

## Publication List for Ben Green

1. *The number of squares and  $B_h[g]$ -sets*, Acta Arithmetica **100** (2001) no. 4, 365–390.
2. *On arithmetic structures in dense sets of integers*, Duke Math. Jour. **114** (2002) no. 2, 215–238.
3. *Arithmetic progressions in sumsets*, GAFA **12** (2002) no. 3, 584–597.
4. *Some constructions in the inverse spectral theory of cyclic groups*, Comb. Prob. Comp. **12** (2003) no. 2, 127–138.
5. (with I. Z. Ruzsa) *Counting sumsets and sum-free sets modulo a prime*, Studia Sci. Math. Hungarica **41** (2004), no.3, 285–293.
6. *The Cameron-Erdős Conjecture*, Bull. London Math. Soc. **36** (2004), no. 6, 769–778.
7. *Spectral structure of sets of integers*, (survey article, Milan 2001) in Fourier analysis and convexity, 83–96, Appl. Numer. Harmon. Anal., Birkhauser Boston, Boston, MA, 2004.
8. (with I. Z. Ruzsa) *On the Hardy-Littlewood majorant problem*, Math. Proc. Camb. Phil. Soc **137** (2004), no. 3, 511–517.
9. *Counting sets with small sumset, and the clique number of random Cayley graphs*, Combinatorica, to appear.
10. *Roth’s Theorem in the primes*, Annals of Math, to appear.
11. (with I. Z. Ruzsa) *Sum-free sets in abelian groups*, Israel J. Math, to appear.
12. *Finite field models in additive combinatorics*, Surveys in Combinatorics 2005, to appear.
13. *A Szemerédi-type regularity lemma in abelian groups*, GAFA, to appear.
14. (with I. Z. Ruzsa) *Sets with small sumset and rectification*, Bull. London Math. Soc., to appear.
15. (with T. C. Tao) *The primes contain arbitrarily long arithmetic progressions*, submitted.
16. (with T. C. Tao) *Restriction theory of the Selberg sieve, with applications*, submitted.
17. (with S. V. Konyagin) *Dilating sets of integers modulo a prime, character sums and the Keakeya problem*, in preparation.
18. (with S. V. Konyagin) *Littlewood’s problem on the  $L^1$ -norm of trigonometric sums, modulo a prime*, in preparation.
19. *A note on lower bounds for random trigonometric sums*, in preparation.
20. (with T. C. Tao) *New bounds for Szemerédi’s theorem for progressions of length 4 in finite field geometries*, manuscript (54pp).
21. (with I. Z. Ruzsa) *Freiman’s theorem in an arbitrary abelian group*, in preparation.
22. (with T. C. Tao) *An inverse theorem for the Gowers  $U^3$ -norm*, manuscript (72pp).