Below are the papers some of my students have produced under my supervision.

11. *Factorization in additive monoids of evaluation polynomial semirings*
    Khalid Ajran, Juliet Bringas, Bangzheng Li, Easton Singer, and Marcos Tirador
    Available on arXiv: `https://arxiv.org/abs/2302.02321`

10. *Factorizations in reciprocal Puiseux monoids*
    Cecilia Aguilera and Andre F. Hamelberg (with Marly Gotti)
    Available on arXiv: `https://arxiv.org/abs/2112.04048`

9. *Length-factoriality and pure irreducibility*
   Alan Bu, Joseph Vulakh, and Alex Zhao
   Communications in Algebra (to appear).
   DOI: https://doi.org/10.1142/S021819672350011X
   Available on arXiv: `https://arxiv.org/abs/2201.01245`

8. *On the primality and elasticity of algebraic valuations of cyclic free semirings*
   Nancy Jiang, Ben Li, and Sophie Zhu
   International Journal of Algebra and Computation (to appear).
   DOI: https://doi.org/10.1142/S021819672350011X
   Available on arXiv: `https://arxiv.org/abs/2201.01245`

7. *Factorization invariants of the additive structure of exponential Puiseux semirings*
   Harold Polo
   Journal of Algebra and Its Applications, Vol. **22** (2023) 2350077.
   Available on arXiv: `https://arxiv.org/abs/2104.02127`

6. *Approximating length-based invariants in atomic Puiseux monoids*
   Harold Polo
   Algebra and Discrete Mathematics, Vol. **33** (2022) 128–139.
   Available on arXiv: `https://arxiv.org/abs/2007.09406`

5. *Factorizations in evaluation monoids of Laurent semirings*
   Sophie Zhu
   Communications in Algebra, Vol. **50** (2022) 2719–2730.
   Available on arXiv: `https://arxiv.org/abs/2108.11536`

4. *A characterization of finite factorization positive monoids*
   Harold Polo
   Communications of the Korean Mathematical Society, Vol. **37** (2022) 669–679.
   Available on arXiv: `https://arxiv.org/abs/2108.03195`

3. *On the set of molecules of numerical and Puiseux monoids*
   Marcos Tirador (with Marly Gotti)
   In: Rings, Monoids, and Module Theory (Eds. A. Badawi and J. Coykendall) Springer Proceedings in
   Mathematics & Statistics, Vol. **382**, Singapore, 2022.
   Available on arXiv: `https://arxiv.org/abs/2008.09904`

2. *On the atomic structure of exponential Puiseux monoids and semirings*
   Sofía Albizu-Campos, Juliet Bringas, and Harold Polo
   Communications in Algebra, Vol. **49** (2021) 850-863.
   Available on arXiv: `https://arxiv.org/abs/2006.07791`

1. *On the set of lengths of Puiseux monoids generated by multiple geometric sequences*
   Harold Polo
   Communications of the Korean Mathematical Society, Vol. **35** (2020) 1057-1073.
   Available on arXiv: `https://arxiv.org/abs/2001.06158`