

Publicaciones WoS (ISI) Doctorado en Ciencias de Recursos Naturales

Año: 2012

Publicaciones Totales: 74

Publicaciones Alumnos de Doctorado: 16

Publicaciones Alumnos de Magister: 0

Publicaciones con investigadores extranjeros: 41

1. Acevedo, F., M. Rubilar, C. Shene, P. Navarrete, F. Romero, C. Rabert, P. Jolivet, B. Valot & T. Chardot. 2012. Seed oil bodies from *Gevuina avellana* and *Madia sativa*. *Journal of Agricultural and Food Chemistry* 60(28): 6994-7004.

Impact Factor: 2.906

DOI: 10.1021/jf301390d

Quartile: 1

Editorial: Amer. Chemical Soc., USA

ISSN: 0021-8561

2. Agostini, F., C. Sundberg & R. Navia. 2012. Is biodegradable waste a porous environment?: A review. *Waste Management & Research* 30(10): 1001-1015.

Impact Factor: 1.047

DOI: 10.1177/0734242X12452444

Quartile: 4

Editorial: Sage Publications, England

ISSN: 0734-242X

3. Alberdi, M. & R. Godoy. 2012. Prof. em. Dr. Dr. h. c. Eleonore Steubing (Obituary). *Gayana Botánica* 69(1): VII-VIII.

Impact Factor: no information

DOI: no information

Quartile: 4

Editorial: Ediciones Univ Concepcion, Chile

ISSN: 0016-5301

4. Aranda, E., I. Sampedro, M. García-Sánchez, R. Reina, C. Arriagada, J.A. Ocampo & I. García-Romera. 2012. Reduced dry olive residue phytotoxicity in the field by the combination of physical and biological treatments. *Journal of Soil Science and Plant Nutrition* 12(4): 631-635.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162012005000006

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

5. Arriagada, C., D. Manquel, P. Cornejo, J. Soto, I. Sampedro & J. Ocampo. 2012. Effects of the co-inoculation with saprobe and mycorrhizal fungi on *Vaccinium corymbosum* growth and some soil enzymatic activities. *Journal of Soil Science and Plant Nutrition* 12(2): 283-294.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162012000200008

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

6. Arriagada, C., M. García-Sánchez, R. Díaz, I Sampedro, I. García-Romera & J.A. Ocampo. 2012. Suppressive effect of olive residue and saprobe fungi on the growth of *Verticillium dahliae* and its effect on the dry weight of tomato (*Solanum lycopersicum* L.). *Journal of Soil Science and Plant Nutrition* 12(2): 303-313.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162012000200010

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

7. Arroyo, J.I., F.G. Hoffmann & J.C. Opazo. 2012. Gene duplication and positive selection explains unusual physiological roles of the relaxin gene in the European rabbit. *Journal of Molecular Evolution* 74(1-2): 52-60.

Impact Factor: 2.145

DOI: 10.1007/s.00239-012-9487-2

Quartile: 3

Editorial: Springer, USA

ISSN: 0022-2844

8. Arroyo, J.I., F.G. Hoffmann & J.C. Opazo. 2012. Gene turnover and differential retention in the relaxin/insulin-like gene family in primates. *Molecular Phylogenetics and Evolution* 63(3): 768-776.

Impact Factor: 4.066

DOI: 10.1016/j.ympev.2012.02.011

Quartile: 2

Editorial: Academic Press INC Elsevier Science, USA

ISSN: 1055-7903

9. Arroyo, J.I., F.G. Hoffmann, S. Good & J.C. Opazo. 2012. INSL4 pseudogenes help define the relaxin family repertoire in the common ancestor of placental mammals. *Journal of Molecular Evolution* 75(1-2): 73-78.

Impact Factor: 2.145

DOI: 10.1007/s00239-012-9517-0

Quartile: 3

Editorial: Springer, USA

ISSN: 0022-2844

10. Barnett, A.A., L.P. Pinto, J.C. Bicca-Marques, S.F. Ferrari, M. Gordo, P.G. Guedes, M.A. Lopes, J.C. Opazo, M. Port-Carvalho, R. Rodrigues dos Santos, W.R. Spironello, L.M. Veiga, T. Martins Vieira & S.A. Boylea. 2012. Proposal for the common names for species of Chiropotes (Pitheciinae: Primates). *Zootaxa* 3507: 79-83.

