



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

**Año: 2016 (Diciembre)**

**Publicaciones Totales: 107**

**Publicaciones Alumnos de Doctorado: 22**

**Publicaciones con investigadores extranjeros: 58**

1. Acuña, J.J., P. Durán, **L.M. Lagos**, A. Ogram, M.L. Mora & M.A. Jorquera. 2016. Bacterial alkaline phosphomonoesterase in the rhizospheres of plants grown in Chilean extreme environments. *Biology and Fertility of Soils* 52(6): 763-773.  
Impact Factor: 3.069  
DOI: 10.1007/s00374-016-1113-9  
Quartile: 1  
Editorial: Springer, USA  
ISSN: 0178-2762
2. Adasme-Berrios, C., M. Sánchez, M. Mora, B. Schnettler, G. Lobos & J. Díaz. 2016. Segmentation of consumer preference for food safety label on vegetables consumer profiles in central and south central Chile. *British Food Journal* 118(10): 2550-2566.  
Impact Factor: 0.973  
DOI: 10.1108/BFJ-03-2016-0088  
Quartile: 3  
Editorial: Emerald Group Publishing Ltd, England  
ISSN: 0007-070X
3. Altamirano, A., J.P. Cely, A. Etter, A. Miranda, A. Fuentes-Ramírez, P. Acevedo, C. Salas & R. Vargas. 2016. The invasive species *Ulex europaeus* (Fabaceae) shows high dynamism in a fragmented landscape of south-central Chile. *Environmental Monitoring and Assessment* 188(8): 495.  
Impact Factor: 1.633  
DOI: 10.1007/s10661-016-5498-6  
Quartile: 3  
Editorial: Springer, Netherlands  
ISSN: 0167-6369
4. **Barra, P.J.**, N.G. Inostroza, J.J. Acuña, M.L. Mora, D.E. Crowley & M.A. Jorquera. 2016. Formulation of bacterial consortia from avocado (*Persea americana* Mill.) and their effect on growth, biomass and superoxide dismutase activity of wheat seedlings under salt stress. *Applied Soil Ecology* 102: 80-91.  
Impact Factor: 2.67  
DOI: 10.1016/j.apsoil.2016.02.014  
Quartile: 1  
Editorial: Elsevier Science BV, Netherlands  
ISSN: 0929-1393



5. Beltran, C., D. Jeison, F.G. Formoso & R. Borja. 2016. Batch anaerobic co-digestion of waste activated sludge and microalgae (*Chlorella sorokiniana*) at mesophilic temperature. *Journal of Environmental Science and Health Part a-Toxic/Hazardous Substances & Environmental Engineering* 51(10): 847-850.  
Impact Factor: 1.276  
DOI: 10.1080/10934529.2016.1181456  
Quartile: 3  
Editorial: Taylor & Francis Inc, USA  
ISSN: 1093-4529
  
6. Briceño, G., H. Schalchli, A. Mutis, C.S Benimeli, G. Palma, G.R. Tortella & M.C Diez. 2016. Use of pure and mixed culture of diazinon-degrading *Streptomyces* to remove other organophosphorus pesticides. *International Biodeterioration & Biodegradation* 114: 193-201.  
Impact Factor: 2.429  
DOI: 10.1016/j.ibiod.2016.06.018  
Quartile: 2  
Editorial: Elsevier Science Ltd  
ISSN: 0964-8305
  
7. Briceño, G., H. Schalchli, O. Rubilar, G.R. Tortella, A. Mutis, C.S. Benimeli, G. Palma & M.C. Diez. 2016. Increased diazinon hydrolysis to 2-isopropyl-6-methyl-4-pyrimidinol in liquid medium by a specific *Streptomyces* mixed culture. *Chemosphere* 156: 195-203.  
Impact Factor: 3.698  
DOI: 10.1016/j.chemosphere  
Quartile: 1  
Editorial: Pergamon-Elsevier Science Ltd, England  
ISSN: 0045-6535
  
8. Burgos-Díaz, C., M. Gallardo, E. Morales, J.A. Piornos, A.M. Marques & M. Rubilar. 2016. Utilization of proteins from AluProt-CGNA (a novel protein-rich lupin variety) in the development of oil-in-water multilayer emulsion systems. *European Journal of Lipid Science and Technology* 118(7): 1104-1112.  
Impact Factor: 1.953  
DOI: 10.1002/ejlt.201500260  
Quartile: 2  
Editorial: Wiley-Blackwell, USA  
ISSN: 1438-7697
  
