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

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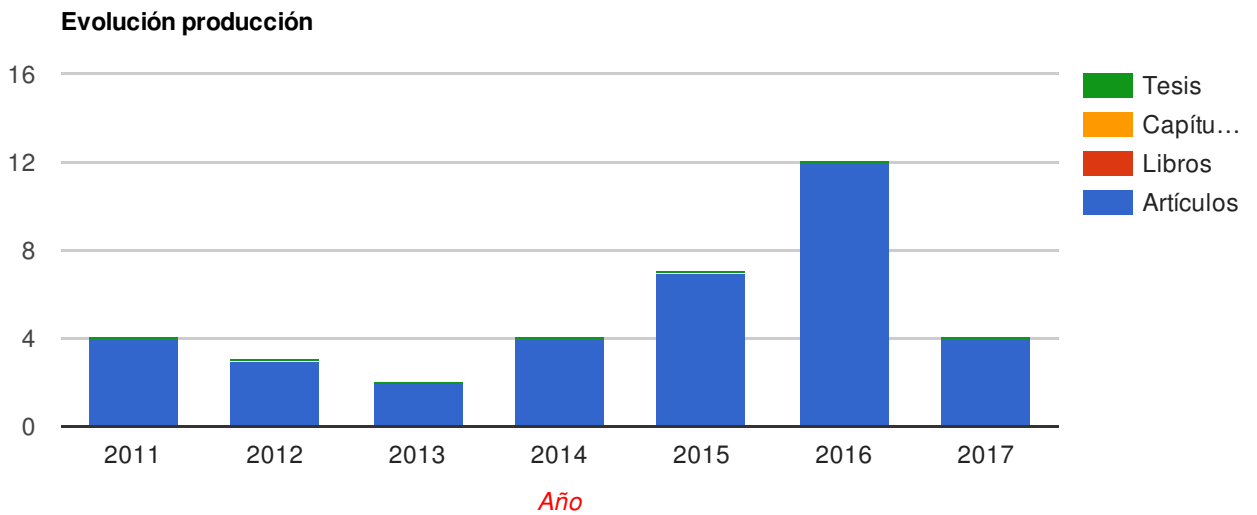
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Ficha del Directorio

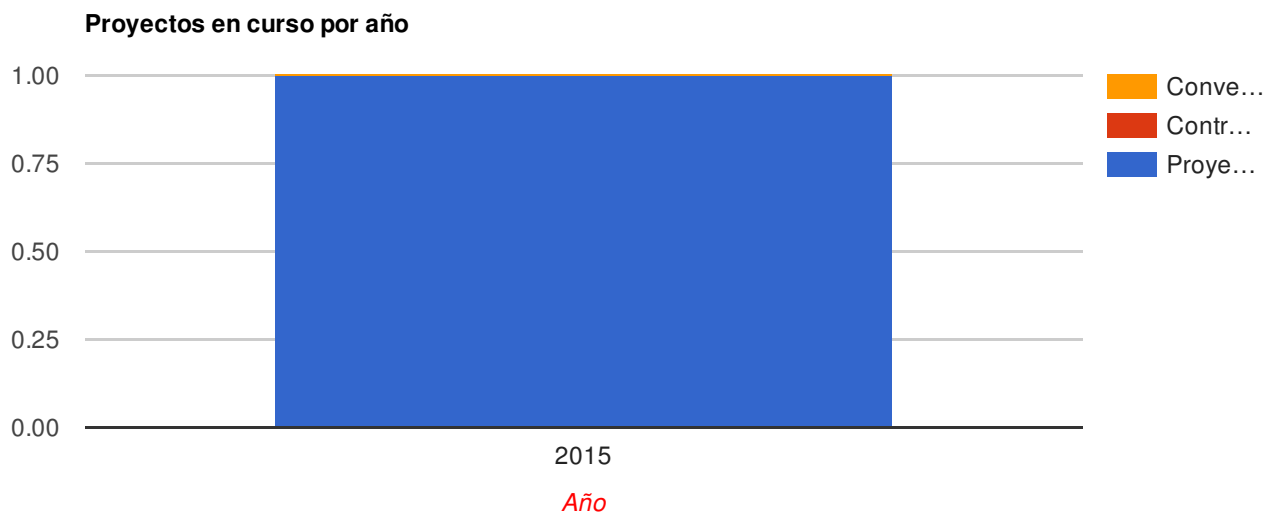
Producción 36

Artículos (36) Libros (0) Capítulos de Libros (0) Tesis dirigidas (0)



Proyectos dirigidos 1

Proyectos (1) Contratos (0) Convenios (0)



Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
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
Biotreatment of industrial olive washing water by sinergetic association of microalgal-bacterial consortia in a photobioreactor	Environmental science and pollution research	Articulo	2017
Full-scale photobioreactor for biotreatment of olive washing water: structure and diversity of the microalgae-bacteria consortium	Bioresource technology	Articulo	2017
Performance and bacterial community structure of a granular autotrophic nitrogen removal bioreactor amended with high antibiotic concentrations	Chemical engineering journal	Articulo	2017
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
Chemical synthesis and self-assembly of a ladderane phospholipid	Journal of the american chemical society	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
Distribution and microbial community structure analysis of a single-stage partial nitritation/ anammox granular sludge bioreactor operating at low temperature	Environmental technology	Articulo	2016
Distribution and microbial community structure analysis of a single-stage partial nitritation/anammox granular sludge bioreactor operating at low temperature	Environmental technology	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
Performance and bacterial community dynamics of a canon bioreactor acclimated from high to low operational temperatures	Chemical engineering journal	Articulo	2016
Performance and bacterial community structure of a submerged biofilter subjected to high ammonium and high organic carbon concentrations	International biodeterioration & biodegradation	Articulo	2016
Process performance and bacterial community dynamics of partial ζ nitritation biofilters subjected to different concentrations of cysteine amino acid	Biotechnology progress	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
Bacterial community structure of a lab ζ 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 nitrification biofilter	Amino acids	Articulo	2015
Isolation and metagenomic characterization of bacteria associated with calcium carbonate and struvite precipitation in a pure moving bed biofilm reactor-membrane bioreactor	Biofouling	Articulo	2015
Microbial community analysis of a full-scale demon bioreactor	Bioprocess and biosystems engineering	Articulo	2015
Effect of ciprofloxacin antibiotic on the partial-nitrification process and bacterial community structure of a submerged biofilter	Science of the total environment	Articulo	2014
Feasibility study of a simple and low-cost device for monitoring trihalomethanes presence in water supply systems based on statistical models	Water	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
Biological and technical study of a partial sharon reactor at laboratory scale: effect of hydraulic retention time	Bioprocess and biosystems engineering	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
Bacterial community structure and enzyme activities in a membrane bioreactor (mbr) using pure oxygen as an aeration source.	Bioresource technology	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
Influence of filling ratio and carrier type in a moving bed biofilm reactor with pretreatment of electrocoagulation in wastewater treatment	Journal of environmental science and health. part a: toxic hazardous substances and environmental engineering	Articulo	2012
A model for predicting thm presence in networks of water supply system	Safety security engineering iv	Articulo	2011
A model for predicting thm presence in networks of water supply system	Wit transactions on the built environment	Articulo	2011
Effect of aeration on steady-state conditions in non- and partially aerated low-loaded biofilter	International journal of environmental science and technology	Articulo	2011
Treatment of effluents polluted by nitrogen with new biological technologies	Recent patents on biotechnology	Articulo	2011

	Título proyecto	Tipo	Inicio	Fin
1	Efecto de sustancias antibióticas presentes en aguas residuales sobre el rendimiento y la comunidad microbiana de sistemas autotróficos de eliminación de nitrógeno (anammox)	Proyecto	1/1/15	12/31/15

Actividades 0

Título actividad	Fuente	Tipo	Fecha
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Colaboradores

- JESÚS GONZÁLEZ LÓPEZ (23)
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- Alejandro Rodríguez Sánchez (17)
- JOSÉ MANUEL POYATOS CAPILLA (8)
- MARIA JESUS GARCIA RUIZ (8)
- ALMUDENA RIVADENEYRA TORRES (6)
- PAULA MAZA MARQUEZ (6)
- Bárbara Muñoz Palazón (5)
- MARIA ANGUSTIAS RIVADENEIRA RUIZ (5)
- MARÍA BELÉN RODELAS GONZÁLEZ (5)
- JOSÉ DANIEL MARTÍN RAMOS (4)
- JAIME MARTÍN PASCUAL (2)
- JESSICA PURSWANI (2)
- AGUSTIN LASSERROT CUADRADO (1)
- CRISTINA LOPEZ LOPEZ (1)
- ELIZABET ARANDA BALLESTEROS (1)
- GLORIA ANDREA SILVA CASTRO (1)
- IMANE UAD (1)
- JUAN IGNACIO VILCHEZ MORILLAS (1)
- Juan Carlos Leyva Díaz (1)
- MARÍA J. BELÉN JUAREZ JIMÉNEZ (1)
- OVIDIO RABAZA CASTILLO (1)
- PATRICIA REBOLEIRO RIVAS (1)
- PEDRO ANTONIO GARCIA LOPEZ (1)
- Tatiana Robledo Mahón (1)