

Publicaciones WoS (ISI) Doctorado en Ciencias de Recursos Naturales

Año: 2014

Publicaciones Totales: 83

Publicaciones Alumnos de Doctorado: 27

Publicaciones Alumnos de Magister: 1

Publicaciones con investigadores extranjeros: 54

1. Acevedo, F., M. Rubilar, I. Cofre, M. Villarroel, P. Navarrete, M. Esparza, F. Romero, E.A. Vilches, **V. Acevedo*** & C. Shene. 2014. Oil bodies as a potential microencapsulation carrier for astaxanthin stabilization and safe delivery. *Journal of Microencapsulation* 31(5): 488-500.

Impact Factor: 1.878

DOI: 10.3109/02652048.2013.879931

Quartile: 2

Editorial: Informa Healthcare, England

ISSN: 0265-2048

2. **Aguilera, P.***, P. Cornejo, F. Borie, J.M. Barea, E. von Baer & F. Oehl. 2014. Diversity of arbuscular mycorrhizal fungi associated with *Triticum aestivum* L. plants growing in an Andosol with high aluminum level. *Agriculture, Ecosystems and Environment* 186: 178-184.

Impact Factor: 3.203

DOI: 10.1016/j.agee.2014.01.029

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0167-8809

3. **Alfaro, S.***, A. Mutis, R. Palma, A. Quiroz, I. Seguel & E. Scheuermann. 2014. Study of polyphenols content and antioxidant activity in murtilla (*Ugni molinae* Turcz) fruits in function of genotype and harvest season. *Journal of Soil Science and Plant Nutrition* 13(1): 67-78.

Impact Factor: 0.68

DOI: no information

Quartile: no information

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

4. Álvarez, P., L. Tapia, L.A. Mardones, J.C. Pedemonte, J.G. Farías & R.L. Castillo. 2014. Cellular mechanisms against ischemia reperfusion injury induced by the use of anesthetic pharmacological agents. *Chemico-Biological Interactions* 218: 89-98.

Impact Factor: 2.577

DOI: 10.1016/j.cbi.2014.04.019

Quartile: 2

Editorial: Elsevier Ireland Ltd., Ireland

ISSN: 0009-2797

5. Arroyo, J.I., F.G. Hoffmann & J.C. Opazo. 2014. Evolution of the relaxin/insulin-like gene family in anthropoid primates. *Genome Biology and Evolution* 6(3): 491-499.

Impact Factor: 4.229

DOI: 10.1093/gbe/evu023

Quartile: 1

Editorial: Oxford Univ Press, England

ISSN: 1759-6653

6. Arriagada, C., **L. Almonacid***, P. Cornejo, I. Garcia-Romera & J. Ocampo. 2014. Influence of an organic amendment, saprophytic and mycorrhizal fungi on soil quality and growth of *Eucalyptus globulus* in the presence of sewage sludge contaminated with aluminium. *Archives of Agronomy and Soil Science* 60(9): 1229-1248.

Impact Factor: 0.515

DOI: 10.1080/03650340.2013.878455

Quartile: 4

Editorial: Taylor & Francis Ltd., England

ISSN: 0365-0340

7. Augusto, T., E. Scheuermann, S.M. Alencar, M.A. Regitano d'Arce, A. de Camargo & T.M. 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

8. Azócar, L., R. Navia, L. Beroiz, D. Jeison & G. Ciudad. 2014. Enzymatic biodiesel production kinetics using co-solvent and an anhydrous medium: A strategy to improve lipase performance in a semi-continuous reactor. *New Biotechnology* 31(5): 422-429.

Impact Factor: 2.106

DOI: 10.1016/j.nbt.2014.04.006

Quartile: 2

Editorial: Elsevier Science BV, Netherlands

ISSN: 1871-6784

9. Barrios-San Martín, J., A. Quiroz, J.A. Verdugo, L. Parra, E. Hormazabal, L.A. Astudillo, M. Rojas-Herrera & C.C. Ramírez. 2014. Host selection and probing behavior of the poplar aphid *Chaitophorus leucomelas* (Sternorrhyncha: Aphididae) on two poplar hybrids with contrasting susceptibility to aphids. *Journal of Economic Entomology* 107(1): 268-276.

