

Publicaciones WoS (ISI) Doctorado en Ciencias de Recursos Naturales

Año: 2011

Publicaciones Totales: 63

Publicaciones Alumnos de Doctorado: 23

Publicaciones Alumnos de Magister: 2

Publicaciones con investigadores extranjeros: 41

1. Acevedo, F.*, L. Pizzul, M.d.P. Castillo, O. Rubilar, M.E. Lienqueo, G. Tortella & M.C. Diez. 2011. A practical culture technique for an enhanced production of manganese peroxidase by the Chilean white-rot fungus *Anthracoophyllum discolor* Sp4. Brazilian Archives of Biology and Technology 54(6): 1175-1186.

Impact Factor: 0.452

DOI: no information

Quartile: 4

Editorial: Inst. Tecnologia Parana, Brazil

ISSN: 1516-8913

2. Acevedo, F.*, L. Pizzul, M.d.P. Castillo, R. Cuevas & M.C. Diez. 2011. Degradation of polycyclic aromatic hydrocarbons by the Chilean white-rot fungus *Anthracoophyllum discolor*. Journal of Hazardous Materials 185(1): 212-219.

Impact Factor: 4.173

DOI: 10.1016/j.hazmat.2010.09.020

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0304-3894

3. Acuña, J.J.*, M. Jorquera, **O. Martinez***, **D. Menezes-Blackburn***, M. Fernandez, P. Marschner, R. Greiner & M.L. Mora. 2011. Indole acetic acid and phytase activity produced by rhizosphere bacilli as affected by pH and metals. Journal of Plant Nutrition and Soil Science 11(3): 1-12.

Impact Factor: 0.661

DOI: 10.4067/S0718-95162011000300001

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0178-9516

4. Aguilera, P.*, F. Borie, **A. Seguel*** & P. Cornejo. 2011. Fluorescence detection of aluminum of arbuscular mycorrhizal fungal structures and glomalin using confocal laser scanning microscopy. Soil Biology and Biochemistry 43(12): 2427-2431.

Impact Factor: 3.504

DOI: 10.1016/j.soilbio.2011.09.001

Quartile: 1

Editorial: Pergamon-Elsevier Science Ltd., England

ISSN: 0038-0717

5. **Azócar, L.***, G. Ciudad, H. Heipieper, R. Muñoz & R. Navia. 2011. Lipase-catalyzed process in an anhydrous medium with enzyme reutilization to produce biodiesel with low acid value. *Journal of Bioscience and Bioengineering* 115(6): 583-589.

Impact Factor: 1.793

DOI: 10.1016/j.biosc.2011.08.001

Quartile: 2

Editorial: Soc. Bioscience Bioengineering Japan, Japan

ISSN: 1389-1723

6. Barea, J.M., J. Palenzuela, P. Cornejo, I. Sánchez-Castro, C. Navarro-Fernández, A. López-García, B. Estrada, R. Azcón, N. Ferrol & C. Azcón-Aguilar. 2011. Ecological and functional roles of mycorrhizas in semi-arid ecosystems of Southeast Spain. *Journal of Arid Environments* 75(12): 1292-1301.

Impact Factor: 1.723

DOI: 10.1016/j.jaridenv.2011.06.001

Quartile: 3

Editorial: Academic Press Ltd., England

ISSN: 0140-1963

7. **Bustamante, M.***, **M.E. Gonzalez***, A. Cartes & M.C. Diez. 2011. Effect of soy lecithin on the enzymatic system of the white-rot fungus *Anthracoophyllum discolor*. *Journal of Industry Microbiology and Biotechnology* 38: 189-197.

Impact Factor: 2.735

DOI: 10.1007/s10295-010-0844-0

Quartile: 2

Editorial: Springer Heidelberg, Germany

ISSN: 1367-5435

8. **Calabi-Floody, M.***, J. Bendall, A. Jara, M. Welland, B. Theng, C. Rumpel & M.L. Mora. 2011. Nanoclays from an Andisol: Extraction, properties and carbon stabilization. *Geoderma* 161(3-4): 159-167.

