

1. *The size and number of holes in the infected region of first passage percolation (in preparation)*
with [M. Damron](#), [W-K. Lam](#), [X. Shen](#)
2. *The number of saddles of the spherical p -spin model* ([preprint](#))
with [A. Auffinger](#).
3. *Dynamical freezing in a spin glass system with logarithmic correlations*
with [A. Cortines](#) and [O. Louidor](#).
Electron. J. Probab. Volume 23 (2018), paper no. 59, 31 pp.
4. *Intrinsic isoperimetry of the giant component of supercritical bond percolation in dimension two*
Electron. J. Probab. Volume 23 (2018), paper no. 53, 41 pp.
5. *Isoperimetry in supercritical bond percolation in dimensions three and higher.*
Ann. Inst. H. Poincaré Probab. Statist. Volume 54, Number 4 (2018), 2092 – 2158.
6. *A bound for orderings of Reidemeister moves.*
Algebr. Geom. Topol. Volume 13, Number 6 (2013), 3099 – 3110.