



## Publicaciones WoS (ISI) Doctorado en Ciencias de Recursos Naturales

**Año: 2015 (31 de Diciembre)**

**Publicaciones Totales: 81**

**Publicaciones Alumnos de Doctorado: 25**

**Publicaciones con investigadores extranjeros: 46**

1. Aguila, L., J. Ruedlinger, **K. Mansilla\***, J. Ordenes, R. Salvatici, R.R. DE Campos & F. Romero. 2015. Relaxant effects of a hydroalcoholic extract of *Ruta graveolens* on isolated rat tracheal rings. *Biological Research* 48(28).  
Impact Factor: 1.48  
DOI: 10.1111/sum.12160  
Quartile: 2  
Editorial: Soc Biologia Chile, Chile  
ISSN: No information
2. **Almonacid, L.\***, A. Fuentes, J. Ortiz, I. Garcia-Romera, J. Ocampo & C. Arriagada. 2015. Effect of mixing soil saprophytic fungi with organic residues on the response of *Solanum lycopersicum* to arbuscular mycorrhizal fungi. *Soil Use and Management* 31(1): 155-164.  
Impact Factor: No information  
DOI: 10.1111/sum.12160  
Quartile: No information  
Editorial: No information  
ISSN: No information
3. **Araya, K.\***, A. Ugarte, L. Azócar, O. Valerio, L. Wick & G. Ciudad. 2015. Whole cell three phase bioreactors allow for effective production of fatty acid alkyl esters derived from microalgae lipids. *Fuel* 144: 25-32.  
Impact Factor: 3.406  
DOI: 10.1016/j.fuel.2014.12.014  
Quartile: 1  
Editorial: Elsevier Sci. Ltd., England  
ISSN: 0016-236
4. Augusto, T.R., E. Scheuerman, S.M. Alencar, M. d'Arce, C.A. De Camargo & T. Vieira. 2014. Phenolic compounds and antioxidant activity of hydroalcoholic extracts of wild and cultivated murtila (*Ugni molinae* Turcz.). *Food Science and Technology* 34(4): 667-673.  
Impact Factor: 0.393  
DOI: 10.1590/1678-457X.6393  
Quartile: 4  
Editorial: Soc Brasileira Ciencia Tecnologia Alimentos, Brazil  
ISSN: 0101-2061



5. Beraud, M.R., R.C. Lopez, **M. Chacón-Fuentes\***, N.H. Vasquez, J.T. Perez & R.T. Neira. 2015. *In vitro* and *ex vitro* rooting of *Ugni molinae* Turcz. microshoots, a native species to Chile. *Gayana Botanica* 72(1): 14-20.  
Impact Factor: 0.308  
DOI: no information  
Quartile: 4  
Editorial: Ediciones Univ, Concepcion, Comite de Publicacion, Chile  
ISSN: 0717-6643
6. Bosso, L., F. Lacatena, G. Cristinzio, M. Cea, M.C. Diez & O. Rubilar. 2015. Biosorption of pentachlorophenol by *Anthracyllum discolor* in the form of live fungal pellets. *New Biotechnology* 32(1): 21-25.  
Impact Factor: 2.106  
DOI: 10.1016/j.nbt.2014.08.001  
Quartile: 2  
Editorial: Elsevier Science BV, Netherlands  
ISSN: 1871-6784
7. Briceño G., M. Fuentes, O. Rubilar, M. Jorquera, G. Tortella, G. Palma, M.J. Amoroso & M.C. Diez. 2015. Removal of insecticide diazinon from liquid media by free and immobilized *Streptomyces* sp. isolated from agricultural soil. *Journal of Basic Microbiology* 55(3): 293-302.  
Impact Factor: 1.823  
DOI: 10.1002/jobm.201300576  
Quartile: 3  
Editorial: Wiley-Blackwell, USA  
ISSN: 0233-111X
8. Bustamante, M., M. Villarroel, M. Rubilar & C. Shene. 2015. *Lactobacillus acidophilus* La-05 encapsulated by spray drying: Effect of mucilage and protein from flaxseed (*Linum usitatissimum* L.). *Lwt-Food Science and Technology* 62(2): 1162-1168.  
Impact Factor: 2.416  
DOI: 10.1016/j.lwt.2015.02.017  
Quartile: 1  
Editorial: Elsevier Science BV, Netherlands  
ISSN: 0023-6438
9. Calaf, G.M., A.B. Zepeda, R.L. Castillo, C.A. Figueroa, C. Arias, E. Figueroa & J.G. Farias. 2015. Molecular aspects of breast cancer resistance to drugs (Review). *International Journal of Oncology* 47(2): 437-445.  
Impact Factor: 3.025  
DOI: 10.3892/ijo.2015.3055  
Quartile: 2  
Editorial: Spandidos Publ Ltd, Greece  
ISSN: 1019-6439
10. **Campos, M.\***, C. Perruchon, S. Vasilieiadis, U. Menkissoglu-Spiroudi, D.G. Karpouzas & M.C. Diez. 2015. Isolation and characterization of bacteria from acidic pristine soil environment able to transform iprodione and 3,5-dichloraniline. *International Biodeterioration & Biodegradation* 104: 201-211.  
Impact Factor: 2.131  
DOI: 10.1016/j.ibiod.2015.06.009  
Quartile: 2