Impact Factor: 2.318

DOI: 10.1016/j.geoderma.2010.12.013

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0016-7061

9. Cartes, P., L. Gianfreda, C. Paredes & M.L. Mora. 2011. Selenium uptake and its antioxidant role in ryegrass cultivars as affected by selenite seed pelletization. *Journal of Soil Science and Plant Nutrition* 11(4): 1-14.

Impact Factor: 0.661

DOI: 10.4067/S0718-95162011000400001

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0178-9516

10. **Ceballos, R.***, A. Quiroz & G. Palma. 2011. Effects of post-emergence herbicides on in vitro growth of *Fusarium oxysporum* isolated from red clover root rot. *Journal of Soil Science and Plant Nutrition* 11(2): 1-7.

Impact Factor: 0.661

DOI: 10.4067/S0718-95162011000200001

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

11. Ciudad, G., **I. Reyes***, M. Jorquera, **L. Azócar***, R. Briones, L.Y. Wick & R. Navia. 2011. Novel three-phase bioreactor concept for fatty acid alkyl esters production using *R. oryzae* as whole cell catalyst. World Journal of Microbiology and Biotechnology 27(11): 2505-2512.

Impact Factor: 1.532

DOI: 10.1007/s11274-011-0719-1

Quartile: 3

Editorial: Springer, USA

ISSN: 0959-3993

12. Ciudad G., **I. Reyes***, **L. Azócar***, R. Briones, M. Jorquera, L.Y. Wick & R. Navia. 2011. Innovative approaches for effective selection of lipase-producing microorganisms as whole cell catalysts for biodiesel production. New Biotechnol 28(4): 375-381.

Impact Factor: 2.756

DOI: no information

Quartile: 2

Editorial: Elsevier Science BV, Netherlands

ISSN: 1871-6784

13. Coopman, R.E., V.F. Briceño, L.J. Corcuera, M. Reyez-Díaz, D. Alvarez, K. Sáez, J.L. García-Plazaola, M. Alberdi & L.A. Bravo. 2011. Tree size and light availability increase photochemical instead of non-photochemical capacities of *Nothofagus nitida* trees growing in an evergreen temperate rain forest. Tree Physiology 31(10): 1128-1141.

Impact Factor: 2.876

DOI: 10.1093/treephys/tpr094

Quartile: 1

Editorial: Oxford Univ. Press, England

ISSN: 0829-318X

14. **Curaqueo, G.***, J.M. Barea, E. Acevedo, R. Rubio, P. Cornejo & F. Borie. 2011. Effects of different tillage systems on arbuscular mycorrhizal fungal propagules and physical properties in a Mediterranean agroecosystem of Central Chile. Soil and Tillage Research 113(1): 11-18.

Impact Factor: 2.425

DOI: 10.1016/j.still.2011.02.004

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0167-1987

15. Esparza, Y., A. Huaiquil, L. Neira, A. Leyton, M. Rubilar, L. Salazar & C. Shene. 2011. Optimization of process conditions for the production of a prolyl-endopeptidase by *Aspergillus niger* ATCC 11414 in solid state fermentation. Food Science and Biotechnology 20(5): 1323-1330.

Impact Factor: 0.493

DOI: 10.1007/s10068-011-0182-7

Quartile: 4

Editorial: Korean Society Food Science & Technology-Kosfost, South Korea
ISSN: 1226-7708

16. García, M., C. Arriagada, I. García-Romera & J.A. Ocampo. 2011. Are plant cell wall hydrolysing enzymes of saprobe fungi implicated in the biological control of the *Verticillium dahliae* pathogenesis?. Crop Protection 30(1):85-87.

Impact Factor: 1.402

DOI: 10.1016/j.copro.2010.09.007

Quartile: 2

Editorial: Elsevier Sci. Ltd., England

ISSN: 0261-2194

17. González, A.*, N. Moreno, R. Navia & X. Querol. 2011. Development of a non-conventional sorbent from fly ash and its potential use in acid wastewaters neutralization and heavy metal removal. Chemical Engineering Journal 166: 896-905.

Impact Factor: 3.461

DOI: 10.1016/j.cej.2010.11.064

Quartile: 1

Editorial: Elsevier Science S.A., Switzerland

18. Hoffmann, F.G. & J.C. Opazo. 2011. Evolution of the relaxin/insulin-like gene subfamily in placental mammals: implications for its early evolution. Journal of Molecular Evolution 72(1): 72-79.

