

Jinhe Ye's publication list

Publication list

1. **Large implies Henselian**, with Will Johnson, Chieu-Minh Tran, and Erik Walsberg, submitted.
2. **When is $A+xA=\mathbb{R}$** , with Liang Yu and Xuanheng Zhao, to appear in J. Symb. Log.
3. **Lang-Weil type estimates in finite difference fields**, with Martin Hils, Ehud Hrushovski, and Tingxiang Zou, submitted.
4. **Zilber's trichotomy in Hausdorff geometric structures**, with Ben Castle and Assaf Hasson, submitted.
5. **Hyperbolicity and model-complete fields**, with Michał Szachniewicz, Int. Math. Res. Not. IMRN 2025, no. 4, Paper No. rna019, 21 pp.
6. **Of model completeness and algebraic groups**, with Daniel Hoffmann, Piotr Kowalski, and Chieu-Minh Tran, submitted.
7. **Non-trivial higher homotopy of first-order theories**, with Tim Campion, J. Symb. Log. 91 (2026), no. 1, 230-236.
8. **Curve-excluding fields**, with Will Johnson, J. Eur. Math. Soc. (JEMS).
9. **Tropical functions on a skeleton**, with Antoine Ducros, Ehud Hrushovski, and François Loeser, J. Éc. polytech. Math. 11 (2024), 613–654.
10. **When is the étale open topology a field topology?**, with Philip Dittmann and Erik Walsberg, Israel J. Math. 269 (2025) no. 1, 67-102.
11. **A note on geometric theories of fields**, with Will Johnson, Model Theory 2 (2023), 121–132.
12. **An invitation to extension domination**, with Kyle Gannon, Notre Dame J. Form. Log. 64 (2023), no. 3, 253-280.
13. **Beautiful pairs**, with Pablo Cubides Kovacsics and Martin Hils, J. Reine Angew. Math. 833 (2026), 235–283.
14. **The étale open topology over the fraction field of a Henselian local domain**, with Will Johnson and Erik Walsberg, Math. Nachr. 296 (2023), no. 5, 1928-1937.
15. **Éz fields**, with Erik Walsberg, J. Algebra. 614 (2023), 611–649.

16. **The étale open topology and the stable fields conjecture**, with Will Johnson, Chieu-Minh Tran, and Erik Walsberg, J. Eur. Math. Soc. (JEMS) 26 (2024), no.10, 4033–4070.
17. **Cohomology of algebraic varieties over non-archimedean fields**, with Pablo Cubides Kovacsics and Mário Edmundo, Forum Math. Sigma 10 (2022), Paper No. e94, 72 pp.
18. **Stable formulas in ordered structures**, with Daniel Hoffmann and Chieu-Minh Tran, Israel J. Math. 254 (2023), no. 1, 293–312.
19. **A note on μ -stabilizers in ACVF**, Ann. Pure Appl. Logic 174 (2023), no. 3, Paper No. 103210, 14 pp.
20. **Peterzil-Steinhorn subgroups and μ -stabilizers in ACF**, with Moshe Kamensky and Sergei Starchenko, J. Inst. Math. Jussieu 22 (2023), no. 3, 1003–1022.
21. **Homotopy types of abstract elementary classes**, with Tim Campion, J. Pure Appl. Algebra. 225 (2021), no. 5, Paper No. 106461, 9 pp.
22. **Pro-definability of spaces of definable types**, with Pablo Cubides Kovacsics, Proc. Amer. Math. Soc. Ser. B. 8 (2021), 173–188.
23. **Classifying spaces and the Lascar group**, with Tim Campion and Greg Cousins, J. Symb. Log. 86 (2021), no 4, 1396 - 1431.