Editorial: Elsevier Sci Ltd, The Boulevard, England  
ISSN: 0964-8305

- 11.** Candia, O., R. Demanet, T. Fernandez, M.L. Mora, G. Briceno & G. Palma. 2015. Sorption and mobility of dimethenamid in a volcanic soil amended with liquid cow manure. *Journal of Soil Science and Plant Nutrition* 14(4): 1039-1050.  
Impact Factor: 0.68  
DOI: no information  
Quartile: 4  
Editorial: Soc Chilena Ciencia Suelo, Chile  
ISSN: 0718-9516
- 12.** Cartes, P., M. Cea, A. Jara, A. Violante & M.L. Mora. 2015. Description of mutual interactions between silicon and phosphorus in Andisols by mathematical and mechanistic models. *Chemosphere* 131: 164-170.  
Impact Factor: 3.34  
DOI: 10.1016/j.chemosphere.2015.02.059  
Quartile: 1  
Editorial: Pergamon-Elsevier Science Ltd, England  
ISSN: 0045-6535
- 13.** Castillo, R.L., A.B. Zepeda, S.E. Short, E. Figueroa, E. Bustos-Obregon & J.G. Farias. 2015. Protective effects of polyunsaturated fatty acids supplementation against testicular damage induced by intermittent hypobaric hypoxia in rats. *Journal of Biomedical Science* 22: 8.  
Impact Factor: 2.763  
DOI: 10.1186/s12929-015-0112-8  
Quartile: 2  
Editorial: Biomed Central Ltd, England  
ISSN: 1021-7770
- 14.** Castro, M., J.C. Parra, L.J. Morales & C. Salas. 2014. Establishment of empirical relations between fuel moisture content and the normalised difference vegetation index. *Journal of Soil Science and Plant Nutrition* 14(3): 670-675.  
Impact Factor: 0.68  
DOI: no information  
Quartile: 4  
Editorial: Soc Chilena Ciencia Suelo, Chile  
ISSN: 0718-9516
- 15.** **Chacón-Fuentes, M.\***, L. Parra, C. Rodriguez-Saona, I. Seguel & A. Quiroz. 2015. Domestication in murtilla (*Ugni molinae*) reduced defensive flavonol levels but increase resistance against a native herbivorous insect. *Environmental Entomology* 44(3): 627-637.  
Impact Factor: 1.295  
DOI: 10.1093/ee/nvv040  
Quartile: 2  
Editorial: Oxford Univ Press Inc, USA  
ISSN: 0046-225X