Impact Factor: 2.274

DOI: 10.1007/s00239-010-9403-6

Quartile: 3

Editorial: Springer, USA

ISSN: 0022-2844

19. Hoffmann, F.G., J.C. Opazo & J.F. Storz. 2011. Differential loss and retention of cytoglobin, myoglobin, and globin-E during the radiation of vertebrates. Genome Biology and Evolution 3: 588-600.

Impact Factor: 4.618

DOI: 10.1093/gbe/evr055

Quartile: 1

Editorial: Oxford Univ. Press, England

ISSN: 1759-6653

20. Inostroza-Blancheteau, C.*, M. Reyes-Díaz, F. Aquea, A. Nunes-Nesi, M. Alberdi & P. Arce-Johnson. 2011. Biochemical and molecular changes in response to aluminum-stress in highbush blueberry (*Vaccinium corymbosum* L.). Plant Physiology and Biochemistry 49(9): 1005-1012.

Impact Factor: 2.838

DOI: 10.1016/j.plaphy.2011.04.009

Quartile: 1

Editorial: Elsevier France-Editions Scientifiques Medicales Elsevier, France

ISSN: 0981-9428

21. Inostroza-Blancheteau, C.*, F. Aquea, M. Reyes-Díaz, M. Alberdi & P. Arce-Johnson. 2011. Identification of aluminum-regulated genes by cDNA-AFLP analysis of roots in two contrasting genotypes of highbush blueberry (*Vaccinium corymbosum* L.). *Molecular Biotechnology* 49(1): 32-41.

Impact Factor: 2.171

DOI: 10.1007/s12033-010-9373-3

Quartile: 3

Editorial: Humana Press Inc., USA

ISSN: 1073-6085

22. Jorquera, M., D. Crowley, P. Marschner, R. Greiner, M. Fernandez, D. Romero, D. Menezes-Blackburn* & M.L. Mora. 2011. Identification of β -propeller phytase-encoding genes in culturable *Paenibacillus* and *Bacillus* spp. from the rhizosphere of pasture plants on volcanic soils. *FEMS Microbiology Ecology* 75(1): 163-172.

Impact Factor: 3.408

DOI: 10.1111/j.1574-6941.2010.00995.x

Quartile: 2

Editorial: Wiley-Blackwell, USA

ISSN: 0168-6496

23. Lienqueo, M.E., A. Mahn, J.C. Salgado & C. Shene. 2011. Mathematical modeling of protein chromatograms. *Chemical Engineering and Technology* 35(1): 46-47.

Impact Factor: 1.366

DOI: 10.1002/ceat.201100282

Quartile: 2

Editorial: Wiley-Blackwell, USA

ISSN: 0930-7516

24. Lillo, A., H. Ramírez, F. Reyes, N. Ojeda & M. Alvear. 2011. Soil biological activities of a temperate forest in altitudinal transect of Conguillío National Park (38 degrees S), Chile. *Bosque* 32(1): 46-56.

Impact Factor: 0.429

DOI: 10.4067/S0717-92002011000100006

Quartile: 4

Editorial: Univ. Austral Chile, Chile

ISSN: 0717-9200

25. Lindeboom, R., G. Smith, D. Jeison, H. Temmink & J. van Lier. 2011. Application of high speed imaging as a novel tool to study particle dynamics in tubular membrane systems. *Journal of Membrane Science* 368(1-2): 95-99.

Impact Factor: 3.850

DOI: 10.1016/j.memsci.2010.11.029

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0376-7388

26. Lobos, G., J.L. Viviani, B. Schnettler, T. Tigero & A. Reyes. 2011. Public instruments for business management in Chilean wine industry: a comparative analysis of discrete choice models. *Ciência e Técnica Vitivinícola* 26(2): 55-62.