Impact Factor: 0.974

DOI: no information

Quartile: 3

Editorial: Magnolia Press, New Zealand

ISSN: 1175-5326

11. Bascuñán-Godoy, L., C. Sanhueza, M. Cuba, G.E. Zúñiga, L.J. Corcuera & L.A. Bravo. 2012. Cold-acclimation limits low temperature induced photoinhibition by promoting a higher photochemical quantum yield and a more effective PSII restoration in darkness in the Antarctic rather than the Andean ecotype of *Colobanthus quitensis* Kunt Bartl (Cariophyllaceae). *BMC Plant Biology* 12: 114.

Impact Factor: 4.354

DOI: 10.1186/1471-2229-12-114

Quartile: 1

Editorial: Biomed. Central Ltd., England

ISSN: 1471-2229

12. Briceño, G., M. Fuentes, M. Jorquera, G. Palma, M.J. Amoroso & M.C. Diez. 2012. Chlorpyrifos biodegradation and 3,5,6-trichloro-2-pyridinol production by actinobacterias isolated from soil. *International Biodeterioration & Biodegradation* 73: 1-7.

Impact Factor: 2.059

DOI: 10.1016/j.ibiod.2012.06.002

Quartile: 2

Editorial: Elsevier Sci. Ltd., England

ISSN: 0964-8305

13. Bustamante, M., N. Durán & M.C. Diez. 2012. Biosurfactants are useful tools for the bioremediation of contaminated soil-Review. *Journal of Soil Science and Plant Nutrition* 12(4): 667-687.

Impact Factor: 0.779

DOI: 10.4067/S0718-05162012005000012

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

14. Calabi-Floody, M.*, G. Velasquez, L. Gianfreda, S. Saggari, N. Bolan, C. Rumpel & M.L. Mora. 2012. Improving bioavailability of phosphorous from cattle dung by using phosphatase immobilized on natural clay and nanoclay. *Chemosphere* 89(6): 648-655.

Impact Factor: 3.137

DOI: 10.1016/j.chemosphere.2012.05.107

Quartile: 1

Editorial: Pergamon-Elsevier Science Ltd., England

ISSN: 0045-6535

15. Candia, O.*, M.L. Mora, R. Demanet, G. Briceño & G. Palma. 2012. Effect of liquid cow manure amendment persistence in a volcanic soil. *Journal of Soil Science and Plant Nutrition* 12(1): 153-163.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162012000100013

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

16. Cartes, P., M. McManus, C. Wulff-Zottele, S. Leung, A. Gutierrez & M.L. Mora. 2012. Differential superoxide dismutase expression in ryegrass cultivars in response to short term aluminium stress. *Plant and Soil* 350(1-2): 353-363.

Impact Factor: 2.638

DOI: 10.1007/s11104-011-0919-3

Quartile: 1

Editorial: Springer, Netherlands

ISSN: 0032-079X

17. Castillo, C., F. Puccio, D. Morales, F. Borie & E. Sieverding. 2012. Early arbuscular mycorrhizal colonization on wheat barley and oats in Andosols of Southern Chile. *Journal of Soil Science and Plant Nutrition* 12(3): 511-524.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162012005000015

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

18. Curifuta, M., J. Vidal, J. Sánchez, A. Contreras, L. Salazar & M. Alvear. 2012. *In vitro* antifungal evaluation of a commercial extract of Chilean propolis against six fungi of agricultural value. *Ciencia e Investigación Agraria* 39(2): 347-359.

Impact Factor: 0.310

DOI: no information

Quartile: 4

Editorial: Pontificia Univ. Católica Chile, Chile

ISSN: 0718-1620

19. Dereli, R.K., M.E. Ersahin, H. Ozgun, I. Ozturk, D. Jeison, F. van der Zee, & J.B. van Lier. 2012. Potentials of anaerobic membrane bioreactors to overcome treatment limitations induced by industrial wastewaters. *Bioresource Technology* 122(1): 160-170.

Impact Factor: 4.750

DOI: 10.1016/j.biortech.2012.05.139

Quartile: 1

Editorial: Elsevier Sci. Ltd., England

ISSN: 0960-8524

20. Diez, M.C., F. Gallardo, G. Tortella, O. Rubilar, R. Navia & C. Bornhardt. 2012. Chlorophenols degradation in soil columns inoculated with *Anthracyllum discolor* immobilized on wheat grains. *Journal of Environmental Management* 95: S83-S87.

