitrogen fixing bacteria.	Amino acids	Articulo	2005
Production of amino acids by azotobacter vinelandii and azotobacter chroococcum with phenolic compounds as sole carbon source under diazotrophic and adiazotrophic conditions	Amino acids	Articulo	2005
Biotechnology of bioemulsifiers produced by microorganims	Journal of food, agriculture and environment	Articulo	2004
Nitrogen removal from saline high nitrate industrial wastewater containing phenol	Fresenius environmental bulletin	Articulo	2004
Nuevos confines de la fijación biológica de nitrógeno	Editorial universidad de granada	Libros	2004
Pesticides and denitrifying microbiota.	Trends in soil science, vol. iiii	Capítulo de libro	2004
Production of amino acids by rhizobium, mesorhizobium and sinorhizobium strains in chemically defined media.	Amino acids	Articulo	2004
Surfactant activity of a naphthalene degrading bacillus pumilus strain isolated from oil sludge	Journal of biotechnology	Articulo	2004
Tratamiento de efluentes industriales con alta carga en compuestos nitrogenados y fenólicos en medio salino	Tecno ambiente	Articulo	2004
Analysis of the diversity of ammonia oxidizing and denitrifying bacteria in submerged filter biofilms for the treatment of urban wastewater by temperature-gradient gel electrophoresis	European symposium on environmental biotechnology, eseb 2004	Capítulo de libro	2003
Aplicabilidad de los lechos inundados en el tratamiento de aguas residuales industriales con alta carga en compuestos nitrogenados y fenólicos en medio salino	Universidad de granada. ingeniería civil	Tesis doctoral	2003
Diversity of bacteria isolated from waste crude oil samples. production of bioemulsifiers and removal of polycyclic aromatic hydrocarbons in a land farming treatment inoculated with a microbial consortium.	European symposium on environmental biotechnology, eseb 2004	Capítulo de libro	2003
Effect of some abiotic factors on the biological activity of gluconacetobacter diazotrophicus	Journal of applied microbiology	Articulo	2003
El papel de las nuevas tecnologías en la propuesta española de normativa sobre reutilización de aguas.	Ingeniería civil	Articulo	2003
Estudio de la microbiota de lechos inundados para la depuración de aguas residuales urbanas	Universidad de granada. microbiología	Tesis doctoral	2003
Growth and nitrite and nitrous oxide accumulation of paracoccus denitrificans atcc 19367 in the presence of selected pesticides	Environmental toxicology and chemistry	Articulo	2003
Influence of ethanol concentration on biofilm bacterial composition from a denitrifying submerged filter used for contaminated groundwater	Journal of bioscience and bioengineering	Articulo	2003
Influence of hydraulic loading and air flowrate on urban wastewater nitrogen removal with a submerged fixed-film reactor	Journal of hazardous materials	Articulo	2003
Linear alkylbenzene sulfonates (las) and soil microbial activity	Journal of food, agriculture and environment	Articulo	2003
Response of soil microbiota to the addition of 3,3'-diaminobenzidine	Applied soil ecology	Articulo	2003

Reutilización de aguas residuales urbanas	Reutilización de aguas residuales urbanas	Capítulo de libro	2003
Reutilización de aguas residuales urbanas	Editorial plácido cuadros	Libros	2003
Caracterización de bacterias procedentes de lodos de petróleo para su aplicación en la descontaminación de hidrocarburos	Universidad de granada. microbiología	Tesis doctoral	2002
D,I-hydantoinase activity of an ochrobactrum anthropi strain.	Journal of applied microbiology	Articulo	2002