16. Channabasava, A., H.C. Lakshman & M.A. Jorquera. 2015. Effect of fungicides on association of arbuscular mycorrhiza fungus *Rhizophagus fasciculatus* and growth of Proso millet (*Panicum miliaceum* L.). *Journal of Soil Science and Plant Nutrition* 15(1): 35-45.  
Impact Factor: 0.68  
DOI: no information  
Quartile: 4  
Editorial: Soc Chilena Ciencia Suelo, Chile  
ISSN: 0718-9516
17. Crowther, T.W., H.B. Glick, K.R. Covey, C. Bettigole, D. S. Maynard, S.M. Thomas, J.R. Smith, G. Hintler, M.C. Duguid, G. Amatulli, M. Tuanmu, W. Jetz, C. Salas, C. Stam, D. Piotta, R. Tavani, S. Green, G. Bruce, S.J. Williams, S.K. Wisser, M.O. Huber, G.M. Hengeveld, G.J. Nabuurs, E. Tikhonova, P. Borchardt, C.F. Li, L.W. Powrie, M. Fischer, A. Hemp, J. Homeier, P. Cho, A.C. Vibrans, P.M. Umunay, S.L. Piao, C.W. Rowe, M.S. Ashton, P.R. Crane & M.A. Bradford. 2015. Mapping tree density at a global scale. *Nature* 525(7568):201.  
Impact Factor: 41.456  
DOI: 10.1038/nature14967  
Quartile: 1  
Editorial: Nature Publishing Group, England  
ISSN: 0028-0836
18. **Cuevas, R.\***, N. Durán, M.C. Diez, G.R. Tortella & O. Rubilar. 2015. Extracellular biosynthesis of copper and copper oxide nanoparticles by *Stereum hirsutum*, a native white rot fungus from Chilean forests. *Journal of Nanomaterials* ID 789089.  
Impact Factor: no information  
DOI: 10.1155/2015/789089  
Quartile: no information  
Editorial: Hindawi Publishing Corporation, USA  
ISSN: 1687-4110
19. Curaqueo, G., S. Meier, N. Khan, M. Cea & R. Navia. 2014. Use of biochar on two volcanic soils: effects on soil properties and barley yield. *Journal of Soil Science and Plant Nutrition* 14(4): 911-924.  
Impact Factor: 0.68  
DOI: no information  
Quartile: 4  
Editorial: Soc Chilena Ciencia Suelo, Chile  
ISSN: 0718-9516
20. **Delgado, M.\***, A. Zuniga-Feest, L. Almonacid, H. Lambers & F. Borie. 2015. Cluster roots of *Embothrium coccineum* (Proteaceae) affect enzyme activities and phosphorus lability in rhizosphere soil. *Plant and Soil* 395(1-2): 189-200.  
Impact Factor: 2.952  
DOI: 10.1007/s11104-015-2547-9  
Quartile: 1  
Editorial: Springer, Netherlands  
ISSN: 0032-079X



