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Bio

STANFORD ADVISORS

- Dominique Bergmann, Postdoctoral Faculty Sponsor

LINKS

- personal site: <https://patricialang.org/>

Publications

PUBLICATIONS

- **Isolation, Library Preparation, and Bioinformatic Analysis of Historical and Ancient Plant DNA.** *Current protocols in plant biology*
Latorre, S. M., Lang, P. L., Burbano, H. A., Gutaker, R. M.
2020; 5 (4): e20121
- **Hybridization ddRAD-sequencing for population genomics of non-model plants using highly degraded historical specimen DNA.** *Molecular ecology resources*
Lang, P. L., Weiß, C. L., Kersten, S. n., Latorre, S. M., Nagel, S. n., Nickel, B. n., Meyer, M. n., Burbano, H. A.
2020
- **Natural selection on the *Arabidopsis thaliana* genome in present and future climates** *NATURE*
Exposito-Alonso, M., Burbano, H. A., Bossdorf, O., Nielsen, R., Weigel, D., Exposito-Alonso, M., Gomez Rodriguez, R., Barragan, C., Capovilla, G., Chae, E., Devos, J., Dogan, E. S., Friedemann, et al
2019; 573 (7772): 126+
- **RST1 and RIPR connect the cytosolic RNA exosome to the Ski complex in *Arabidopsis*** *NATURE COMMUNICATIONS*
Lange, H., Ndecky, S. A., Gomez-Diaz, C., Pflieger, D., Butel, N., Zumsteg, J., Kuhn, L., Piermaria, C., Chicher, J., Christie, M., Karaaslan, E. S., Lang, P. M., Weigel, et al
2019; 10: 3871
- **Using herbaria to study global environmental change** *NEW PHYTOLOGIST*
Lang, P. M., Willems, F. M., Scheepens, J. F., Burbano, H. A., Bossdorf, O.
2019; 221 (1): 110–22
- **A Role for the F-Box Protein HAWAIIAN SKIRT in Plant microRNA Function** *PLANT PHYSIOLOGY*
Lang, P. M., Christie, M. D., Dogan, E. S., Schwab, R., Hagmann, J., van de Weyer, A., Scacchi, E., Weigel, D.
2018; 176 (1): 730–41
- **KH domain protein RCF3 is a tissue-biased regulator of the plant miRNA biogenesis cofactor HYL1** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Karlsson, P., Christie, M., Seymour, D. K., Wang, H., Wang, X., Hagmann, J., Kulcheski, F., Andres Manavella, P.
2015; 112 (45): 14096–101
- **THO2, a core member of the THO/TREX complex, is required for microRNA production in *Arabidopsis*** *PLANT JOURNAL*
Francisco-Mangilet, A. G., Karlsson, P., Kim, M., Eo, H., Oh, S., Kim, J., Kulcheski, F., Park, S., Andres Manavella, P.
2015; 82 (6): 1018–29