Efecto de los compuestos fenólicos sobre el crecimiento y la actividad biológica de azotobacter chroococum	Universidad de granada. microbiología	Tesis doctoral	2002
Effect of dissolved oxygen concentration on nitrate removal from groundwater using a denitrifying submerged filter	Journal of hazardous materials	Articulo	2002
Effects of culture conditions on the production of polyhydroxyalkanoates by azotobacter chroococum h23 in media containing a high concentration of alpechin (wastewater from olive oil mills) as primary carbon source	Journal of biotechnology	Articulo	2002
Molecular basis of bacteriocin production by rhizobium	Recent research developments in molecular microbiology	Capítulo de libro	2002
Selective inoculation of submerged filter to enhance the nitrate removal of contaminated water	Water intelligence online	Articulo	2002
Studies on the effects of the insecticide aldrin on aquatic microbial populations	International biodeterioration & biodegradation	Articulo	2002
Behaviour of a nitrifying and denifying submerged filters in the treatment of urban wastewater	Current studies of biotechnology	Capítulo de libro	2001
Eliminacion de la materia organica y del nitrogeno en el agua residual urbana mediante lechos inundados	Universidad de granada. microbiología	Tesis doctoral	2001
Growth of moderately halophilic bacteria isolated from sea water using phenol as the sole carbon source	Folia microbiologica (prague)	Articulo	2001
Antibiotic resistance patterns of coliforms isolated from six protected wetlands in the southeast of spain	Folia microbiologica (prague)	Articulo	2000
Effects of benzidine and benzidine analogues on the growth and nitrogenase activity of azotobacter	Applied soil ecology	Articulo	2000
Eliminación biológica de nitrato de aguas subterráneas mediante filtros sumergidos.	Alquibla	Articulo	2000
Influence of carbon source on nitrate removal of contaminated groundwater in a denitrifying submerged filter	Journal of hazardous materials	Articulo	2000
Production of b-group vitamins by two azotobacter strains with phenolic compounds as sole carbon source under diazotrophic and adiazotrophic conditions	Journal of applied microbiology	Articulo	2000
Production of phytohormones by free-living nitrogen fixing bacteria	Azotobacter in sustainable agriculture	Capítulo de libro	2000
Effect of some herbicides on the production of lysine by azotobacter chroococum	Amino acids	Articulo	1999
Influence of rhizobium/azotobacter and rhizobium/azospirillum combined inoculation on mineral composition of faba bean (vicia faba l.)	Biology and fertility of soils	Articulo	1999
Influence of the insecticides profenofos and diazinon on the microbial activities of azospirillum brasilense	Chemosphere	Articulo	1999
Production of b-group vitamins by two rhizobium strains in chemically defined media	Journal of applied microbiology	Articulo	1999
Response of faba bean (vicia faba l.) to combined inoculation with azotobacter and rhizobium leguminosarum bv. viceae	Applied soil ecology	Articulo	1999
Utilización de plásticos reciclados y residuos cerámicos de	Actas congreso. jornadas	Capítulo	2000

construcción como soportes en la depuración biológica.	internacionales de ingeniería ambiental.	de libro	1999
Effects of the fungicide captan on some functional groups of soil microflora.	Applied soil ecology	Articulo	1998
Eliminacion biologica de nitrato de aguas subterraneas mediante filtros sumergidos optimizacion del sistema	Universidad de granada. microbiología	Tesis doctoral	1998