21. Demanet, R., M.L. Mora, M.A. Herrera, H. Miranda & J.M. Barea. 2015. Seasonal variation of the productivity and quality of permanent pastures in Andisols of temperate regions. *Journal of Soil Science and Plant Nutrition* 15(1): 115-132.  
Impact Factor: 0.68  
DOI: no information  
Quartile: 4  
Editorial: Soc Chilena Ciencia Suelo, Chile  
ISSN: 0718-9516
22. Duran, N., **R. Cuevas\***, L. Cordi, O. Rubilar & M.C. Diez. 2014. Biogenic silver nanoparticles associated with silver chloride nanoparticles (Ag@AgCl) produced by laccase from *Trametes versicolor*. *Springerplus* 3: 645.  
Impact Factor: no information  
DOI: 10.1186/2193-1801-3-645  
Quartile: no information  
Editorial: Springer International Publishing AG, Switzerland  
ISSN: 2193-1801
23. Duran, P., J.J. Acuña, L. Gianfreda, R. Azcon, V. Funes-Collado & M.L. Mora. 2015. Endophytic selenobacteria as new inocula for selenium biofortification. *Applied Soil Ecology* 96: 319-326.  
Impact Factor: 2.644  
DOI: 10.1016/j.apsoil.2015.08.016  
Quartile: 1  
Editorial: Elsevier Science BV, Netherlands  
ISSN: 0929-1393
24. Ferreira, P.A.A., C.A. Ceretta, H.H. Soriani, T.L. Tiecher, C. Soares, L.V. Rossato, F.T. Nicoloso, G. Brunetto, J.T. Pranhos & P. Cornejo. 2015. *Rhizophagus clarus* and phosphate alter the physiological responses of *Crotalaria juncea* cultivated in soil with a high Cu level. *Applied Soil Ecology* 91: 37-47.  
Impact Factor: 2.644  
DOI: 10.1016/j.apsoil.2015.02.008  
Quartile: 1  
Editorial: Elsevier Science BV, Netherlands  
ISSN: 0929-1393
25. Figueroa, E., O. Merino, J. Risopatron, V. Isachenko, R. Sanchez, B. Effer, E. Isachenko, J.G. Farias & I. Valdebenito. 2015. Effect of seminal plasma on Atlantic salmon (*Salmo salar*) sperm vitrification. *Theriogenology* 83(2): 238-245.  
Impact Factor: 1.798  
DOI: 10.1016/j.theriogenology.2014.09.015  
Quartile: 1  
Editorial: Elsevier Science Inc, USA  
ISSN: 0093-691X
26. Furrianca, M.C., M. Alvear, T. Zambrano, L. Barrientos, V. Fajardo & L.A. Salazar. 2015. Medicinal value of the *Berberis* genus as hypoglycemic agent. *Boletín Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas* 14(5):423-441.  
Impact Factor: 0.325  
DOI: no information



Quartile: 4

Editorial: Univ Santiago Chile, Chile

ISSN: 0717-7917

- 27.** González, A., N. Moreno & R. Navia. 2014. CO<sub>2</sub> carbonation under aqueous conditions using petroleum coke combustion fly ash. *Chemosphere* 117: 139-143.  
Impact Factor: 3.34  
DOI: 10.1016/j.chemosphere.2014.06.034  
Quartile: 1  
Editorial: Pergamon-Elsevier Science Ltd, England  
ISSN: 0045-6535
- 28.** González, M.E., M. Cea, **J. Medina\***, A. González, M.C. Diez, P. Cartes, C. Monreal & R. Navia. 2015. Evaluation of biodegradable polymers as encapsulating agents for the development of a urea controlled-release fertilizer using biochar as support material. *Science of The Total Environment* 505: 446-453.  
Impact Factor: 3.163  
DOI: 10.1016/j.scitotenv.2014.08.001  
Quartile: 2  
Editorial: Elsevier Science BV, Netherlands  
ISSN: 0048-9697
- 29.** Hernández-Fuentes, C., L.A. Bravo & L.A. Cavieres. 2015. Hydraulic leaf conductance and cavitation vulnerability decrease with elevation in *Phacelia secunda* JF Gmel. (Boraginaceae). *Gayana Botanica* 72(1): 84-93.  
Impact Factor: 0.308  
DOI: no information  
Quartile: 4  
Editorial: Ediciones Univ, Concepcion, Comite de Publicacion, Chile  
ISSN: 0717-6643
- 30.** Hernández-Fuentes, C., L.A. Bravo & L.A. Cavieres. 2015. Photosynthetic responses and photoprotection strategies of *Phacelia secunda* plants exposed to experimental warming at different elevations in the central Chilean Andes. *Alpine Botany* 125(2): 87-99.  
Impact Factor: 1.458  
DOI: 10.1007/s00035-015-0151-5  
Quartile: 2  
Editorial: Springer Basel AG, Switzerland  
ISSN: 1664-2201
- 31.** Herrera, E.A., J.G. Farias, A. Gonzalez-Candia, S.E. Short, C. Carrasco-Pozo & R.L. Castillo. 2015. Omega 3 supplementation and intermittent hypobaric hypoxia induce cardioprotection enhancing antioxidant mechanisms in adult rats. *Mar Drugs* 13(2): 838-860.  
Impact Factor: 2.853  
DOI: 10.3390/md13020838  
Quartile: 2  
Editorial: MDPI AG, Switzerland  
ISSN: 1660-3397