Impact Factor: 1.605

DOI: 10.1603/EC13282

Quartile: 1

Editorial: Entomological Soc. Amer., USA

ISSN: 0022-0493

10. Campos, D.C., F. Acevedo, E. Morales, J. Aravena, V. Amiard, M.A. Jorquera, N.G. Inostroza & M. Rubilar. 2014. Microencapsulation by spray drying of nitrogen-fixing bacteria associated with lupin nodules. *World Journal of Microbiology and Biotechnology* 30(9): 2371-2378.

Impact Factor: 1.353

DOI: 10.1007/s11274-014-1662-8

Quartile: 3

Editorial: Springer, USA

ISSN: 0959-3993

11. Candia, O., G. Briceño, T. Fernández, M.L. Mora, R. Demanet & G. Palma. 2014. 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. Castillo, R.L., C. Arias & J.G. Farías. 2014. Omega 3 chronic supplementation attenuates myocardial ischaemia-reperfusion injury through reinforcement of antioxidant defense system in rats. *Cell Biochemistry and Function* 32(3): 274-281.

Impact Factor: 2.005

DOI: 10.1002/cbf.3012

Quartile: 3

Editorial: Wiley-Blackwell, USA

ISSN: 0263-6484

13. Castillo, R.L., J.G. Farías, E.A. Herrera, P.I. Álvarez, S.E. Short, L. Tapia, R. Carrasco & R. Sotomayor-Zarate. 2014. Effects of chronic intermittent hypoxia and polyunsaturated fatty acids on infarct size and oxidative stress markers in cardiac ischemia reperfusion. *Experimental & Clinical Cardiology* 20(8): 3833-3858.

Impact Factor: no information

DOI: no information

Quartile: no information

Editorial: no information

ISSN: no information

14. Castro, M., J.C. Parra, L.J. Morales & C. Salas. 2014. Establishment of empirical relationship 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: 10.4067/S0718-95162014005000053

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

15. Cifuentes, R., D. Van der Zande, J. Farifteh, C. Salas & P. Coppin. 2014. Effects of voxel size and sampling setup on the estimation of forest canopy gap fraction from terrestrial laser scanning data. *Agricultural and Forest Meteorology* 194: 230-240.

Impact Factor: 3.894

DOI: 10.1016/j.agrformet.2014.04.013

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0168-1923

16. Cifuentes, R., D. Van der Zande, J. Farifteh, C. Salas & P. Coppin. 2014. Correction of erroneous LiDAR measurements in artificial forest canopy experimental setups. *Forest* 5(7): 1565-1583.

Impact Factor: 1.139

DOI: 10.3390/f5071565

Quartile: 2

Editorial: MDPI AG, Switzerland

ISSN: 1999-4907

17. Ciudad G., O. Rubilar, L. Azócar, C. Toro, M. Cea, **A. Torres***, A. Ribera & R. Navia. 2014. Performance of an enzymatic extract in *Botryococcus braunii* cell wall disruption. *Journal of Bioscience and Bioengineering* 117(1): 75-80.

Impact Factor: 1.869

DOI: 10.1016/j.jbiosc.2013.06.012

Quartile: 2

Editorial: Soc. Bioscience Bioengineering Japan, Japan

ISSN: 1389-1723

18. Cortés, Y.*, E. Hormazabal, H. Leal, A. Urzúa, A. Mutis, L. Parra & A. Quiroz. 2014. Novel antimicrobial activity of a dichloromethane extract obtained from red seaweed *Ceramium rubrum* (Hudson) (Rhodophyta: Florideophyceae) against *Yersinia ruckeri* and *Saprolegnia parasitica*, agents that cause diseases in salmonids. *Electronic Journal of Biotechnology* 17(3): 126-131.

Impact Factor: 0.647

DOI: 10.1016/j.ebt.2014.04.005

Quartile: 4

Editorial: Univ. Católica de Valparaíso, Chile

ISSN: 0717-3458

19. Curaqueo, G., M. Shoebitz, F. Borie, F. Caravaca & A. Roldán. 2014. Inoculation with arbuscular mycorrhizal fungi and addition of composted olive-mill waste enhance plant establishment and soil properties in the regeneration of a heavy metal-polluted environment. *Environment Science Pollution Research* 21(12): 7403-7412.