Fecal coliform-related bacterial and coliphage populations in five lakes of southeastern spain	Microbiological research	Articulo	1998
Molecular basis of bacteriocin production by rhizobium	Recent research developments in microbiology	Capítulo de libro	1998
Response of azospirillum brasilense to the pesticides bromopropylate and methidathion on chemically defined media and dialysed-soil media	Ecotoxicology	Articulo	1998
Symbiotic effectiveness and bacteriocin production by rhizobium leguminosarum bv viceae isolated from agricultural soils in spain	Applied soil ecology	Articulo	1998
Chlorpyrifos and soil microbial activity	Ecological issues and environmental impact assessment	Capítulo de libro	1997
Effect of simazine on the production of lysine and methionine by azotobacter chroococcum and azotobacter vinelandii	Amino acids	Articulo	1997
Effect of the herbicide simazine on vitamin production by azotobacter chroococcum and azotobacter vinelandii	Applied soil ecology	Articulo	1997
Production of vitamins by soil diazotrophic microorganisms	Recent research development in soil biology and biochemistry	Capítulo de libro	1997
Production of vitamins by soil diazotrophic microorganisms	Recent research development in soil biology and biochemistry	Articulo	1997
Simazine and soil microbial activity	Trends in soil science	Capítulo de libro	1997
Enhancement of nodulation, n-2-fixation and growth of faba bean (vicia faba l.) by combined inoculation with rhizobium leguminosarum bv viceae and azospirillum brasilense	Symbiosis (philadelphia, pa.)	Articulo	1996
Interaccion rhizobium/azospirillum y rhizobium/azotobacter. efecto sobre la nodulacion y fijacion simbiotica de n2 en vicia faba l.	Universidad de granada. microbiología	Tesis doctoral	1996
Microbiological aspects of nitrification and denitrification in seven protected wetland in the antequera area (spain)	Wetlands, a multiapproach perspective : hydrological and ecological studies applied to wetlands management in semiarid climate	Capítulo de libro	1996
Production of pantothenic acid and thiamine by azotobacter vinelandii in a chemically defined medium and a dialysed soil medium	Biology and fertility of soils	Articulo	1996
Production of polyhydroxyalkanoates by azotobacter chroococcum h23 in wastewater from olive oil mills (alpechin)	International biodeterioration & biodegradation	Articulo	1996
Studies on the effects of the herbicide simazine on microflora of four agricultural soils	Environmental toxicology and chemistry	Articulo	1996
Effect of chlorpyrifos on soil microbial activity	Environmental toxicology and chemistry	Articulo	1995
Effects of the fungicides maneb and mancozeb on soil enzyme activities	Toxicological & environmental chemistry	Articulo	1995
Material soporte y fuentes de carbono en procesos de lechos inundados	Tecno ambiente	Articulo	1995

Production of poly-b-hydroxybutirate by azotobacter chroococcum h23 in chemically-defined media and alpechin media	Journal of applied microbiology	Articulo	1995
Tratamientos de aguas residuales: procesos sumergidos de biopelícula	Tecno ambiente	Articulo	1995
Diflubenzuron and the biological-activity of azospirillum-brasilense	Toxicological & environmental chemistry	Articulo	1994
Effects of fungicides maneb and mancozeb on soil microbial populations.	Toxicological & environmental chemistry	Articulo	1994
Effects of the herbicide alachlor on soil microbial activities	Ecotoxicology	Articulo	1994
Effects of diazinon and quinalphos on some functional-groups of soil microflora	Toxicological & environmental chemistry	Articulo	1993