- 32.** Herrera, E.A., J.G. Farias, G. Ebersperger, R.V. Reyes, A.R. Llanos & R.L. Castillo. 2015. Pharmacological approaches in either intermittent or permanent hypoxia: A tale of two exposures. *Pharmacological Research* 101: 94-101.  
Impact Factor: 4.408  
DOI: 10.1016/j.phrs.2015.07.011  
Quartile: 1  
Editorial: Academic Press Ltd- Elsevier Science Ltd, England  
ISSN: 1043-6618
- 33.** Hidalgo, P.\*, G. Ciudad, M. Mittelbach & R. Navia. 2015. Biodiesel production by direct conversion of *Botryococcus braunii* lipids: Reaction kinetics modelling and optimization. *Fuel* 153: 544-551.  
Impact Factor: 3.52  
DOI: 10.1016/j.fuel.2015.03.039  
Quartile: 1  
Editorial: Elsevier Sci Ltd, England  
ISSN: 0016-2361
- 34.** Hidalgo, P.\*, G. Ciudad, S. Schober, M. Mittelbach & R. Navia. 2015. Biodiesel synthesis by direct transesterification of microalgal biomass with continuous methanol reflux. *Bioresource Technology* 181: 32-39.  
Impact Factor: 5.039  
DOI: 10.1016/j.biortech.2015.01.047  
Quartile: 1  
Editorial: Elsevier Sci. Ltd., England  
ISSN: 0960-8524
- 35.** Hidalgo, P.\*, G. Ciudad, S. Schober, M. Mittelbach & R. Navia. 2015. Improving the FAME yield of *in situ* transesterification from microalgal biomass through particle size reduction and cosolvent incorporation. *Energy Fuels* 29(2): 823-832.  
Impact Factor: no information  
DOI: 10.1021/ef5023303  
Quartile: no information  
Editorial: Amer. Chemical Soc., USA  
ISSN: 0887-0624
- 36.** Inostroza-Blancheteau, C., M. Reyes-Diaz, A. Arellano, M. Latsague, P. Acevedo, R. Loyola, P. Arce-Johnson & M. Alberdi. 2014. Effects of UV-B radiation on anatomical characteristics, phenolic compounds and gene expression of the phenylpropanoid pathway in highbush blueberry leaves. *Plant Physiology and Biochemistry* 85: 85-95.  
Impact Factor: 2.756  
DOI: 10.1016/j.plaphy.2014.10.015  
Quartile: 1  
Editorial: Elsevier France-Editions Scientifiques Medicales Elsevier, France  
ISSN: 0981-9428
- 37.** Jeison, D. 2015. Anaerobic digestion: closing cycles for sustainability. *Reviews in Environmental Science and Bio-Technology* 14(4): 535-536.  
Impact Factor: 3.333



DOI: 10.1007/s11157-015-9384-4

Quartile: 1

Editorial: Springer, Netherlands

ISSN: 1569-1705

- 38. Jorquera-Fontena, E.\***, M. Alberdi & N. Franck. 2014. Pruning severity affects yield, fruit load and fruit and leaf traits of 'Brigitta' blueberry. *Journal of Soil Science and Plant Nutrition* 14(4): 855-868.

Impact Factor: 0.68

DOI: no information

Quartile: 4

Editorial: Soc Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

- 39.** Krayzelova, L., J. Bartacek, I. Diaz, D. Jeison, E.I.P. Volcke & P. Jenicek. 2015. Microaeration for hydrogen sulfide removal during anaerobic treatment: a review. *Reviews in Environmental Science and Bio-Technology* 14(4): 703-725.

Impact Factor: 3.333

DOI: 10.1007/s11157-015-9386-2

Quartile: 1

Editorial: Springer, Netherlands

ISSN: 1569-1705

- 40.** Martínez, O.A., D.E. Crowley, M.L. Mora & M.A. Jorquera. 2015. Short-term study shows that phytate-mineralizing rhizobacteria inoculation affects the biomass, phosphorus (P) uptake and rhizosphere properties of cereal plants. *Journal of Soil Science and Plant Nutrition* 15(1): 153-166.

