LIST OF PUBLICATIONS

JASON STARR

1. Published

1. J. Starr, **Rational curves in hypersurfaces in projective N-space**, Ph.D. thesis, Harvard University, June 2000.
2. A. J. de Jong and J. Starr, **Every rationally connected variety over the function field of a curve has a rational point**, *Amer. J. of Math.*, **125** (2003), 567–580.
3. T. Graber, J. Harris and J. Starr, **Familes of rationally connected varieties**, *J. Amer. Math. Soc.*, textbf16 (2003), 57–67,
   available at `http://arxiv.org/abs/math/0109220`
4. A. J. de Jong and J. Starr, **Cubic fourfolds and spaces of rational curves**, *Illinois J. Math.*, **48** (2004), 415–450,
   available at `http://www-math.sunysb.edu/~jstarr/papers`.
5. T. Graber, J. Harris, B. Mazur and J. Starr, **Arithmetic questions related to rationally connected varieties**, in *The legacy of Niels Henrik Abel*, 531–542, Springer, Berlin, 2004.
6. T. Graber, J. Harris, B. Mazur and J. Starr, **Jumps in Mordell-Weil rank and arithmetic surjectivity**, in *Arithmetic of higher-dimensional algebraic varieties (Palo Alto, CA, 2002)*, 141–147, Birkhäuser, Boston, 2004.
7. J. Harris, M. Roth, and J. Starr, **Rational curves on hypersurfaces of low degree**, *J. Reine Angew. Math.*, **571** (2004), 73–106,
   available at `http://arxiv.org/abs/math/0203088`
8. M. Olsson and J. Starr, **Quot functors for Deligne-Mumford stacks. Special issue in honor of Steven L. Kleiman**, *Comm. Algebra*, **31** (2004), 4069–4096,
   available at `http://arxiv.org/abs/math/0204307`
9. T. Graber, J. Harris, B. Mazur, and J. Starr, **Rational connectivity and sections of families over curves**, *Ann. Sci. Ecole Norm. Sup.(4)*, **38** (2005), 671–692,
   available at `http://arxiv.org/abs/math/0210225`
10. J. Harris and J. Starr, **Rational curves on hypersurfaces of low degree, II**, *Compos. Math.*, **141** (2005), 35–92,
    available at `http://arxiv.org/abs/math/0207257`
11. J. Harris, M. Roth, and J. Starr, **Curves of small degree on cubic threefolds**, *Rocky Mountain J. Math.*, **35** (2005), 761–817,
    available at `http://arxiv.org/abs/math/0202067`
12. I. Coskun and J. Starr, **Divisors on the space of maps to Grassmannians**, *Int. Math. Res. Not.* 2006, Art. ID 35273, 25 pp.
    available at `http://www-math.sunysb.edu/~jstarr/papers`.
13. T. D. Browning and D. R. Heath-Brown, with an appendix by J. Starr, **The density of rational points on non-singular hypersurfaces. II.**, *Proc. London Math. Soc.*, **93** (2006), 273–303.
14. A. J. de Jong and J. Starr, **Higher Fano manifolds and rational surfaces**, *Duke Math. J.*, **139** (2007), 173–183.

15. R. Beheshti and J. Starr, **Rational surfaces in index-one Fano hypersurfaces**, *J. Algebraic Geom.* **17** (2008), 255–274.

16. **Brauer groups and Galois cohomology of function fields of varieties.** *Publicaç ões Matemáticas do IMPA. [IMPA Mathematical Publications]*, Rio de Janeiro, 2008, 111 pp.

17. I. Coskun, J. Harris and J. Starr, **The effective cone of the Kontsevich moduli space**, *Canad. Math. Bull.* **51** (2008), 519–534.

18. I. Coskun, J. Harris and J. Starr, **The ample cone of the Kontsevich moduli space**, *Canad. J. Math.* **61** (2009), 109-123.

19. J. Starr, **Arithmetic over function fields**, in *Arithmetic Geometry*, 375-418, Amer. Math. Soc., Providence, 2009.

20. J. Starr, **A pencil of Enriques surfaces of index one with no section**, *Algebra and Number Theory* **3** (2009), 637-652.

21. I. Coskun and J. Starr, **Rational curves on smooth cubic hypersurfaces**, *Int. Math. Res. Not. IMRN* **no. 24** (2009), 4626-4641.

22. A. J. de Jong and J. Starr, **Almost proper GIT-stacks and discriminant avoidance**, *Doc. Math.* **15** (2010), 957-972.

23. A. J. de Jong, X. He and J. Starr, **Families of rationally simply connected varieties over surfaces and torsors for semisimple groups**, *Publ. Math. IHES.* **114** (2011), 1-85.

24. X. He and J. Starr, **Semi-stable locus of a group compactification**, *Represent. Theory* **15** (2011), 574-583.

25. J. Starr, **Rational points of rationally connected and rationally simply connected varieties**, in *Variétés rationnellement connexes: aspects géométriques et arithmétiques*, pp. 155-221, *Panor. Synth.* **31**, Soc. Math. Fr., Paris, 2010.

26. J. Starr, **Degenerations of rationally connected varieties and PAC fields**, in *A Celebration of Algebraic Geometry*, pp. 577-589, *Clay Math. Proc.* **18**, Amer. Math. Soc., Providence, RI, 2013.
    available at `http://arxiv.org/abs/math/0602649`

27. T. Graber and J. Starr, **Restriction of sections for families of Abelian varieties**, in *A Celebration of Algebraic Geometry*, pp. 311-327, *Clay Math. Proc.* **18**, Amer. Math. Soc., Providence, RI, 2013.
    available at `http://www.math.sunysb.edu/~jstarr/papers/index.html`

2. Preprint

28. J. Starr, **The Kodaira dimension of spaces of rational curves on low degree hypersurfaces**,
    available at `http://arxiv.org/abs/math/0305432`

29. J. Starr, **The maximal free rational quotient**,
    available at `http://arxiv.org/abs/math/0602640`

30. J. Starr, **Hypersurfaces of low degree are rationally simply-connected**,
    available at `http://arxiv.org/abs/math/0602641`

31. A. J. de Jong and J. Starr, **Divisor classes and the virtual canonical bundle for genus 0 maps**,
    available at `http://arxiv.org/abs/math/0602642`

32. A. J. de Jong and J. Starr, **A note on Fano manifolds whose second Chern character is positive**,
    available at `http://arxiv.org/abs/math/0602644`

33. A. J. de Jong and J. Starr, **Very twisting families of pointed lines on Grassmannians**,
    available at `http://arxiv.org/abs/math/0602645`

34. J. Starr, **Artin's axioms, composition and moduli spaces**,
available at `http://arxiv.org/abs/math/0602646`
35. J. Starr, **Fano varieties and linear sections of hypersurfaces**,
available at `http://arxiv.org/abs/math/0607133`
36. A. J. de Jong and J. Starr, **Low degree complete intersections are rationally simply connected**,
available at `http://www.math.sunysb.edu/~jstarr/papers/index.html`