Production of vitamins by azospirillum brasilense in chemically-defined media	Plant and soil	Articulo	1993
Response of soil microflora to the insecticides fonofos and parathion	Toxicological & environmental chemistry	Articulo	1993
Studies on the effects of a chlorinated hydrocarbon insecticide, lindane, on soil microorganisms	Chemosphere	Articulo	1993
Studies on the effects of the insecticides phorate and malathion on soil microorganisms	Environmental toxicology and chemistry	Articulo	1993
Isolation and characterization of azotobacter species from roots of sorghum bicolor	Microbios	Articulo	1989
Adenine nucleotide content and energy charge of azotobacter during batch growth in dialysed-soil medium	Fems microbiology letters	Articulo	1988
Diflubenzuron and the acetylene reduction activity of azotobacter vinelandii	Soil biology & biochemistry	Articulo	1988
Effect of 2,3,6-tba on azotobacter nitrogen fixation in soil.	Chemosphere	Articulo	1988
Effect of diflubenzuron on azotobacter nitrogen fixation in soil	Chemosphere	Articulo	1988
Effect of inoculation with with azotobacter chroococcum on nitrogenase activity of zea mays roots grown in agricultural soils under aseptic and non-sterile conditions	Biology and fertility of soils	Articulo	1988
Grain yield response of zea mays (hibrid ae 703)	Biology and fertility of soils	Articulo	1988
Growth and nitrogenase activity of azotobacter vinelandii in the presence of several phenolic acids	Archives of microbiology	Articulo	1988
Photoreactivation in vegetative cells of azotobacter vinelandii grown in chemically defined media and soil media	Chemosphere	Articulo	1988
Root exudates of zea mays and production of auxins, gibberellins and cytokinins by axotobacter chroococcum	Plant and soil	Articulo	1988
Root exudates of zea mays and the acetylene-reduction activity of azotobacter chroococcum	Soil biology & biochemistry	Articulo	1988
Adenine nucleotide content and energy charge of azotobacter vinelandii grown at low phosphate concentration	Archives of microbiology	Articulo	1987
Flavonoids and the biological activity of azotobacter vinelandii	Soil biology & biochemistry	Articulo	1987
Studies on fillterability and growth cycle of azotobacter	Kraks kort sydjylland	Articulo	1987
Actividad biologica de azotobacter en el suelo: fijacion de nitrogeno atmosferico y utilizacion de compuestos fenolicos	Universidad de granada. microbiología	Tesis doctoral	1986
Adenine nucleotide content and energy charge in dry cells and cysts of azotobacter vinelandii	Fems microbiology letters	Articulo	1986
Adenine nucleotide content and energy charge of bacillus megaterium during batch growth in low-phosphate medium	Fems microbiology letters	Articulo	1986

Growth of azotobacter vinelandii in dialysed soil medium: studies upon the life cycle	Annales de l'institut pasteur/actualites	Articulo	1986
Growth of bacillus megaterium in phosphate-limited medium	Folia microbiologica (prague)	Articulo	1986
Properties of azotobacter vinelandii in phosphate-limited bath cultures	Folia microbiologica (prague)	Articulo	1986
Some biological characteristics of azotobacter vinelandii (filtrable cells) grown in dialysed soil media	Microbios	Articulo	1986
Survival of azotobacter spp. in dry soils	Applied and environmental microbiology	Articulo	1986
Effect of phosphate limitation on the morphology of bacillus megaterium	Microbios	Articulo	1985
Formation of calcite and struvite crystals by azotobacter vinelandii and azotobacter chroococcum	Microbios	Articulo	1985