Impact Factor: 2.757

DOI: 10.1007/s11356-014-2696-z

Quartile: 1

Editorial: Springer Heidelberg, Germany

ISSN: 0944-1344

20. 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: 1

Editorial: Soc Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

21. Delgado, M.*, L. Suriyagoda, A. Zúñiga-Feest, F. Borie & H. Lambers. 2014. Divergent functioning of Proteaceae species: the South American *Embothrium coccineum* displays a combination of adaptive traits to survive in high-phosphorus soils. *Functional Ecology* 28(6): 1356-1366.

Impact Factor: 4.86

DOI: 10.1111/1365-2435.12303

Quartile: 1

Editorial: Wiley-Blackwell, USA

ISSN: 0269-8463

22. Díaz, H., L. Azócar, A. Torres*, S.I.C. Lopes & D. Jeison. 2014. Use of flocculants for increasing permeate flux in anaerobic membrane bioreactors. *Water Science and Technology* 69(11): 2237-2242.

Impact Factor: 1.212

DOI: 10.2166/wst.2014.153

Quartile: 3

Editorial: Iwa Publishing, England

ISSN: 0099-2240

23. Duran, P., J.J. Acuña*, M. Jorquera, R. Azcón, C. Paredes*, Z. Rengel & M.L. Mora. 2014. Endophytic bacteria from selenium-supplemented wheat plants could be useful for plant-growth promotion, biofortification and *Gaeumannomyces graminis* biocontrol in wheat production. *Biology and Fertility of Soils* 50(6): 983-990.

Impact Factor: 3.396

DOI: 10.1007/s00374-014-0920-0

Quartile: 1

Editorial: Springer, USA

ISSN: 0178-2762

24. Figueroa, E., I. Valdebenito & J.G. Farias. 2014. Technologies used in the study of sperm function in cryopreserved fish spermatozoa. *Aquaculture Research* (Accepted on line): 1-15.

Impact Factor: no information

DOI: DOI: 10.1111/are.12630

Quartile: no information

Editorial: no information

ISSN: no information

25. Fuentes, B., M.L. Mora, R. Bol, F. San Martín, E. Pérez & P. Cartes. 2014. Sorption of inositol hexaphosphate on desert soils. *Geoderma* 232: 573-580.

Impact Factor: 2.509

DOI: 10.1016/j.geoderma.2014.06.016

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0016-7061

26. Garcés, M., S. Claverol, C. Alvear, C. Rabert & L.A. Bravo. 2014. Desiccation tolerance of Hymenophyllacea filmy ferns is mediated by constitutive and non-inducible cellular mechanisms. *Comptes Rendus Biologies* 337(4): 235-243.

Impact Factor: 1.454

DOI: 10.1016/j.crv.2014.02.002

Quartile: 2

Editorial: Elsevier France-Editions Scientifiques Medicales Elsevierm, France

ISSN: 1631-0691

27. Gil-Cardesa, M., A. Ferri, P. Cornejo & E. Gomez. 2014. Distribution of chromium species in a Cr-polluted soil: presence of Cr(III) in glomalin related protein fraction. *Science of the Total Environment* 493: 828-833.

Impact Factor: 3.163

DOI: 10.1016/j.scitotenv.2014.06.080

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0048-9697

28. Giorello, F.M., M. Feijoo, G. D'Elía, L. Valdez, J.C. Opazo, V. Varas, D.E. Naya & E.P. Lessa. 2014. Characterization of the kidney transcriptome of the South American olive mouse *Abrothrix olivacea*. *BMC Genomics* 15: 446.

Impact Factor: 3.986

DOI: 10.1186/1471-2164-15-446

Quartile: 1

Editorial: Biomed Central Ltd, England

ISSN: 1471-2164

29. González, A., N. Moreno & **R. Navia**. 2014. CO₂ carbonation under aqueous conditions using petroleum coke combustion fly ash. *Chemosphere* 117: 139-143.