Impact Factor: 3.057

DOI: 10.1016/j.jenvman.2010.09.024

Quartile: 1

Editorial: Academic Press Ltd-Elsevier Science, England

ISSN: 0301-4797

21. Elgueta, S.*, O. Rubilar, N. Lima & M.C. Diez. 2012. Selection of white-rot fungi to formulate complex and coated pellets for Reactive Orange 165 decolorization. *Electronic Journal of Biotechnology* 16(6): 10.

Impact Factor: 0.827

DOI: 10.2225/vol 15-issue 6-fulltext-10

Quartile: 4

Editorial: Univ. Católica de Valparaíso, Chile

ISSN: 0717-3458

22. Farías, J.G., A.B. Zepeda & G.M. Calaf. 2012. Melatonin protects the heart, lungs and kidneys from oxidative stress under intermittent hypobaric hypoxia in rats. *Biological Research* 45(1): 81-85.

Impact Factor: 1.129

DOI: no information

Quartile: 3

Editorial: Soc. Biología Chile, Chile

ISSN: 0716-9760

23. Fernández-Alberti, S., O. Rubilar, G.R. Tortella & M.C. Diez. 2012. Chlorpyrifos degradation in a biomix: effect of pre-incubation and water holding capacity. *Journal of Soil Science and Plant Nutrition* 12(4): 785-799.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162012005000027

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

24. Fuentes, B., E. Dixon, M.L. Mora, B. Turner & R. Bol. 2012. Dissolved phosphorus composition of grassland leachates following application of dairy-slurry size fractions. *Journal of Plant Nutrition and Soil Science* 175(1): 78-85.

Impact Factor: 1.380

DOI: 10.1002/jpln.201100126

Quartile: 3

Editorial: Wiley-Blackwell, USA

ISSN: 1436-7830

25. Gallardo, F., M. Cea, G.R. Tortella & M.C. Diez. 2012. Effect of pulp mill sludge on soil characteristics, microbial community and vegetal production of *Lolium perenne*. *Journal of Environmental Management* 95: S193-S198.

Impact Factor: 3.057

DOI: 10.1016/j.jenvman.2010.11.001

Quartile: 1

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

ISSN: 0301-4797

26. Gallardo, J., L.A. Bravo & L.J. Corcuera. 2012. Leaf seasonal accumulation of a 47-kDa dehydrin and changes in its cryoprotective activity in *Nothofagus dombeyi* (Mirb.) Blume. *Gayana Botánica* 69(1): 1-8.

Impact Factor: 0.343

DOI: no information

Quartile: 4

Editorial: Ediciones Univ. Concepción, Chile

ISSN: 0016-5301

27. Garcés, L., E. Contreras, M.C. Diez & C. Palma. 2012. An alternative, banana peel-based medium used to investigate the catalytic properties of peroxidase from a fungus, *Inonotus* sp SP2, recently isolated in Southern Chile. *Biotechnology and Bioprocess Engineering* 17(5): 972-980.

Impact Factor: 1.277

DOI: 10.1007/s12257-012-0295-8

Quartile: 3

Editorial: Korean Soc. Biotechnology & Bioengineering, South Korea

ISSN: 1226-8372

28. Garrido, E. & F. Matus. 2012. Are organo-mineral complexes and allophane content determinant factors for the carbon level in Chilean volcanic soils? *Catena* 92: 106-112.

Impact Factor: 1.881

DOI: 10.1016/j.catena.2011.12.003

Quartile: 2

Editorial: Elsevier Science BV, Netherlands

ISSN: 0341-8162

29. Garrido-Ramirez, E.*, M. Sivaiah, J. Barrault, S. Valange, B. Theng, M. Ureta-Zañartu & M.L. Mora. 2012. Catalytic wet peroxide oxidation of phenol over iron or copper oxide-supported allophane clay materials: Influence of catalyst SiO₂/Al₂O₃ ratio. *Microporous and Mesoporous Materials* 162: 189-198.

Impact Factor: 3.365

DOI: 10.1016/j.micromeso.2012.06.038

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 1387-1811

30. González, M.E.*, A. González, C.A. Toro, M. Cea, S. Noelia, M.C. Diez & R. Navia. 2012. Biochar as a renewable matrix for the development of novel added value bioproducts. *Journal of Biobased Materials and Bioenergy* 6(3): 237-248.