Influence of ammonium ions of calcite and struvite formation by azotobacter in chemical defined media	Folia microbiologica (prague)	Articulo	1985
Isolation and characterization of azotobacter chroococcum from the roots of zea mays	Fems microbiology ecology	Articulo	1985
Resistant properties of azotobacter cysts induced in phosphate-limited media	Microbios letters	Articulo	1985
Nitrogen fixation (acetylene reduction) by azotobacter vinelandii atcc 12837 in dialysed and normal soil media	Microbios letters	Articulo	1984
Toxicity of dicamba (2-methoxy-3,6-dichlorobenzoic acid) to azotobacter vinelandii	Folia microbiologica (prague)	Articulo	1984
Amino acids and vitamins produced by azotobacter vinelandii atcc 12837 in chemically-defined media and dialysed soil media	Soil biology & biochemistry	Articulo	1983
Estudio fisio-morfológico de bacillus megaterium atcc 33085 en medio limitado en fosfato	Universidad de granada. microbiología	Tesis doctoral	1983
Growth of bacillus megaterium in phosphate-limited media yields spores of increased resistance	Microbios	Articulo	1982
Total and cell wall phosphorus content in bacillus megaterium in phosphate-limited media	Folia microbiologica (prague)	Articulo	1982
True morphology of the azotobacteraceae filterable bacteria	Nature	Articulo	1981
Bacteriological phosphate determination in defined liquid media with pseudomonas fluorescens var. aureofaciens	European journal of applied microbiology and biotechnology	Articulo	1980

	<b>Título proyecto</b>	<b>Tipo</b>	<b>Inicio</b>	<b>Fin</b>
1	Diseño de sistemas bio-absorbentes para la eliminación y biorremediación de aguas contaminadas con hidrocarburos	Proyecto	4/1/14	12/31/17
2	Tratamiento de agua residual urbana con salinidad variable en biorreactores de membrana sumergida con y sin lecho en suspensión	Proyecto	1/1/14	12/31/17
3	Tratamiento de agua residual urbana con salinidad variable en biorreactores de membrana sumergida con y sin lecho en suspensión	Proyecto	1/1/14	12/31/16
4	Procesos microbianos en bioreactores de membrana con lecho fluidificado en tratamiento de aguas residuales	Proyecto	1/1/10	7/31/13
5	Estudio técnico y biológico de biorreactores de membrana sumergida con lecho fluidificado aplicados al tratamiento de aguas residuales urbanas.	Proyecto	1/1/10	12/21/12
6	Análisis comparativo de sistemas convencionales de tratamiento de aguas residuales con fangos activos y sistemas de biorreactores de membranas con y sin lecho fluidizado	Contrato	9/17/09	9/17/12
7	H2o-sms: water saving - mankind saving	Proyecto	8/1/08	7/31/10
8	Estudio del procesado y mejora del rendimiento en la producción de compuestos bio-activos: caracterización de los mismos.	Contrato	12/29/08	6/30/10
9	Tratamiento de aguas residuales urbanas con salinidad variable	Proyecto	4/11/07	3/31/10
10	Estudio de parámetros indicadores de la viabilidad de la biorremediación exsitu aplicada a residuos y suelos con hidrocarburos (landfarming; fase iii).	Contrato	12/1/07	9/30/09
11	Estudios de los procesos biológicos, caracterización de la estructura y biodiversidad de biopelículas en el sistema nidalo.	Proyecto	12/31/05	12/31/08
12	Biodegradación de compuestos fenólicos y/o recalcitrantes presentes en efluentes industriales y agroindustriales	Proyecto	1/1/06	12/31/07
13	Estudio de parámetros indicadores de la viabilidad de un proyecto de biorremediación (fase ii)	Contrato	3/1/06	9/30/07
14	Producción de biosurfactantes para la biorremediación de suelos y aguas contaminados con hidrocarburos	Proyecto	1/1/03	12/31/06
15	Estudio sobre la implantación de una empresa de biodiesel en el puerto de motril	Contrato	7/15/06	10/14/06