Impact Factor: 0.68

DOI: no information

Quartile: 4

Editorial: Soc Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

- 41. Medel, V.\***, R. Palma, D. Mercado, R. Rebolledo, A. Quiroz & A. Mutis. 2015. The effect of protease inhibitors on digestive proteolytic activity in the raspberry weevil, *Aegorhinus superciliosus* (Coleoptera: Curculionidae). *Neotropical Entomology* 44(1): 77-83.

Impact Factor: 0.85

DOI: 10.1007/s13744-014-0250-9

Quartile: 3

Editorial: Entomological Soc. Brazil, Brazil

ISSN: 1519-566X

- 42. Medina, J.\***, S. Meier, R. Rubio, G. Curaqueo, F. Borie, P. Aguilera, F. Oehl & P. Cornejo. 2015. Arbuscular mycorrhizal status of pioneer plants from the mouth of lake Budi, Araucania Region, Chile. *Journal of Soil Science and Plant Nutrition* 15(1): 142-152.

Impact Factor: 0.68

DOI: no information

Quartile: 4

Editorial: Soc Chilena Ciencia Suelo, Chile

ISSN: 0718-9516





- 43. Medina, J.\***, C. Monreal, J.M. Barea, C. Arriagada, F. Borie & P. Cornejo. 2015. Crop residue stabilization and application to agricultural and degraded soils: A review. *Waste Management* 42: 41-54.  
Impact Factor: 3.22  
DOI: 10.1016/j.wasman.2015.04.002  
Quartile: 1  
Editorial: Pergamon-Elsevier Science Ltd, England  
ISSN: 0956-053X
- 44. Medina, C.**, M. Rubilar, C. Shene, S. Torres & **M. Verdugo\***. 2015. Protein fractions with techno-functional and antioxidant properties from *Nannochloropsis gaditana* microalgal biomass. *Journal of Biobased Materials and Bioenergy* 9(4): 417-425.  
Impact Factor: not available  
DOI: not available  
Quartile: not available  
Editorial: not available  
ISSN: not available
- 45. Meier, L.\***, R. Perez, L. Azocar, M. Rivas & D. Jeison. 2015. Photosynthetic CO<sub>2</sub> uptake by microalgae: An attractive tool for biogas upgrading. *Biomass and Bioenergy* 73: 102-109.  
Impact Factor: 3.394  
DOI: 10.1016/j.biombioe.2014.10.032  
Quartile: 1  
Editorial: Pergamon-Elsevier Science Ltd, England  
ISSN: 0961-9534
- 46. Meier, S.**, P. Cornejo, P. Cartes, F. Borie, **J. Medina\*** & R. Azcon. 2015. Interactive effect between Cu-adapted arbuscular mycorrhizal fungi and biotreated agrowaste residue to improve the nutritional status of *Oenothera picensis* growing in Cu-polluted soils. *Journal of Plant Nutrition and Soil Science* 178(1): 126-135.  
Impact Factor: 1.663  
DOI: 10.1002/jpln.201400092  
Quartile: 2  
Editorial: Wiley-V C H Verlag GMBH, Germany  
ISSN: 1436-8730
- 47. Mendoza, L.**, A. Ribera, A. Saavedra, E. Silva, R. Araya-Maturana & M. Cotoras. 2015. Action mechanism for 3 beta-hydroxykaurenoic acid and 4,4-dimethylantracene-1,9,10(4H)-trione on *Botrytis cinerea*. *Mycologia* 107(4):661-666.  
Impact Factor: 2.471  
DOI: 10.3852/14-162  
Quartile: 2  
Editorial: Allen Press Inc, USA  
ISSN: 0027-5514
- 48. Muñoz, E.** & R. Navia. 2015. Waste management in touristic regions. *Waste Management & Research* 33(7): 593-594.  
Impact Factor: 1.297  
DOI: 10.1177/0734242X15594982