9. Burgos-Díaz, C., J.A. Piornos, T. Wandersleben, T. Oruga, X. Hernandez & M. Rubilar. 2016. Emulsifying and foaming properties of different protein fractions obtained from a novel lupin variety AluProt-CGNA((R)) (*Lupinus luteus*). *Journal of Food Science* 81(7): C1699-C1706.  
Impact Factor: 1.649  
DOI: 10.1111/1750-3841.13350  
Quartile: 2  
Editorial: Wiley-Blackwell, USA  
ISSN: 0022-1147



10. Burgos-Díaz, C., M. Rubilar, E. Morales, **C. Medina**, F. Acevedo, A.M. Marques & C. Shene. 2016. Naturally occurring protein-polysaccharide complexes from linseed (*Linum usitatissimum*) as bioemulsifiers. *Biological Research* 118(2): 165-174.  
Impact Factor: 1.953  
DOI: 10.1002/ejlt.201500069  
Quartile: 2  
Editorial: Wiley-Blackwell, USA  
ISSN: 1438-7697
11. Burgos-Díaz, C., T. Wandersleben, A.M. Marques & M. Rubilar. 2016. Multilayer emulsions stabilized by vegetable proteins and polysaccharides. *Current Opinion in Colloid & Interface Science* 25: 51-57.  
Impact Factor: 6.234  
DOI: 10.1016/j.cocis.2016.06.014  
Quartile: 1  
Editorial: Elsevier Science London, England  
ISSN: 1359-0294
12. Bustamante, M., B.D. Oomah, M. Rubilar & C. Shene. 2017. Effective *Lactobacillus plantarum* and *Bifidobacterium infantis* encapsulation with chia seed (*Salvia hispanica* L.) and flaxseed (*Linum usitatissimum* L.) mucilage and soluble protein by spray drying. *Food Chemistry* 216: 97-105.  
Impact Factor: 4.052  
DOI: 10.1016/j.foodchem.2016.08.019  
Quartile: 1  
Editorial: Elsevier Sci Ltd, England  
ISSN: 0308-8146
13. Carrera-Chapela, F., A. Donoso-Bravo, D. Jeison, I. Diaz, J.A. Gonzalez & G. Ruiz-Filippi. 2016. Development, identification and validation of a mathematical model of anaerobic digestion of sewage sludge focusing on H<sub>2</sub>S formation and transfer. *Biochemical Engineering Journal* 112:13-19.  
Impact Factor: 2.463  
DOI: 10.1016/j.bej.2016.03.008  
Quartile: 2  
Editorial: Elsevier Science, Netherlands  
ISSN: 1369-703X
14. Cavieres, L.A., P. Sáez, C. Sanhuesa, A. Sierra-Almeida, C. Rabert, L.J. Corcuera, M. Alberdi & L.A. Bravo. 2016. Ecophysiological traits of Antarctic plants: their importance in the res to climate change. *Plant Ecology* 217(3): 343-358.  
Impact Factor: 1.49  
DOI: 10.1007/s11258-016-0585-x  
Quartile: 2  
Editorial: Springer, Netherlands  
ISSN: 1385-0237
15. **Chacón, M.**, M. Lizama, L. Parra, I. Seguel & A. Quiroz. 2016. Insect diversity, community composition and damage index on wild and cultivated murtila. *Ciencia e Investigación Agraria* 43(1): 57-67.  
Impact Factor: 0.404  
DOI: no information