16	Estudio de parámetros indicadores de la viabilidad de un proyecto de biorremediación. fase i	Contrato	9/15/05	2/15/06
17	Producción de biosurfactantes para la biorremediación de suelos y aguas contaminadas con hidrocarburos	Proyecto	1/1/03	12/31/05
18	Estudio de los procesos microbianos implicados en el tratamiento de aguas residuales urbanas mediante biorreactores de membrana sumergida	Proyecto	11/1/02	10/31/05
19	Estudio de las biopelículas de la estación depuradora de aguas residuales del puerto de sta maría (cádiz)	Contrato	3/1/04	7/1/05
20	Aplicación de la desnitrificación en biorreactores de filtros sumergidos para la eliminación de nitratos en aguas subterráneas contaminadas	Proyecto	1/1/04	12/31/04
21	Producción de biosurfactantes para la descontaminación de suelos y aguas contaminadas con hidrocarburos.	Proyecto	1/1/03	12/31/04
22	Technology for treatment and recycling of the water used to wash olives	Proyecto	3/1/02	3/1/04
23	Mediterranean usage of biotechnological treated effluent water	Proyecto	3/1/00	3/1/04
24	Aplicación de la desnitrificación en biorreactores de filtros sumergidos para la eliminación de nitratos en aguas subterráneas contaminadas	Proyecto	1/1/01	12/31/03
25	Nuevas tecnologías para la eliminación de nitratos de aguas subterráneas contaminadas, destinadas a abastecimiento	Convenio	1/1/03	12/31/03
26	Eliminación de metales pesados de aguas subterráneas contaminadas, mediante sistema de biopelículas	Contrato	8/3/01	8/2/03
27	Estudio de los procesos microbianos implicados en la depuración de aguas residuales urbanas en sistemas de bajo costo: filtros sumergidos	Proyecto	1/1/00	12/31/02
28	Aplicación de la desnitrificación en biorreactores de filtros sumergidos para la	Proyecto	1/1/00	12/31/00

28	eliminación de nitrato de aguas subterráneas contaminadas	Proyecto	1/1/02	12/31/02
29	Estudios de los procesos microbianos implicados en la depuración de aguas residuales urbanas en sistemas de bajo costo: filtros sumergidos	Proyecto	12/18/00	12/28/01
30	Estudio de los recursos hídricos disponibles, su calidad y posible análisis de demandas precisas para el mantenimiento del conjunto monumental	Contrato	12/14/99	12/13/01
31	Sistemas de bajo costo para el tratamiento de efluentes industriales con alta carga en compuestos nitrogenados	Proyecto	1/1/99	12/1/01
32	Estudio de los procesos microbianos implicados en la depuración de aguas residuales urbanas en sistemas de bajo costo: filtros sumergidos.	Proyecto	1/1/01	11/28/01
33	Estudio genético de cepas bacterianas con actividad d-hidantoinasa y d-carbamilasa	Contrato	3/20/01	9/19/01
34	Estudio genético de cepas bacterianas con actividad d-hidantoinasa y d-carbamilasa investigaciones referentes al anexo 3	Contrato	5/2/00	11/1/00
35	Selection of agrobacterium sp. mutants affected in exopolysaccharide (eps) production	Contrato	1/1/00	6/30/00
36	Depuración de efluentes industriales con alto contenido en nitrógeno mediante filtros sumergidos	Contrato	11/1/97	11/1/99
37	Cleaner, controlled and cost-efficient olive oil production	Proyecto	2/1/97	8/1/99
38	Cleaned controlled and cost-efficient olive oil production	Proyecto	2/1/97	8/1/99
39	Ayuda complementaria al proyecto europeo ¿cleaner, controlled and cost-efficient olive oil production¿	Proyecto	8/1/96	8/1/99
40	Sistemas de bajo costo para la eliminación biológica del nitrato en acuíferos	Proyecto	7/1/95	7/1/98
41	Fomento del autoempleo	Contrato	10/1/96	10/1/97
42	Fomento de la cooperación empresarial en la red del programa leda	Contrato	10/1/96	10/1/97