Quartile: 3

Editorial: Sage Publications Ltd, England

ISSN: 0734-242X

49. Muñoz, E., S. Vargas & R. Navia. 2015. Environmental and economic analysis of residual woody biomass transport for energetic use in Chile. *International Journal of Life Cycle Assessment* 20(7): 1033-1043.  
Impact Factor: 3.988  
DOI: 10.1007/s11367-015-0891-x  
Quartile: 1  
Editorial: Springer Heidelberg, Germany  
ISSN: 0948-3349
50. **Muñoz, R.\***, R. Navia, G. Ciudad, C. Tessini, D. Jeison, R. Mella, C. Rabert & L. Azócar. 2015. Preliminary biorefinery process proposal for protein and biofuels recovery from microalgae. *Fuel* 150: 425-433.  
Impact Factor: 3.52  
DOI: 10.1016/j.fuel.2015.02.004  
Quartile: 1  
Editorial: Elsevier Sci Ltd, England  
ISSN: 0016-2361
51. **Muñoz, R.\***, I. Reyes, G. Ciudad, D. Jeison & R. Navia. 2014. Biodiesel microfiltration dynamics during transesterification of rapeseed oil. *Journal of Biobased Materials and Bioenergy* 8(5): 506-511.  
Impact Factor: 0.653  
DOI: 10.1166/jbmb.2014.1469  
Quartile: 4  
Editorial: Amer Scientific Publishers, USA  
ISSN: 1556-6560
52. Muñoz, R., **L. Meier\***, I. Diaz & D. Jeison. 2015. A review on the state-of-the-art of physical/chemical and biological technologies for biogasupgrading. *Biomass and Bioenergy* 73: 102-109.  
Impact Factor: 3.333  
DOI: 10.1007/s11157-015-9379-1  
Quartile: 1  
Editorial: Springer, Netherlands  
ISSN: 1569-1705
53. Navia, R. & R. Muñoz. 2015. Biotechnologies for gaseous emissions and by-products management in waste treatment facilities. *Waste Management & Research* 33(11): 945-946.  
Impact Factor: 1.297  
DOI: 10.1177/0734242X15612667  
Quartile: 3  
Editorial: Sage Publications Ltd, England  
ISSN: 0734-242X
54. Neumann, P., **A. Torres\***, F.G. Feroso, R. Borja & D. Jeison. 2015. Anaerobic co-digestion of lipid-spent microalgae with waste activated sludge and glycerol in batch mode. *International Biodeterioration & Biodegradation* 100: 85-88.  
Impact Factor: 2.131



DOI: 10.1016/j.ibiod.2015.01.020

Quartile: 2

Editorial: Elsevier Sci Ltd, England

ISSN: 0964-8305

55. Pavés, J., F. Cabrera, L. Azocar, A. Torres & D. Jeison. 2015. Ultrafiltration of non-axenic microalgae cultures: Energetic requirements and filtration performance. *Algal Research-Biomass Biofuels and Bioproducts* 10: 121-127.

Impact Factor: 5.014

DOI: 10.1016/j.algal.2015.04.022

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 2211-9264

56. Piornos, J.A., C. Burgos-Diaz, T. Ogura, E. Morales, M. Rubilar, I. Maureira-Butler & H. Salvo-Garrido. 2015. Functional and physicochemical properties of a protein isolate from AluProt-CGNA: A novel protein-rich lupin variety (*Lupinus luteus*). *Food Research International* 76: 719-724.

Impact Factor: 2.818

DOI: 10.1016/j.foodres.2015.07.013

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0963-9969

57. **Pontigo, S.\***, A. Ribera, L. Gianfreda, M.L. Mora, M. Nikolic & P. Cartes. 2015. Silicon in vascular plants: uptake, transport and its influence on mineral stress under acidic conditions. *Planta* 242(1): 23-37.

Impact Factor: 3.263

DOI: 10.1007/s00425-015-2333-1

Quartile: 1

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