Quartile: 4

Editorial: Pontificia Univ Catolica Chile, Chile

ISSN: 0718-1620

- 16.** Chang, S., M.P. Carneiro-Leao, B.F. de Oliveira, C. Souza-Motta, N. Lima, C. Santos. 2016. Polyphasic Approach Including MALDI-TOF MS/MS Analysis for Identification and Characterisation of *Fusarium verticillioides* in Brazilian Corn Kernels. *Toxins* 8(3).  
Impact Factor: 3.571  
DOI: 10.3390/toxins8030054  
Quartile: 1  
Editorial: MDPI AG, Switzerland  
ISSN: 2072-6651
- 17.** Cid, F.P., J.I. Rilling, S.P. Graether, L.A. Bravo, M.L. Mora & M.A. Jorquera. 2016. Properties and biotechnological applications of ice binding proteins in bacteria. *FEMS Microbiology Letters* 363(11).  
Impact Factor: 1.858  
DOI: 10.1093/femsle/fnw099  
Quartile:  
Editorial: Oxford University Press, England  
ISSN: 0378-1097
- 18.** Crème, A., C. Rumpel, F. Gastal, M.L. Mora & A. Chabbi. 2016. Effects of grasses and a legume grown in monoculture or mixture on soil organic matter and phosphorus forms. *Plant and Soil* 402(1-2): 117-128.  
Impact Factor: 2.969  
DOI: 10.1007/s11104-015-2740-x  
Quartile: 1  
Editorial: Springer, Netherlands  
ISSN: 0032-079X
- 19.** Deppe, M., F. Pezo, M. Reyes-Diaz & J. Risopatron. 2016. Cryopreservation of Canine Spermatozoa with Blueberry Leaf Extract (*Vaccinium corymbosum* L.). *International Journal of Morphology* 34(2): 653-659.  
Impact Factor: 0.299  
DOI: no information  
Quartile: 4  
Editorial: Soc Chilena Anatomía, Chile  
ISSN: 0717-9502
- 20.** Donnini, S., P. Tessarin, A. Ribera-Fonseca, M. Di Foggia, G.P. Parpinello & A.D. Rombola. 2016. Glyphosate impacts on polyphenolic composition in grapevine (*Vitis vinifera* L.) berries and wine. *Food Chemistry* 213: 26-30.  
Impact Factor: 4.052  
DOI: 10.1016/j.foodchem.2016.06.040  
Quartile: 1  
Editorial: Elsevier Sci Ltd, England  
ISSN: 0308-8146



21. Durán, P., J.J. Acuña, E. Armada, O.M. López-Castillo, P. Cornejo, M.L. Mora & R. Azcón. 2016. Inoculation with selenobacteria and arbuscular mychorrhizal fungi enhance the selenium content in lettuce plants and improve the tolerance against drought stress. *Journal of Soil Science and Plant Nutrition* 16(1): 211-225.  
Impact Factor: 1.6  
DOI: no information  
Quartile: 4  
Editorial: Soc. Chilena Ciencia Suelo, Chile.  
ISSN: 0718-9516
22. Elgueta, E., C. Santos, N. Lima & M.C. Diez. 2016. Atrazine dissipation in a biobed system inoculated with immobilized white-rot-fungi. *Archives of Agronomy and Soil Science* 61(10): 1451-1461.  
Impact Factor: 1.118  
DOI: 10.1080/03650340.2016.1155699  
Quartile: 2  
Editorial: Taylor & Francis Ltd, England  
ISSN: 0365-0340
23. Elgueta, E., C. Santos, N. Lima & M.C. Diez. 2016. Immobilization of the white rot fungus *Anthracoophyllum discolor* to degrade the herbicide atrazine. *AMB Express* 6: 104.  
Impact Factor: 2.167  
DOI: 10.1186/s13568-016-0275-z  
Quartile: 2  
Editorial: Biomed Central Ltd, England  
ISSN: 2191-0855
24. Espinoza, J., A. Urzúa, **J. Tampe**, L. Parra & A. Quiroz. 2016. Olfactometric response of *Aegorhinus superciliosus* (Coleoptera: Curculionidae) toward the essential oil from the heartwood of *Pilgerodendron uviferum* (D. Don) Florin. *Molecules* 21(4): 533.  
Impact Factor: 2.465  
DOI: 10.3390/molecules2104533  
Quartile: no information  
Editorial: no information  
ISSN: no information
25. Farias, J.G., E.A. Herrera, C. Carrasco-Pozo, R. Sotomayor-Zarate, G. Cruz, P. Morales & R.L. Castillo. 2016. Pharmacological models and approaches for pathophysiological conditions associated with hypoxia and oxidative stress. *Pharmacology & Therapeutics* 158: 1-23.  
Impact Factor: 11  
DOI: 10.1016/j.pharmthera.2015.11.006  
Quartile: 1  
Editorial: Pergamon-Elsevier Sci. Ltd., England  
ISSN: 0163-7258
26. Farias, J.G., C. Carrasco-Pozo, N. Sepúlveda, P. Álvarez, M. Quezada, J. Quiñones, V. Molina & R.L. Castillo. 2016. Polyunsaturated fatty acid induces cardioprotection against ischemia-reperfusion through the inhibition of NF-kappaB and induction of Nrf2. *Experimental Biology and Medicine* (*Accepted*).  
Impact Factor: 2.542



DOI: no information  
Quartile: 2  
Editorial: no information  
ISSN: no information