43	Detección de riquezas endógenas en la provincia de granada	Contrato	10/1/96	10/1/97
44	Diseño de un proceso biotecnológico para la biodegradación de efluentes orgánicos y derivados fenólicos	Contrato	10/1/96	10/1/97
45	Servicio de apoyo a la puesta en marcha de empresas del sector turístico rural	Contrato	10/1/96	10/1/97
46	Fomento de relaciones universidad-empresa	Contrato	10/1/96	10/1/97
47	Difusión de las medidas de fomento del empleo entre las empresas granadinas	Contrato	10/1/96	10/1/97
48	Análisis de compuestos fenólicos de efluentes industriales	Contrato	5/1/97	9/30/97
49	Control técnico sanitario de aguas potables de consumo público para el ayuntamiento de armilla según rd 1138/90 para poblaciones entre 10000 y 50000 habitantes	Contrato	3/1/96	4/1/97
50	Evaluación industrial de cepas bacterianas con actividad hidantoinasa y carbamilasa	Contrato	5/1/95	5/30/96
51	Influencia de la interacción rhizobium/azospirillum y rhizobium/azotobacter sobre la nodulación y fijación de n2 en vicia faba.	Proyecto	1/1/91	12/31/94
52	Producción de plásticos biodegradables mediante cepas hiperproductoras del género azotobacter.	Proyecto	11/20/92	11/20/93
53	Estudio sobre los recursos hídricos disponibles, su calidad y posible análisis de demandas precisas para el mantenimiento del conjunto monumental	Contrato	12/14/99	
54	Control microbiológico de productos cosméticos	Contrato	1/1/00	
55	Diversos análisis de material biológico	Contrato	11/17/96	
56	Ecological aspects of denitrification, with emphasis on agriculture	Proyecto	4/2/02	
57	Informes de análisis de aguas y cosméticos	Contrato	1/1/00	

## Actividades 0

Titulo actividad	Fuente	Tipo	Fecha
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## Colaboradores

- MARÍA BELÉN RODELAS GONZÁLEZ (96)
- CLEMENTINA POZO LLORENTE (65)
- CONCEPCIÓN CALVO SAINZ (40)
- JOSÉ MANUEL POYATOS CAPILLA (33)
- M. ANGEL GÓMEZ NIETO (33)
- ALEJANDRO GONZÁLEZ MARTÍNEZ (23)
- FRANCISCO OSORIO ROBLES (18)
- MARÍA J. BELÉN JUAREZ JIMÉNEZ (18)
- MAXIMINO MANZANERA RUIZ (18)
- GLORIA ANDREA SILVA CASTRO (16)
- RAMIRO VILCHEZ VARGAS (16)
- Alejandro Rodríguez Sánchez (14)
- PATRICIA REBOLEIRO RIVAS (14)
- JAIME MARTÍN PASCUAL (13)
- JESSICA PURSWANI (13)
- IMANE UAD (11)
- JUAN IGNACIO VILCHEZ MORILLAS (11)
- PAULA MAZA MARQUEZ (10)
- MARÍA BEGOÑA MORENO ESCOBAR (9)
- ISABEL MARÍA GUISADO REQUENA (8)
- ALMUDENA DE LA RUA RUIZ (7)
- JUAN JESÚS NARVÁEZ REINALDO (7)
- MARIA ANGUSTIAS RIVADENEIRA RUIZ (7)
- ALBERTO ZAFRA GÓMEZ (6)
- ANGEL FERMIN RAMOS RIDAO (6)
- Alfonso Rodríguez Calvo (6)
- CINTA GÓMEZ SILVÁN (6)
- CRISTINA GARCIA FONTANA (6)
- CRISTINA LOPEZ LOPEZ (6)
- FRANCISCO ALEJANDRO RODRÍGUEZ ÍÑIGUEZ (6)
- JOSE LUIS VÍLCHEZ QUERO (6)
- Juan Carlos Leyva Díaz (6)
- MARIA JESUS GARCIA RUIZ (6)
- ALBERTO NAVALÓN MONTÓN (5)
- ELIZABET ARANDA BALLESTEROS (5)
- MARÍA DEL MAR MUÑO MARTÍNEZ (5)
- ALMUDENA RIVADENEYRA TORRES (4)
- CARMEN LLUCH PLA (4)
- JOSÉ DANIEL MARTÍN RAMOS (4)
- MONTSERRAT ZAMORANO TORO (4)
- ALBERTO RAMOS CORMENZANA (3)
- Chiara Pesciaroli (3)
- JUAN ARÉVALO VILCHES (3)
- Tatiana Robledo Mahón (3)
- AGUSTIN LASSERROT CUADRADO (2)
- ANTONIO MANUEL MARTIN PLATERO (2)

- Bárbara Muñoz Palazón (2)
- Dario Rafael Olicón Hernández (2)
- ISABEL DE LA MONTAÑA GÓMEZ GÓMEZ (2)
- JORGE IGNACIO PÉREZ PÉREZ (2)
- NOEL AMAURYS TEJERA GARCÍA (2)
- CAROLA AGUZZI (1)
- CÉSAR VISERAS IBORRA (1)
- FERNANDO DELGADO RAMOS (1)
- JUAN JOSÉ GARCÍA MESA (1)
- LUIS ANDRADE TRIVIÑO (1)
- MARÍA DEL ROSARIO BLANC GARCÍA (1)
- OSCAR BALLESTEROS GARCÍA (1)
- ROCIO CELESTE ROMERO ZALIZ (1)