Impact Factor: 3.499

DOI: 10.1016/j.chemosphere.2014.06.034

Quartile: 1

Editorial: Pergamon-Elsevier Science Ltd., England

ISSN: 0045-6535

30. Green, R.E., E.L. Braun, J. Armstrong, M.W. Vandewege, J.A. St John, S. Capella-Gutiérrez, T.A. Castoe, C. Kern, M.K. Fujita, J.C. Opazo, J. Jurka, K.K. Kojima, J. Caballero, A. Smit, R.N. Platt, C.A. Lavoie, M. Ramakodi, S.R. Isberg, L. Miles, A.Y. Chong, W. Jaratlerdsiri, J. Gongora, C. Moran, A. Iriarte, B.C. Faircloth, J. McCormack, S.C. Burgess, S.V. Edwards, D.E. Janes, E. Lyons, C. Williams, M. Breen, C.R. Gresham, D.G. Peterson, D.D. Pollock, G. Zhang, N. Irie, E.D. Jarvis, C.J. Schmidt, F.M. McCarthy, F.G. Hoffmann, T.C. Glenn, T. Gabaldón, B. Patton & D.A. Ray. 2014. The genomes of three crocodylians provide insight into Archosaur evolution. *Science* 346(6215): 1335.

Impact Factor: 33.611

DOI: 10.1126/science.1254449

Quartile: 1

Editorial: Amer. Assoc. Advancement Science, USA

ISSN: 0036-8075

31. Hidalgo, P.*, C. Toro, G. Ciudad, S. Schober, M. Mittelbach & R. Navia. 2014. Evaluation of different operational strategies for biodiesel production by direct transesterification of microalgal biomass. *Energy and Fuel* 28(6): 3814-3820.

Impact Factor: 2.733

DOI: 10.1021/ef500259z

Quartile: 1

Editorial: Amer. Chemical Soc., USA

ISSN: 0887-0624

32. Huiliñir, C., A. Quintriqueo, C. Antileo & S. Montalvo. 2014. Methane production from secondary paper and pulp sludge: Effect of natural zeolite and modeling. *Chemical Engineering Journal* 257: 131-137.

Impact Factor: 4.321

DOI: 10.1016/j.cej.2014.07.058

Quartile: 1

Editorial: Elsevier Science SA, Suiza

ISSN: 1385-8947

33. Inostroza-Blancheteau, C., M. Reyes-Díaz, 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: 2.352

DOI: 10.1016/j.plaphy.2014.10.015

Quartile: 2

Editorial: Elsevier France-Editions Scientifiques Medicales Elsevier, France

ISSN: 0981-9428

34. Jorquera, M., N. Inostroza, **L. Lagos***, **P. Barra***, **L. Marileo***, **J. Rilling***, D. Campos, D. Crowley, A. Richardson & M.L. Mora. 2014. Bacterial community structure and detection of putative plant growth-promoting rhizobacteria associated with plants grown in Chilean agro-ecosystems and undisturbed ecosystems. *Biology and Fertility of Soils* 50(7): 1141-1153.

Impact Factor: 3.396

DOI: 10.1007/s00374-014-0935-6

Quartile: 1

Editorial: Springer, USA

ISSN: 0178-2762

35. Jorquera, M., O. Martinez, **L. Marileo***, J. Acuña, S. Saggat & M.L. Mora. 2014. Effect of nitrogen and phosphorus fertilization on the composition of rhizobacterial communities of two Chilean Andisol pastures. *World Journal of Microbiology & Biotechnology* 30(1): 99-107.

Impact Factor: 1.353

DOI: 10.1007/s11274-013-1427-9

Quartile: 3

Editorial: Springer, USA

ISSN: 0959-3993

36. Kanhed, P., S. Birla, S. Gaikwad, A. Gade, A. Seabra, O. Rubilar, N. Duran & M. Rai. 2014. *In vitro* antifungal efficacy of copper nanoparticles against selected crop pathogenic fungi. *Materials Letters* 115: 13-17.

Impact Factor: 2.269

DOI: 10.1016/j.matlet.2013.10.011

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0167-577X

37. Lagos, L.*, O. Navarrete, F. Maruyama, D. Crowley, **F. Cid***, M.L. Mora & M. Jorquera. 2014. Bacterial community structures in rhizosphere microsites of ryegrass (*Lolium perenne* var. Nui) as revealed by pyrosequencing. *Biology and Fertility of Soils* 50(8): 1253-1266.

Impact Factor: 3.396

DOI: 10.1007/s00374-014-0939-2

Quartile: 1

Editorial: Springer, USA

ISSN: 0178-2762

38. Lessa, E.P., J.A. Cook, G. D'Elía & J.C. Opazo. 2014. Rodent diversity in the Neotropics: transitioning into the genomics era. *Frontiers in Ecology and Evolution* 2: 39.