Impact Factor: 0.263

DOI: no information

Quartile: 4

Editorial: Estacao Vitivinicola Nacional, Portugal

ISSN: 0254-0223

27. Manosalva, L.**, F. Pardo, F. Perich, A. Mutis, L. Parra, F. Ortega, R. Isaacs & A. Quiroz. 2011. Behavioural responses of red clover root borer to long-chain fatty acids from young red clover (*Trifolium pratense*) roots. *Environmental Entomology* 40(2): 399-404.

Impact Factor: 1.561

DOI: 10.1603/EN100008

Quartile: 2

Editorial: Entomological Soc. Amer., USA

ISSN: 0046-225X

28. Martínez, O.*, M. Jorquera, D. Crowley & M.L. Mora. 2011. Influence of nitrogen fertilisation on pasture culturable rhizobacteria occurrence and the role of environmental factors on their potential PGPR activities. *Biology and Fertility of Soils* 47(8): 875-885.

Impact Factor: 2.319

DOI: 10.1007/s00374-011-0593-x

Quartile: 1

Editorial: Springer, USA

ISSN: 0178-2762

29. Matus, F., C. Hidalgo, C. Monreal, I. Estrada, M. Fuentes & J. Etchevers. 2011. Land use impacts on physical-based soil organic matter fractions on three hillside Ferrasols in Mexico. *Chilean Journal of Agricultural Research* 71(2): 283-292.

Impact Factor: 0.538

DOI: no information

Quartile: 3

Editorial: Inst. Investigaciones Agropecuarias, Chile

ISSN: 0718-5820

30. Meier, S.*, R. Azcón, P. Cartes, F. Borie & P. Cornejo. 2011. Alleviation of Cu toxicity in *Oenothera picensis* by copper-adapted arbuscular mycorrhizal fungi and treated agrowaste residue. *Applied Soil Ecology* 48(2): 117-124.

Impact Factor: 2.368

DOI: 10.1016/j.apsoil.2011.04.005

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0929-1393

31. Menezes-Blackburn, D.*, M. Jorquera, L. Gianfreda, M. Rao, R. Greiner, **E. Garrido*** & M.L. Mora. 2011. Activity stabilization of *Aspergillus niger* and *Escherichia coli* phytases immobilized on allophanic synthetic compounds and montmorillonite nanoclays. *Bioresource Technology* 102(20): 9360-9367.

Impact Factor: 4.980

DOI: 10.1016/j.biortech.2011.07.054

Quartile: 1

Editorial: Elsevier Sci. Ltd., England

ISSN: 0960-8524

32. Mora, M., J. Espinoza, B. Schnettler, G. Echeverría, S. Predieri & R. Infante. 2011. Perceived quality in fresh peaches: an approach through structural equation modeling. *Ciencia e Investigación Agraria* 38(2): 179-190.

Impact Factor: 0.439

DOI: no information

Quartile: 3

Editorial: Pontificia Univ Católica Chile, Chile

ISSN: 0718-1620

33. Morales, A., M. Alvear, E. Valenzuela & F. Borie. 2011. Screening, isolation and selection of phosphate solubilizing and mineralizing fungi from volcanic soils with potential as biofertilizers. *Journal of Soil Science and Plant Nutrition* 11(4): 89-103.

Impact Factor: 0.661

DOI: 10.4067/S0718-95162011000400007

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

34. Muñoz, E. & R. Navia. 2011. Life cycle assessment of solid waste management strategies in a chlor-alkali production facility. *Waste Management & Research* 29(6): 634-643.

Impact Factor: 1.193

DOI: 10.1177/0734242X10379492

Quartile: 3

Editorial: Sage Publications, England

ISSN: 0734-242X

35. Navia R. & H. Heipieper. 2011. The role of energy-efficient biotechnological processes in the waste management industry. *Waste Management & Research* 29(6): 563-564.

Impact Factor: 1.193

DOI: 10.1177/0734242X11409803

Quartile: 3

Editorial: Sage Publications, England

ISSN: 0734-242X

36. Navia, R. & L.R. Radovic. 2011. Residual woody biomass torrefaction: Challenges and opportunities for the waste management sector. *Waste Management & Research* 29(12): 1233-1234.