- 27.** Figueroa, E., I. Valdebenito & J.G. Farías. 2016. Technologies used in the study of sperm function in cryopreserved fish spermatozoa. *Aquaculture Research* 47(6): 1691-1705.  
Impact Factor: 1.606  
DOI: 10.1111/are.12630  
Quartile: 2  
Editorial: Wiley-Blackwell, USA  
ISSN: 1355-557X
- 28.** Figueroa, E., I. Valdebenito, O. Merino, A. Ubilla, J. Risopatrón & J.G. Farias. 2016. Cryopreservation of Atlantic salmon *Salmo salar* sperm: Effects on sperm physiology. *Journal of Fish Biology* 89(3): 1537-1550.  
Impact Factor: 1.246  
DOI: 10.1111/jfb.13052  
Quartile: 3  
Editorial: Wiley-Blackwell, USA  
ISSN: 0022-1112
- 29.** **Fincheira, P.**, H. Venthur, A. Mutis, M. Parada & A. Quiroz. 2016. Growth promotion of *Lactuca sativa* in response to volatile organic compounds emitted from diverse bacterial species. *Microbiological Research* 193: 39-47.  
Impact Factor: 2.723  
DOI: 10.1016/j.micres.2016.09.008  
Quartile: 2  
Editorial: Elsevier, Germany  
ISSN: 0944-5013
- 30.** Flores-Bavestrello, A., M. Krol, A.G. Ivanov, N.P.A. Huner, J.I. Garcia-Plazaola, L.J. Corcuera & L.A. Bravo. 2016. Two Hymenophyllaceae species from contrasting natural environments exhibit a homoiochlorophyllous strategy in response to desiccation stress. *Journal of Plant Physiology* 191: 82-94.  
Impact Factor: 2.971  
DOI: 10.1016/j.jplph.2015.12.003  
Quartile: 1  
Editorial: Elsevier GMBH, Germany  
ISSN: 0176-1617
- 31.** Fuentes, A., L. Almonacid, J.A. Ocampo & C. Arriagada. 2016. Synergistic interactions between a saprophytic fungal consortium and *Rhizophagus irregularis* alleviate oxidative stress in plants grown in heavy metal contaminated soil. *Plant and Soil* 407(1-2): 355-366.  
Impact Factor: 2.969  
DOI: 10.1007/s11104-016-2893-2  
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Editorial: Springer, Netherlands  
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- 32.** Fuentes, A., J. Ortiz, N. Saavedra, L. Salazar, C. Meneses & C. Arriagada. 2016. Reference gene selection for quantitative real-time PCR in *Solanum lycopersicum* L. inoculated with the mycorrhizal fungus *Rhizophagus irregularis*. *Plant Physiology and Biochemistry* 101: 124-131.  
Impact Factor: 2.928  
DOI: 10.1016/j.plaphy.2016.01.022  
Quartile: 1  
Editorial: Elsevier France-Editions Scientifiques Medicales Elsevier, France  
ISSN: 0981-9428
- 33.** Gallardo, F., G. Briceño, M.J. Flores & M.C. Diez. 2016. Recycling pulp mill sludge to volcanic soil: a column leaching study. *Journal of Soil Science and Plant Nutrition* 16(1): 248-261.  
Impact Factor: 1.6  
DOI: no information  
Quartile: 4  
Editorial: Soc. Chilena Ciencia Suelo, Chile.  
ISSN: 0718-9516
- 34.** Gallardo-Cerda, J., L.A. Bravo, C. Atala, G. Vergara-Quezada, L.J. Corcuera & M.A. Molina-Montenegro. 2016. Dehydrins presence in xylem parenchyma cells enhances hydraulic conductivity and physiological performance in *Nothofagus dombeyi*. *South African Journal of Botany* 102: 240-244.  
Impact Factor: 1.244  
DOI: 10.1016/j.sajb.2015.07.018  
Quartile: 3  
Editorial: Elsevier Science BV, Netherlands  
ISSN: 0254-6299
- 35.** Giovannini, G., A. Donoso-Bravo, D. Jeison, R. Chamy, G. Ruiz-Filippi & A. Vande Wouwer. 2016. A review of the role of hydrogen in past and current modelling approaches to anaerobic digestion processes. *International Journal of Hydrogen Energy* 41(39): 17713-17722.  
Impact Factor: 3.205  
DOI: 10.1016/j.ijhydene.2016.07.012  
Quartile: 2  
Editorial: Pergamon-Elsevier Science Ltd, England  
ISSN: 0360-3199
- 36.** González, A., R. Palma, O. Yañez, M. Rojas, A. Mutis, H. Venthur, A. Quiroz & C. Ramírez. 2016. Virtual screening of plant volatile compounds reveals a high affinity of *Hylamorpha elegans* (Coleoptera: Scarabaeidae) odorant-binding proteins for sesquiterpenes from its native host. *Journal of Insect Science* 16(30): 1-15.  
Impact Factor: 0.65  
DOI: 10.1093/jisesa/iew008  
Quartile: 3  
Editorial: Oxford Univ Press Inc.  
ISSN: 1536-2442



