

## KOOICHI VIDAL TAKASAKI

**Escuela de Agronomía, Pontificia Universidad Católica de Valparaíso,  
Calle San Francisco s/n, La Palma, Quillota, Chile**

### I. PUBLICACIONES

#### **Publicaciones en revistas indexadas (ISI)**

1. Zhikharev, A. P., Sahakyan, L., Tepanosyan, G., **Vidal, K.**, & Nmman, A. (2022). Metal phytotoxicity thresholds in copper smelter-contaminated soils. *Idesia*, 40(3), 135-143. <https://doi.org/10.4067/s0718-34292022000300135>
2. Dovletyarova, E. A., Fareeva, O. S., Brykova, R. A., Karpukhin, M. M., Smorkalov, I. A., Brykov, V. A., Gabechaya, V. V., **Vidal, K.**, Komárek, M., & Neaman, A. (2022). Challenges in Reducing Phytotoxicity of Metals in Soils Affected by Non-Ferrous Smelter Operations. *GEOGRAPHY ENVIRONMENT SUSTAINABILITY*, 15(1), 112-121. <https://doi.org/10.24057/2071-9388-2021-141>
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(5), 464. <https://doi.org/10.3390/horticulturae8050464>
4. González-Miranda, I., **Vidal, K.**, & Peñaloza, P. (2021). Comparing nitrate leaching in lettuce crops cultivated under agroecological, transition, and conventional agricultural management in central Chile. *Chilean Journal Of Agricultural Research*, 81(2), 210-219. <https://doi.org/10.4067/s0718-58392021000200210>
5. Soto F, Peñaloza P, Oyanedel E, Schiappacasse F, Durán O, **Vidal A** (2021). Germinación y desarrollo de plántulas en m<sub>1</sub> de dos accesiones de *selliera radicans* cav. Sometidas a radiación gamma. *Revista de la Facultad de Ciencias Agrarias* 53(2); doi: 10.48162/rev.39.037
6. De la Cuadra C, AK Vidal, Peñaloza P, Mansur L & Huenchuleo C (2019) Effect of temperature and scarification on seed germination of *Conanthera*

*spp.* (Tecophilaeaceae). **Chilean journal of agricultural research** 79, 323-329; doi: 10.4067/S0718-58392019000200323.

7. De la Cuadra C, **AK Vidal**, Peñaloza P, Mansur L & Huenchuleo C (2018) Germination Temperature and the Effect of Storage Time on the Seed Viability of *Zephyra elegans* (Tecophilaeaceae). **HortScience** 53, 887-890; doi: 10.21273/HORTSCI12830-17.
8. Aguilar M, Mondaca P, Ginocchio R, **AK Vidal**, Sauv  S & Neaman A (2018) Comparison of exposure to trace elements through vegetable consumption between a mining area and an agricultural area in central Chile. **Environmental Science and Pollution Research**. 25; doi: 10.1007/s11356-018-2116-x.
9. De la Cuadra C, **AK Vidal** & L Mansur (2017) Optimal Temperature for Germination of *Zephyra compacta* (Tecophilaeaceae). **Hortscience** 52, 432-435; doi: 10.21273/HORTSCI11623-16.
10. Besoain X, **AK Vidal** & R Camps (2016) First Report of Necrotic Streaking of Asiatic Lilies Caused by *Plantago asiatica* mosaic virus in Chile. **Plant Disease** 100: 1799 – 1799; doi: 10.1094/PDIS-01-16-0091-PDN
11. Besoain X, **AV Takasaki** & R Camps (2016) Necrotic Streaking of Asiatic Lilies caused by *Plantago asiatica* mosaic virus in Chile. **Phytopathology** 106: 106-106
12. De la Cuadra C, **AK Vidal**, S Lefimil & L Mansur (2016) Temperature Effect on Seed Germination in the Genus *Leucocoryne* (Amaryllidaceae). **HortScience** 51: 412-415

### **Otras Publicaciones no indexadas**

1. Schiappacasse F, N Meza, P Peñailillo & **AK Vidal** (2015) Morphological characterization of the groundcover *Selliera radicans* collected in Chile in different latitudes. **Acta Horticulturae** 1097: 257-262; doi: 10.17660/ActaHortic.2015.1097.33

## **II. EXPERIENCIA EN PROYECTOS DE INVESTIGACION**

### **Proyectos con fondos concursables**

2016 I FIA. El desaf o de producir flores y ornamentales en ambientes de aridez, con restricciones de superficie y eventual uso de agua de mar.

***Proyectos no concursables (Empresas, ONG e instituciones gubernamentales)***

2015 - (2016) IR Nacos. Research and propagation of *Brassica oleracea* parental lines.