Impact Factor: 1.193

DOI: 10.1177/0734242X11430273

Quartile: 3

Editorial: Sage Publications, England

ISSN: 0734-242X

37. Nespolo, R.F., L.D. Bacigalupe, C.C. Figueroa, P. Koteja & J.C. Opazo. 2011. Using new tools to solve an old problem: the evolution of endothermy in vertebrates. *Trends in Ecology and Evolution* 26(8): 414-423.

Impact Factor: 15.748

DOI: 10.1016/j.tree.2011.04.004

Quartile: 1

Editorial: Elsevier Science, England

ISSN: 0169-5347

38. Paredes, C.**, **D. Menezes-Blackburn***, P. Cartes, L. Gianfreda & M.L. Mora. 2011. Phosphorus and nitrogen fertilization effect on phosphorus uptake and phosphatase activity in ryegrass and tall fescue grown in a Chilean Andisol. *Soil Science* 176(5): 245-251.

Impact Factor: 1.144

DOI: 10.1097/SS.0b013e3182147fd3

Quartile: 3

Editorial: Lippincott Williams & Wilkins, USA

ISSN: 0038-075X

39. Parra J.C., L. Morales & J. Romero. 2011. Sea surface temperature retrieval from NOAA-AVHRR data: validation of algorithms applied to the north coast of Chile. *Latin American Journal of Aquatic Research* 39(1): 179-183.

Impact Factor: 0.5

DOI: 10.3856/vol39-issue1-fulltext-18

Quartile: 4

Editorial: Univ. Catolica de Valparaíso, Chile

ISSN: 0718-560X

40. Pierron, D., J.C. Opazo, M. Heiske, Z. Papper, M. Uddin, G. Chand, D.E. Wildman, R. Romero, M. Goodman & L. Grossman. 2011. Silencing, positive selection and parallel evolution: busy history of primate cytochromes c. *PLoS One* 6(10): e26269.

Impact Factor: 3.730

DOI: 10.1371/journal.pone.0026269

Quartile: 1

Editorial: Public Library Science, USA

ISSN: 1932-6203

41. Pizarro, C., A. Donoso-Bravo, D. Jeison, G. Ruiz-Filippi & R. Chamy. 2011. Biofilm formation for organic matter and sulphate removal in gas-lift reactors. *Electronic Journal of Biotechnology* 14(4).

Impact Factor: 0.968

DOI: 10.2225/vol14-issue4-fulltext-3

Quartile: 4

Editorial: Univ. Catolica de Valparaiso, Chile

ISSN: 0717-3458

42. Redel, Y., M. Escudey, M. Alvear, C. Jürgen & F. Borie. 2011. Effects of tillage and crop rotation on chemical phosphorus forms and some related biological activities in a Chilean Ultisol. *Soil Use and Management* 27(2): 221-228.

Impact Factor: 1.608

DOI: 10.1111/j.1475-2743.2011.00334.x

Quartile: 2

Editorial: Wiley-Blackwell, USA

ISSN: 0266-0032

43. Reyes, F., A. Lillo, N. Ojeda, M. Reyes & M. Alvear. 2011. Influence of slope and orientation on biological activities in two seasonal changes of a relict forest from central-southern Chile. *Bosque* 32(3): 255-265.

Impact Factor: 0.429

DOI: 10.4067/S0717-92002011000300007

Quartile: no information

Editorial: Univ. Austral Chile, Chile

ISSN: 0304-8799

44. Reyes-Díaz, M., C. Meriño-Gergichevich, E. Alarcón, M. Alberdi & W.J. Horst. 2011. Calcium sulfate ameliorates the effect of aluminum toxicity differentially in genotypes of highbush blueberry (*Vaccinium corymbosum* L.). *Journal of Soil Science and Plant Nutrition* 11(4): 59-78.

Impact Factor: 0.661

DOI: 10.4067/S0718-95162011000400005

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0178-9516

45. Reyes, A., A. Evseev, A. Mahn, V. Bubnovich, R. Bustos & E. Scheuermann. 2011. Effect of operating conditions in freeze-drying on the nutritional properties of blueberries. *International Journal of Food Sciences & Nutrition* 62(3): 303-306.