- 37.** Hernández-Fuentes, C., L.A. Bravo & L.A. Cavieres. 2016. 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: 1.645  
DOI: 10.1007/s00035-015-0151-5  
Quartile: 2  
Editorial: Springer Basel AG, Switzerland  
ISSN: 0254-6299
- 38.** Hidalgo, P., G. Ciudad & R. Navia. 2016. Evaluation of different solvent mixtures in esterifiable lipids extraction from microalgae *Botryococcus braunii* for biodiesel production. *Bioresource Technology* 201: 360-364.  
Impact Factor: 4.917  
DOI: 10.1016/j.biortech.2015.11.031  
Quartile: 1  
Editorial: Elsevier Sci. Ltd., England  
ISSN: 0960-8524
- 39.** Inostroza-Blancheteau, C., P. Acevedo, R. Loyola, P. Arce-Johnson, M. Alberdi & M. Reyes-Díaz. 2016. Short-term UV-B radiation affects photosynthetic performance and antioxidant gene expression in highbush blueberry leaves. *Plant Physiology and Biochemistry* 107: 301-309.  
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DOI: 10.1016/j.plaphy.2016.06.019  
Quartile: 1  
Editorial: Elsevier France-Editions Scientifiques Medicales Elsevier, France  
ISSN: 0981-9428
- 40.** Jofre, I., C. Pezoa, M. Cuevas, E. Scheuermann, I.A. Freires, P.L. Rosalen, S. Matias de Alencar & F. Romero. 2016. Antioxidant and Vasodilator Activity of *Ugni molinae* Turcz (Murtilla) and Its Modulatory Mechanism in Hypotensive Response. *Oxidative Medicine and Cellular Longevity* 2016(2016), Article ID 6513416.  
Impact Factor: 4.492  
DOI: 10.1155/2016/6513416  
Quartile: 2  
Editorial: Hindawi Publishing Corp, USA  
ISSN: 1942-0900
- 41.** Jorquera, M.A., F. Maruyama, A.V. Ogram, O.U. Navarrete, L.M. Lagos, N.G. Inostroza, J.J. Acuña, **J.I. Rilling** & M.L. Mora. 2016. Rhizobacterial Community Structures Associated with Native Plants Grown in Chilean Extreme Environments. *Microbial Ecology* 72(3): 633-646.  
Impact Factor: 3.232  
DOI: 10.1007/s00248-016-0813-x  
Quartile: 1  
Editorial: Springer, USA  
ISSN: 0095-3628
- 42.** **Jorquera-Fontena, E.**, M. Alberdi, M. Reyes-Díaz & N. Frank. 2016. Rearrangement of leaf traits with changing source-sink relationship in blueberry (*Vaccinium corymbosum* L.) leaves. *Photosynthetica* 54(4): 508-516.





Impact Factor: 1.558  
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Quartile: 2  
Editorial: Springer, Netherlands  
ISSN: 0300-3604

