

DOCTORADO EN CIENCIAS AGROALIMENTARIAS

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Publicaciones (2018- Presente)

1. Santa-Cruz, J., Robinson, B., Krutyakov, Y.A., Shapoval, O.A., **Peñaloza, P.**, Yáñez, C., Neaman, A. 2023. An assessment of the feasibility of phytoextraction for the stripping of bioavailable metals from contaminated soils. *Environmental Toxicology and Chemistry*, 42: 558–565. Q2.
2. Neaman, A., Zakharikhina, L.V., Navarro-Villarroel, C., **Peñaloza, P.**, Dovletyarova, E.A. 2023. Choose your procedure wisely: removal of outliers is inappropriate for estimating background concentrations of trace elements in soil. *Environmental Toxicology and Chemistry*, 42: 555–557. Q2.
3. Guerra, F., **Peñaloza, P.**, Vidal, A., Cautín, R., Castro, M. 2022. Seed maturity and its in vitro initiation of chilean endemic geophyte *Alstroemeria pelegrina* L. *Horticulturae*, 8: 464. Q1.
4. Santa Cruz, J., González, D., Valdebenito, S., **Peñaloza, P.** 2021. *Salvia guaranitica* A. St. -Hil. ex Benth. (Lamiaceae): a new record for the alien flora of Chile. *Gayana Botanica*. Q4.
5. Soto, F., **Peñaloza, P.**, Oyanedel, E., Schiappacasse, F., Duran, O., Vidal, A. 2021. Germination and development of M1 seedlings of two *Selliera radicans* Cav. accessions subjected to gamma radiation. *Revista de la Facultad de Ciencias Agrarias*, 53(2): 36-46. Q3.
6. Stuckey, J.W., Neaman, A., Verdejo, J., Navarro-Villarroel, C., **Peñaloza, P.**, Dovletyarova, E.A. 2021. Zinc Alleviates Copper Toxicity to Lettuce and Oat in Copper-Contaminated Soils. *Journal of Soil Science and Plant Nutrition*. Q2.
7. González-Miranda, I., Vidal, K., **Peñaloza, P.** 2021. Comparing nitrate leaching in lettuce crops cultivated under agroecological, transition, and conventional agriculture management in central Chile. *Chilean Journal of Agricultural Research*. Q2.
8. Prudnikova, E.V., Neaman, A., Terekhova, V.A.; Karpukhin, M.M., Vorobeichik, E.L., Smorkalov, I.A., Dovletyarova, E.A., Navarro-Villarroel, C., Ginocchio, R., **Peñaloza, P.** 2020. Root Elongation Method for the Quality Assessment of Metal-Polluted Soils: Whole Soil or Soil-Water Extract? *Journal of Soil Science and Plant Nutrition*. Q2.
9. Pezo, C., Valdevenito, S., Flores, M.F., Oyanedel, E., Vidal, K., Neaman, A., **Peñaloza, P.** 2020. Impact of Mother Plant Saline Stress on the Agronomical Quality of Papper Seeds. *Journal of Soil Science and Plant Nutrition*. Q2.
10. De la Cuadra, C., Vidal, A., Lagomarsino, F., **Peñaloza, P.**, Mansur, L., Huenchuleo, C. 2019. Effect of temperature and scarification on seed germination of *Conanthera* spp. (Tecophilaeaceae). *Chilean Journal of Agricultural Research*. Q2.

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11. De la Cuadra, C., Vidal, A., **Peñaloza, P.**, Mansur, L., Huenchuleo, C. 2018. Germination temperature and the effect of storage time on *Zephyra elegans* (Tecophilaeaceae). HortScience. Q2.
12. **Peñaloza, P.**, Toloza, P. 2018. Boron Increases Pollen Quality, Pollination, and Fertility of Different Genetic Lines of Pepper. Journal of Plant Nutrition 41: 969-979. Q2.

Proyectos con financiamiento externo últimos 5 años (adjudicado y/o ejecutado)

1. Potential alleviation of copper toxicity in contaminated agricultural soils in central Chile by calcium, magnesium, and zinc amendments.
Financiamiento: Fondecyt
Rol: Co-investigador
Duración: 2020-2023
Año adjudicación: 2020