Impact Factor: no information

DOI: 10.3389/fevo.2014.00039

Quartile: no information

Editorial: no information

ISSN: no information

39. Manosalva, L.*, A. Mutis, J. Días, A. Urzúa, V. Fajardo & A. Quiroz. 2014. Identification of isoquinoline alkaloids from *Berberis microphylla* by HPLC ESI-MS/MS. *BLACPMA* 13(4): 323-334.

Impact Factor: 0.505

DOI: no information

Quartile: 4

Editorial: Univ. Santiago Chile Casa, Chile

ISSN: 0717-7917

40. Matus, F., C. Rumpel, **R. Neculman-Cerda***, **M. Panichini*** & M.L. Mora. 2014. Soil carbon storage and stabilization in Andisols: A review. *Catena* 120: 102-110.

Impact Factor: 2.482

DOI: 10.1016/j.catena.2014.04.008

Quartile: 1

Editorial: Elsevier Science BV, Netherlands

ISSN: 0341-8162

41. Matus, F., C. Monreal, M. Lefebvre, S. Wu, R. Desjardins & M. DeRosa. 2014. Producing isotopically enriched plant, soil solution and rhizosphere soil materials over a few hours. *Communication in Soil Science and Plant Analysis* 45(7): 865-880.



Impact Factor: 0.423

DOI: 10.1080/00103624.2013.875190

Quartile: 4

Editorial: Taylor & Francis Inc., USA

ISSN: 0010-3624

42. Medina, J.*, P. Cornejo, F. Borie, S. Meier, J. Palenzuela, H. Evangelista, A. Ferreira, G. Alves da Silva, I. Sanchez-Castro & F. Oehl. 2014. *Corynbiglomus pacificum*, a new glomeromycete from a saline lakeshore in Chile. Mycotaxon 127: 173-183.

Impact Factor: 0.643

DOI: 10.5248/127.173

Quartile: 4

Editorial: Mycotaxon Ltd., USA

ISSN: 0093-4666

43. Menezes-Blackburn, D., M. Jorquera, L. Gianfreda, R. Greiner & M.L. Mora. 2014. A novel phosphorus biofertilization strategy using cattle manure treated with phytase-nanoclay complexes. Biology and Fertility of Soils 50(4): 583-592.

Impact Factor: 3.396

DOI: 10.1007/s00374-013-0872-9

Quartile: 1

Editorial: Springer, USA

ISSN: 0178-2762

44. 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: 0.586

DOI: 10.1166/jbmb.2014.1469

Quartile: 4

Editorial: Amer. Scientific Publishers, USA

ISSN: 1556-6560

45. Muñoz, C., C. Hidalgo, M. Zapata, D. Jeison, C. Riquelme & M. Rivas. 2014. Use of cellulolytic marine bacteria for enzymatic pretreatment in microalgal biogas production. Applied and Environmental Microbiology 80(14): 4199-4206.

Impact Factor: 3.952

DOI: 10.1128/AEM.00827-14

Quartile: 1

Editorial: Amer. Soc. Microbiology, USA

ISSN: 0099-2240

46. Muñoz, C., C. Quilodrán & R. Navia. 2014. Evaluation of biochar-plant extracts complexes on soil nitrogen dynamics. Journal of Biobased Materials & Bioenergy 8(3): 377-385.

Impact Factor: 0.586

DOI: 10.1166/jbmb.2014.1448

Quartile: 4

Editorial: Amer. Scientific Publishers, USA

ISSN: 1556-6560

47. Mutis, A., R. Palma, L. Parra, M. Alvear, R. Isaacs, M. Morón & A. Quiroz. 2014. Morphology and distribution of sensilla on the antennae of *Hylamorpha elegans* Burmeister (Coleoptera: Scarabaeidae). Neotropical Entomology 43: 260-265.

Impact Factor: 0.85

DOI: 10.1007/s13744-014-0208-y

Quartile: 3

Editorial: Entomological Soc. Brasil, Brazil

ISSN: 1519-566X

48. Mutis, A., R. Palma, **H. Venthur***, P. Iturriaga-Vásquez, M. Faundez-Parraguez, R. Mella-Herrera, D. Kontodimas, C. Lobos & A. Quiroz. 2014. Molecular characterization and in silico analysis of the pheromone-binding protein of the European grapevine moth *Lobesia botrana* (Lepidoptera, Tortricidae). Neotropical Entomology 43: 266-275.