- 43.** Korhonen, L., C. Salas, T. Østgard, V. Lien, T. Gobakken & E. Næsset. 2016. Predicting the occurrence of large-diameter trees using airborne laser scanning. *Canadian Journal of Forest Research* 46: 461–469.  
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- 44.** **Lagos, L.M.**, J.J. Acuña, F. Maruyama, A.V. Ogram, M.L. Mora & M.A. Jorquera. 2016. Effect of phosphorus addition on total and alkaline phosphomonoesterase-harboring bacterial populations in ryegrass rhizosphere microsites. *Biology and Fertility of Soils* 52(7):1007-1019.  
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Editorial: Springer, USA  
ISSN: 0178-2762
- 45.** **Lee-Estevez, M.**, E. Figueroa, J. Cosson, S. Short, I. Valdebenito, **P.H. Ulloa** & J.G. Farías. 2016. Zebrafish as a useful model for immunologic research with potential applications in aquaculture. *Reviews in Aquaculture (In Press)*.  
Impact Factor: 4.769  
DOI: no information  
Quartile: 1  
Editorial: no information  
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- 46.** Leyrer, J., R. Hunter, M. Rubilar, B. Pavez, E. Morales & S. Torres. 2016. Development of dye-sensitized solar cells based on naturally extracted dye from the maqui berry (*Aristotelia chilensis*). *Optical Materials* 60: 411-417.  
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Editorial: Elsevier Science BV, Netherlands  
ISSN: 0925-3467
- 47.** Liang, J.J., T.W. Crowther, N. Picard, S. Wiser, M. Zhou, G. Alberti, C. Salas *et al.* 2016. Positive biodiversity-productivity relationship predominant in global forests. *Science* 354(6309): 196-+.  
Impact Factor: 34.661  
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48. Lobos, G., G.K. Grunert, M. Bustamante & B. Schnettler. 2016. With health and good food, great life! Gender differences and happiness in Chilean rural older adults. *Social Indicators Research* 127(2): 865-885.  
Impact Factor: 1.38  
DOI: 10.1007/s11205-015-0971-0  
Quartile: 1  
Editorial: Springer, Netherlands  
ISSN: 0303-8300
49. Lobos, G., M.C. Lapo & B. Schnettler. 2016. In the choice between health and money, health first: an analysis of happiness amongst rural Chilean elderly. *Cadernos de Saude Publica* 32(5).  
Impact Factor: 0.920  
DOI: 10.1590/0102-311X00032215  
Quartile: 4  
Editorial: no information  
ISSN: no information
50. Lobos, G., M. Mora, R. Saens, T. Muñoz & B. Schnettler. 2015. Including risk in economic feasibility analysis: a stochastic simulation model for blueberry investment decisions in Chile. *Revista Brasileira de Fruticultura* 37(4): 870-882.  
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Editorial: Soc Brasileira Fruticultura, Brazil  
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51. Lobos, G., G.K. Grunert, C. Adasme-Berrios & B. Schnettler. 2016. Perceived resources as a predictor of food satisfaction with food-related life among Chilean elderly: An approach with generalized linear models. *Journal of Nutrition, Health & Aging (Accepted)*.  
Impact Factor: 3.199  
DOI: no information  
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Editorial: no information  
ISSN: no information
52. **Lobos, T.E.**, J.B. Retamales, S. Ortega-Farias, E.J. Hanson, R. Lopez-Olivari & M.L. Mora. 2016. Pre-harvest regulated deficit irrigation management effects on post-harvest quality and condition of *V. corymbosum* fruits cv. Brigitta. *Scientia Horticulturae* 207: 152-159.  
Impact Factor: 1.538  
DOI: 10.1016/j.scienta.2016.05.022  
Quartile: 1  
Editorial: Elsevier Science BV, Netherlands  
ISSN: 0304-4238
53. Magnotti, C., C. Vinicius, **M. Lee-Estevez**, J.G. Farías, I. Valdebenito & E. Figueroa. 2016. Cryopreservation and vitrification of fish semen: a review with special emphasis on marine species. *Reviews in Aquaculture (Early online)*.  
Impact Factor: 4.769  
DOI: 10.1111/raq.12145



Quartile: 1  
Editorial: no information  
ISSN: no information

- 54. Manosalva, L.,** A. Mutis, A. Urzúa, V. Fajardo & A. Quiroz. 2016. Antibacterial activity of alkaloid fractions from *Berberis microphylla* G. Forst and study of synergism with Ampicillin and Cephalothin. *Molecules* 21(1).  
Impact Factor: 2.465  
DOI: 10.3390/molecules21010076  
Quartile: 2  
Editorial: MDPI AG, Switzerland  
ISSN: 1420-3049
- 55. Marileo, L.G.,** M.A. Jorquera, M. Hernández, G. Briceño, M.L. Mora, R. Demanet & G. Palma. 2016. Changes in bacterial communities by post-emergent herbicides in an Andisol fertilized with urea as revealed by DGGE. *Applied Soil Ecology* 101: 141-151.  
Impact Factor: 2.67  
DOI: 10.1016/j.apsoil.2016.02.003  
Quartile: Q1  
Editorial: Elsevier Science BV, Netherlands  
ISSN: 0929-1393
- 56. Matus, F.,** E. Garrido, C. Hidalgo, F. Paz, J. Etchevers & C. Merino. 2016. Carbon saturation in the silt and clay particles in soils with contrasting mineralogy. *TERRA-Latinoamericana (Accepted)*.  
Impact Factor: no information  
DOI: no information  
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