Impact Factor: 1.151

DOI: 10.3109/09637486.2010.534078

Quartile: 3

Editorial: Informa Healthcare, Inglaterra

ISSN: 0963-7486

46. Rodriguez-Saona, C., **L. Parra***, A. Quiroz & R. Isaacs. 2011. Variation in highbush blueberry floral volatile profiles as a function of pollination status, cultivar, time of day and flower part: implications for flower visitation by bees. *Annals of Botany* 107(8): 1377-1390.

Impact Factor: 4.030

DOI: 10.1093/aob/mcr077

Quartile: 1

Editorial: Oxford Univ Press, England

ISSN: 0305-7364

47. Roig, A., J. Henríquez, M. Alvear & L.A. Salazar. 2011. Análisis morfométrico del número de odontoblastos. *International Journal Morphology* 29(3): 799-805.

Impact Factor: 0.244

DOI: no information

Quartile: 4

Editorial: Soc. Chilena Anatomía, Chile

ISSN: 0717-9502

48. Rosas, A., Z. Rengel, A. Ribera & M.L. Mora. 2011. Phosphorus nutrition alleviates manganese toxicity in *Lolium perenne* and *Trifolium repens*. *Journal of Soil Science and Plant Nutrition* 174(2): 210-219.

Impact Factor: 1.596
DOI: 10.1002/jpln.201000104
Quartile: 2
Editorial: Wiley-Blackwell, USA
ISSN: 1436-8730

49. Rubilar, M., C. Jara, Y. Poo, F. Acevedo, C. Gutiérrez, J. Sineiro & C. Shene. 2011. Extracts of Maqui (*Aristotelia chilensis*) and Murta (*Ugni molinae* Turcz.): A source of antioxidant compounds and α -glucosidase/ α -amylase inhibitors. *Journal of Agricultural and Food Chemistry* 59(5): 1630-1637.

Impact Factor: 2.823
DOI: 10.1021/jf103461k
Quartile: 1
Editorial: Amer. Chemical Soc., USA
ISSN: 0021-8561

50. Rubilar, O., G. Tortella, M. Cea, F. Acevedo, M. Bustamante, L. Gianfreda & M.C. Diez. 2011. Bioremediation of a Chilean Andisol contaminated with pentachlorophenol (PCP) by solid substrate cultures of white-rot fungi. *Biodegradation* 22(7): 31-41.

Impact Factor: 2.017
DOI: 10.1007/s10532-010-9373-9
Quartile: 3
Editorial: Springer, USA
ISSN: 0923-9820

51. Saavedra, N., L. Barrientos, C.L. Herrera, M. Alvear, G. Montenegro & L.A. Salazar. 2011. Efecto de propóleos chilenos sobre la bacteria cariogénica *Lactobacillus fermentum*. *Ciencia e Investigación Agraria* 38(1): 117-125.

Impact Factor: 0.439
DOI: 10.4067/S0718-16202011000100011
Quartile: 3
Editorial: Pontificia Univ. Católica Chile, Chile
ISSN: 0718-1620

52. Schalchli, H.*, E. Hormazabal, J. Becerra, M. Birkett, M. Alvear, J. Vidal & A. Quiroz. 2011. Antifungal activity of volatile metabolites emitted by mycelia cultures of saprophytic fungi. *Chemistry and Ecology* 27(6): 503-513.

Impact Factor: 0.615
DOI: 10.1080/02757540.2011.596832
Quartile: 4
Editorial: Taylor & Francis Ltd., England
ISSN: 0275-7540

53. Schnettler, B., P. Reyes, J. Henríquez, P. Ruff, J. Sepúlveda, M. Denegri, H. Miranda, N. Sepúlveda & G. Lobos. 2011. Preferencias hacia carne de cordero en supermercados de Temuco, Región de La Araucanía, Chile. *Revista Científica Facultad de Ciencias Veterinarias* 21(5): 388-395.

Impact Factor: 0.184
DOI: no information
Quartile: 4

Editorial: Univ Zulia, Venezuela

ISSN: 0798-2259

54. Schnettler, B., H. Miranda, J. Sepúlveda, M. Denegri, M. Mora & G. Lobos. 2011. Preferences for berries among consumers in southern Chile: blueberries are produced but are they consumed? *Journal of Food Science* 76(7): S458-464.