Impact Factor: 0.826

DOI: 10.1166/jbmb.2012.1224

Quartile: 4

Editorial: Amer. Scientific Publishers, USA

ISSN: 1556-6560

31. Hoffmann, F.G., J.C. Opazo & J.F. Storz. 2012. Whole-genome duplications spurred the functional diversification of the globin gene superfamily in vertebrates. *Molecular Biology and Evolution* 29(1): 303-312.

Impact Factor: 10.353

DOI: 10.1093/molbev/msr207

Quartile: 1

Editorial: Springer, USA

ISSN: 0022-2844

32. Hoffmann, F.G., J.C. Opazo, D. Hoogewijs, T. Hankeln, B. Ebner, S. Vinogradov & J.F. Storz. 2012. Evolution of the globin gene family in deuterostomes: lineage-specific patterns of diversification and attrition. *Molecular Biology and Evolution* 29(7): 1735-1745.

Impact Factor: 10.353

DOI: 10.1093/molbev/mss018

Quartile: 3

Editorial: Oxford Univ. Press, England

ISSN: 0737-4038

33. Inostroza-Blancheteau, C.*, Z. Rengel, M. Alberdi, M.L. Mora, F. Aquea, P. Arce-Johnson & M. Reyes-Díaz. 2012. Molecular and physiological strategies to increase aluminum resistance in plants. *Molecular Biology Reports* 39(3): 2069-2079.

Impact Factor: 2.506

DOI: 10.1007/s11033-011-0954-4

Quartile: 3

Editorial: Springer, Netherlands

ISSN: 0301-4851

34. Jorquera, M., B. Shaharoon, S. Nadeem, M.L. Mora & D. Crowley. 2012. Plant growth-promoting rhizobacteria associated with ancient clones of creosote bush (*Larrea tridentata*). *Microbial Ecology* 64(4): 1008-1017.

Impact Factor: 3.277

DOI: 10.1007/s00248-012-0071-5

Quartile: 2

Editorial: Springer, USA

ISSN: 0095-3628

35. Meier, S.*, F. Borie, G. Curaqueo, N. Bolan & P. Cornejo. 2012. Effects of arbuscular mycorrhizal inoculation on metallophyte and agricultural plants growing at increasing copper levels. *Applied Soil Ecology* 61: 280-287.

Impact Factor: 2.106

DOI: 10.1016/j.apsoil.2011.10.018

Quartile: 2

Editorial: Elsevier Science BV, Netherlands

ISSN: 0929-1393

36. Meier, S.*, F. Borie, N. Bolan & P. Cornejo. 2012. Phytoremediation of metal polluted soils by arbuscular mycorrhizal fungi. *Critical Reviews in Environmental Science and Technology* 42(7): 741-775.

Impact Factor: 3.383

DOI: 10.1080/10643389.2010.528518

Quartile: 1

Editorial: Taylor & Francis, USA

ISSN: 1064-3389

37. Meier, S.*, M. Alvear, F. Borie, P. Aguilera, R. Ginocchio & P. Cornejo. 2012. Influence of copper on root exudate patterns in some metallophytes and agricultural plants. *Ecotoxicology and Environmental Safety* 75: 8-15.

Impact Factor: 2.203

DOI: 10.1016/j.ecoenv.2011.08.029

Quartile: 3

Editorial: Academic Press Inc. Elsevier Science, USA

ISSN: 1064-3389

38. Morales, L., J.C. Parra, F. Lang, R. Abarca & **E. Jorquera***. 2012. Simple linear algorithm to estimate the space-time variability of precipitable water in the Araucanía Region, Chile. *Journal of Soil Science and Plant Nutrition* 12(2): 295-302.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162012000200009

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

39. Muci, A., M. Jorquera, A. Avila, Z. Rengel, D. Crowley & M.L. Mora. 2012. A combination of cellular automata and agent-based models for simulating the root surface colonization by bacteria. *Ecological Modelling* 247: 1-10.

Impact Factor: 2.069

DOI: 10.1016/j.ecolmodel.2012.07.035

Quartile: 2

Editorial: Elsevier Science BV, Netherlands

ISSN: 0304-3800

40. Muñoz, C., P. Torres, M. Alvear & E. Zagal. 2012. Physical protection of C and greenhouse gas emissions provided by soil macroaggregates from a Chilean cultivated volcanic soil. *Acta Agriculturae Scandinavica, Section B-Plant Soil Science* 62(8): 739-748.