Impact Factor: 0.85

DOI: 10.1007/s13744-014-0212-2

Quartile: 3

Editorial: Entomological Soc. Brasil, Brazil

ISSN: 1519-566X

49. Nery, M.F., J.I. Arroyo & J.C. Opazo. 2014. Increased rate of keratin gene loss in the cetacean lineage. BMC Genomics 15: 869.

Impact Factor: 3.936

DOI: 10.1186/1471-2164-15-869

Quartile: 1

Editorial: Biomed Central Ltd, England

ISSN: 1471-2164

50. Orrego, R.*, A. Ávila, F. Meza & F. Matus. 2014. Using a crop simulation model to select the optimal climate grid cell resolution: A study case in Araucanía Region. Journal Soil Science and Plant Nutrition 14(2): 407-420.

Impact Factor: 0.582

DOI: no information

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0718-9516

51. Ortega, F., L. Parra & A. Quiroz. 2014. Breeding red clover for improved persistence in Chile: A Review of Progress and Recent Advances. Crops and Pasture Science 65(11): 1138-1146.

Impact Factor: 1.284

DOI: 10.1071/CP13323

Quartile: 1

Editorial: CSIRO Publishing, Australia

ISSN: 1836-0947

52. Parra, L., A. Angulo, V. Medel, A. Aguilera, G. Marín & R. Rebolledo. 2014. Especies y abundancia estacional de nóctuidos con especial referencia a las especies de importancia agrícola en la Región de La Araucanía, Chile. SHILAP (Revista de Lepidopterología) 42(165): 97-109.

Impact Factor: 0.304

DOI: no information

Quartile: 4

Editorial: Soc. Hispano-Luso-Amer. Lepidopterologia-Shilap, Spain

ISSN: 0300-5267

53. Pigna, M., A. Caporale, P. Cartes, V. Cozzolino, M.L. Mora, A. Sommella & A. Violante. 2014. Effects of arbuscular mycorrhizal inoculation and phosphorus fertilization on the growth of escarole (*Cichorium endivia* L.) in an arsenic polluted soil. Journal of Soil Science and Plant Nutrition 14(1): 199-209.

Impact Factor: 0.582

DOI: no information

Quartile: 4

Editorial: Soc. Chilena Ciencia Suelo, Chile

ISSN: 0178-9516

54. Rabert, C., A. Gutiérrez-Moraga, A. Navarrete-Gallegos, D. Navarrete-Campos, L.A. Bravo & M. Gidekel. 2014. Expression of a *Deschampsia antarctica* Desv. polypeptide with Lipase activity in a *Pichia pastoris* Vector. International Journal of Molecular Sciences 15(2): 2359-2367.

Impact Factor: 2.339

DOI: 10.3390/ijms15022359

Quartile: 2

Editorial: MDPI AG, Switzerland

ISSN: 1422-0067

55. Rao, M.A., R. Scelza, F. Acevedo, M.C. Diez & L. Gianfreda. 2014. Enzymes as useful tools for environmental purposes. Chemosphere 107: 145-162.

Impact Factor: 3.499

DOI: 10.1016/j.chemosphere.2013.12.059

Quartile: 1

Editorial: Pergamon-Elsevier Science Ltd., England

ISSN: 0045-6535

56. Rojas-Lillo, Y.**, M. Alberdi, P. Acevedo, C. Inostroza-Blancheteau, Z. Rendel, M.L. Mora & M. Reyes. 2014. Manganese toxicity and UV-B radiation differentially influence the physiology and biochemistry of highbush blueberry (*Vaccinium corymbosum*) cultivars. Functional Plant Biology 41(2): 156-167.

Impact Factor: 2.569

DOI: 10.1071/FP12393

Quartile: 1

Editorial: Csiro Publishing, Australia

ISSN: 1445-4408

57. Rubilar O., M.C. Diez, G.R. Tortella, G. Briceño, P.D. Marcato & N. Durán. 2014. New strategies and challenges for nanobiotechnology in agriculture. Journal of Biobased Materials and Bioenergy 8(1): 1-12.

Impact Factor: 0.586

DOI: 10.1166/jbmb.2014.1407

Quartile: 4

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ISSN: 1556-6560

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* = Alumno(s) de Doctorado

** = Alumno(s) de Magister