Impact Factor: 1.658

DOI: 10.1111/j.1750-3841.2011.02334.x

Quartile: 2

Editorial: Wiley-Blackwell, USA

ISSN: 0022-1147

55. Schnettler, B., H. Miranda, J. Sepúlveda, M. Denegri & N. Sepúlveda. 2011. Importancia del origen en la compra de la carne de pollo en la zona centro-sur de Chile. *Revista Científica Facultad de Ciencias Veterinarias* 21(4): 317-326.

Impact Factor: 0.184

DOI: no information

Quartile: 4

Editorial: Univ Zulia, Venezuela

ISSN: 0798-2259

56. Schnettler, B., H. Miranda, J. Sepúlveda, M. Denegri, M. Mora & G. Lobos. 2011. Satisfacción con la alimentación en personas Mapuche en la Región Metropolitana de Santiago, Chile. *Archivos Latinoamericanos de Nutrición* 61(2): 172-182.

Impact Factor: 0.228

DOI: no information

Quartile: 4

Editorial: Archivos Latinoamericanos Nutrition, Venezuela

ISSN: 0004-0622

57. Schnettler, B., H. Miranda, G. Lobos, J. Sepúlveda & M. Denegri. 2011. A study of the relationship between degree of ethnocentrism and typologies of food purchase in supermarkets in central-southern Chile. *Appetite* 56(3): 704-712.

Impact Factor: 2.585

DOI: 10.1016/j.appet.2011.02.007

Quartile: 2

Editorial: Academic Press Ltd-Elsevier Science Ltd., England

ISSN: 0195-6663

58. Storz, J.F., F.G. Hoffmann, J.C. Opazo, T.J. Sanger & H. Moriyama. 2011. Developmental regulation of hemoglobin synthesis in the green anole lizard, *Anolis carolinensis*. *Journal of Experimental Biology* 214(4): 575-581.

Impact Factor: 2.996

DOI: 10.1242/jeb.050443

Quartile: 1

Editorial: Company of Biologist Ltd., England

ISSN: 0022-0949

59. Storz, J.F., J.C. Opazo & F.G. Hoffmann. 2011. Phylogenetic diversification of the globin gene superfamily in chordates. *IUBMB Life* 63(5): 313-322.

Impact Factor: 3.514

DOI: 10.1002/iub.482

Quartile: 2

Editorial: Wiley-Blackwell, USA

ISSN: 1521-6543

60. Toro, C., **P. Hidalgo*** & R. Navia. 2011. Development of polyesters from glycerol for Na removal in biodiesel refining. *Journal of Biobased Materials & Bioenergy* 5(1): 55-62.

Impact Factor: 1.037

DOI: 10.1166/jbmb.2011.1114

Quartile: 3

Editorial: Amer. Scientific Publishers, USA

ISSN: 1556-6560

61. Torres, A.*, A. Hemmelmann, C. Vergara & D. Jeison. 2011. Application of two-phase slug-flow regime to control flux reduction on anaerobic membrane bioreactors treating wastewaters with high suspended solids concentration. *Separation and Purification Technology* 79(1): 20-25.

Impact Factor: 2.921

DOI: 10.1016/j.seppur.2011.03.006

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 1383-5866

62. Zapata, N., M. Vargas, M. Monsalvez & R. Ceballos. 2011. Growth inhibition of *Gaeumannomyces graminis* var. *Tritici* using crude extracts from *Drimys winteri* bark. *Chilean Journal of Agricultural Research* 71(1): 45-51.

Impact Factor: 0.663

DOI: no information

Quartile: 3

Editorial: Inst. Investigaciones Agropecuarias

ISSN: 0718-5820

63. Zavala, A., M. Elgueta, J. Abarzúa, A. Aguilera, A. Quiroz & R. Rebolledo. 2011. Diversidad y distribución de especies de *Aegorhinus* (Coleoptera: Curculionidae), en la Región de La Araucanía, Chile. *Ciencia e Investigación Agraria* 38: 367-377.

Impact Factor: 0.439

DOI: no information

Quartile: 4

Editorial: Pontificia Univ Católica Chile, Chile

ISSN: 0718-1620

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** = Alumno(s) de Magister