Impact Factor: 0.705

DOI: 10.1080/09064710.2012.700317

Quartile: 4

Editorial: Taylor & Francis AS, Norway

ISSN: 0906-4710

41. Naverrete-Gallegos, A., L.A. Bravo, M.A. Molina-Montenegro & L.J. Corcuera. 2012. Respuestas atioxidantes en dos ecotipos de *Colobanthus quitensis* (Caryophyllaceae) expuestos a alta radiación UV-B y baja temperatura. *Revista Chilena de Historia Natural* 85(4): 419-433.

Impact Factor: 0.929

DOI: no information

Quartile: 3

Editorial: Soc. Biología Chile, Chile

ISSN: 0716-078X

42. Navia, R. & M. Mittelbach. 2012. Could sewage sludge be considered a source of waste lipids for biodiesel production? *Waste Management & Research* 30(9): 873-874.

Impact Factor: 1.047

DOI: 10.1177/0734242X12458074

Quartile: 4

Editorial: Sage Publications, England

ISSN: 0734-242X

43. Navia, R. & A.K. Mohanty. 2012 Resources and waste management in a bio-based economy. *Waste Management & Research* 30(3): 215-216.

Impact Factor: 1.047

DOI: 10.1177/0734242X12439455

Quartile: 4

Editorial: Sage Publications, England

ISSN: 0734-242X

44. Nery, M.F., D.J. González, F.G. Hoffmann & J.C. Opazo. 2012. Resolution of the laurasiatherian phylogeny: evidence from genomic data. *Molecular Phylogenetics and Evolution* 64(3): 685-689.

Impact Factor: 4.066

DOI: 10.1016/j.ympev.2012.07.012

Quartile: 2

Editorial: Academic Press INC Elsevier Science, USA

ISSN: 1055-7903

45. Palma, R.*, A. Mutis, L. Manosalva*, R. Ceballos & A. Quiroz. 2012. Behavioral and electrophysiological responses of *Hylastinus obscurus* to volatiles released from the roots of *Trifolium pratense* L. *Journal of Soil Science and Plant Nutrition* 12(1): 183-193.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162012000100015

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

46. Panichini, M.*, F. Matus, R. Godoy, N.S. Bolan & F. Borie. 2012. Carbon distribution in top-and subsoil horizons of two contrasting Andisols under pasture or forest. *European Journal of Soil Science* 63(5): 616-624.

Impact Factor: 2.651

DOI: 10.1111/j.1365-2389.2012.01488.x

Quartile: 1

Editorial: Wiley-Blackwell, USA

ISSN: 1351-0754

47. Pigna, M., A. Caporale, V. Cozzolino, C. Fernández, M.L. Mora, A. Sommella & A. Violante. 2012. Influence of phosphorus on the arsenic uptake by tomato (*Solanum lycopersicum* L.) irrigated with arsenic solutions at four different concentrations. *Journal of Soil Science and Plant Nutrition* 12(4): 775-784.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162013005000019

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0178-9516

48. Ramirez, J.C. & J. Bachmann. 2012. Assessing and predicting granular materials hydrophobicity by parametrizing a general equation of state. *Journal of Plant Nutrition and Soil Science* 175(3): 355-366.

Impact Factor: 1.380

DOI: 10.1002/jpln.201000417

Quartile: 2

Editorial: Wiley-V CH Verlag, Alemania

ISSN: 1436-8730

49. Rebolledo, R., J. Abarzúa, A. Zavala, A. Quiroz, M. Alvear & A. Aguilera. 2012. The effect of the essential oil and hydrolate of canelo (*Drimys winteri*) on adult of *Aegorhinus superciliosus*. *Ciencia e Investigación Agraria* 39: 481-488.

Impact Factor: 0.310

DOI: no information

Quartile: 4

Editorial: Pontificia Univ. Católica Chile, Chile

ISSN: 0304-5609

50. Reyes, I.*, G. Ciudad, M. Misra, A. Mohanty, D. Jeison & R. Navia. 2012. Novel sequential batch membrane reactor to increase fatty acid methyl esters quality at low methanol to oil molar ratio. *Chemical Engineering Journal* 197(1): 459-467.

Impact Factor: 3.473

DOI: 10.1016/j.cej.2012.05.038

Quartile: 1

Editorial: Elsevier Science SA, Switzerland

ISSN: 1385-8947

51. Reyes, J.G., J.G. Farías, S. Henríquez-Olavarrieta, E.M. Madrid, M. Parraga, A.B. Zepeda & R. Moreno. 2012. The hypoxic testicle: physiology and pathophysiology. *Oxidative Medicine and Cellular Longevity* 2012: 1-15.

Impact Factor: 3.393

DOI: 10.1155/2012/929285

Quartile: 2

Editorial: Hindawi Publishing Corporation, USA

ISSN: 1942-0900

52. Ribera, A.E. & G. Zúñiga. 2012. Induced plant natural products as a source of antifungal against phytopathogenic fungi. *Journal of Soil Science and Plant Nutrition* 12(4): 893-911.

Impact Factor: 0.779

DOI: 10.4067/S0718-95162013005000029

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

53. Rivas, Y., F. Matus, C. Rumpel, H. Knicker & G. Garrido. 2012. Black carbon contribution in volcanic soils affected by wildfire or stubble burning. *Organic Geochemistry* 47: 41-50.

Impact Factor: 2.518

DOI: 10.1016/j.orggeochem.2012.03.007

Quartile: 2

Editorial: Pergamon-Elsevier Ltd., England

ISSN: 0146-6380

54. Rivas, Y., D. Huygens, H. Knicker, R. Godoy, F. Matus & P. Boeckx. 2012. Soil nitrogen dynamics three years after a severe *Araucaria-Nothofagus* forest fire. *Austral Ecology* 37(2): 153-163.

Impact Factor: 1.738

DOI: 10.1111/j.1442-9993.2011.02258.x

Quartile: 3

Editorial: Wiley-Blackwell, USA

ISSN: 1442-9985

55. Rosales, A., N. Saavedra, A. Cuevas, T. Zambrano, M. Alvear & L. Salazar. 2012. Identification of pharmacogenetic predictors of lipid-lowering response to atorvastatin in Chilean subjects with hypercholesterolemia. *Clinica Chimica Acta* 413(3-4): 495-501.

Impact Factor: 2.850

DOI: 10.1016/j.cca.2011.11.003

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0009-8981

56. Rubilar, M., E. Morales, R. Sáez, F. Acevedo, B. Palma, M. Villarroel & C. Shene. 2012. Polyphenolic fractions improved the oxidative stability of microencapsulated linseed oil. *European Journal of Lipid Science and Technology* 114(7): 760-771.

Impact Factor: 2.266

DOI: 10.1002/ejlt.201100230

Quartile: 2

Editorial: Wiley-Blackwell, USA

ISSN: 1438-7697

57. Rubilar, M., E. Morales, K. Contreras, C. Ceballos, F. Acevedo, M. Villarroel & C. Shene. 2012. Development of a soup powder enriched with microencapsulated linseed oil as a source of omega-3. *European Journal of Lipid Science and Technology* 114(4): 423-433.

Impact Factor: 2.266

DOI: 10.1002/ejlt.201100378

Quartile: 2

Editorial: Wiley-Blackwell, USA

ISSN: 1438-7697

58. Rubilar, M., M. Villarroel, M. Paillacar, D. Moenne-Locoz, C. Shene & E. Acevedo. 2012. Native black Michuñe potato variety: characterization, frying conditions and sensory evaluation. *Archivos Latinoamericanos de Nutrición* 62(1): 87-93.

Impact Factor: 0.241

DOI: no information

Quartile: 4

Editorial: Archivos Latinoamericanos de Nutricion, Venezuela

ISSN: 0004-0622

59. Rubilar, O., G.R. Tortella, **R. Cuevas***, M. Cea, S. Rodríguez-Couto & M.C. Diez. 2012. Adsorptive removal of pentachlorophenol (PCP) by *Anthracyllum discolor* in a fixed-bed column reactor. *Water, Air and Soil Pollution* 223(5): 2463-2472.

Impact Factor: 1.748

DOI: 10.1007/s11270-011-1039-7

Quartile: 2

Editorial: Springer, Netherlands

ISSN: 0049-6979

60. Sáez, P.L., L.A. Bravo, M.I. Latsague & D.G. Ríos. 2012. Increased light intensity during *in vitro* culture improves water loss control and photosynthetic performance of *Castanea sativa* grown in ventilated vessels. *Scientia Horticulturae* 138: 7-16.

Impact Factor: 1.396

DOI: 10.1016/j.scienta.2012.02.005

Quartile: 2

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* = Alumno(s) de Doctorado

** = Alumno(s) de Magister