

Selected publications

1. Bingtuan Li, Mark A. Lewis, and Hans F. Weinberger, Existence of traveling waves in integral recursions with nonmonotone growth functions, *Journal of Mathematical Biology* (in press)
2. Bingtuan Li, Competition in a turbidostat for an inhibitory nutrient, *Journal of Biological Dynamics* (in press)
3. Bingtuan Li and Hal Smith, Global dynamics of microbial competition for two resources with internal storage, *Journal of Mathematical Biology*, 55 (2007), 481-515.
4. Bingtuan Li and Yang Kuang, Heteroclinic bifurcation in the Michaelis-Menten type ratio-dependent predator-prey system, *SIAM J. Appl. Math.* 67 (2007), 1453–1465.
5. Hans F. Weinberger, Mark A. Lewis, and Bingtuan Li, Anomalous spreading speeds of cooperative recursion systems, *Journal of Mathematical Biology*, 55 (2007), 207-222.
6. Steven. M. Baer, Bingtuan Li, and Hal L. Smith. Multiple limit cycles in the standard model of three species competition for three essential resources. *Journal of Mathematical Biology*, 52 (2006), 745-750
7. Bingtuan Li, Hans F. Weinberger, and Mark A. Lewis, Spreading speeds as slowest wave speeds for cooperative systems, *Mathematical Biosciences*, 196 (2005), 82-98.
8. Bingtuan Li and Hal L. Smith, Periodic coexistence of four species competing for three essential resources, *Mathematical Biosciences*, 184 (2003), 115-135.
9. Hans F. Weinberger, Mark A. Lewis, and Bingtuan Li, Analysis of linear conjecture for spread in cooperative models, *Journal of Mathematical Biology*, 45 (2002), 183-218.
10. Mark A. Lewis, Bingtuan Li, and Hans F. Weinberger, Spreading speeds and the linear conjecture for two species competition model, *Journal of Mathematical Biology*, 45 (2002), 219-233.
11. Bingtuan Li and Hal L. Smith, How many species can two essential resources support? *SIAM J. Appl. Math.* 62 (2001) 336-366

12. Bingtuan Li, *Periodic coexistence in the chemostat with three species competing for three essential resources*, *Mathematical Biosciences*, 174 (2001), 27-40.

13. Bingtuan Li, Gail K. Wolkowicz, and Yang Kuang, *Global asymptotic behavior of a chemostat model with two perfectly complementary resources and distributed delay*, *SIAM J. Appl. Math.* 60 (2000), 2058–2086.

14. Bingtuan Li and Ronald Siegel, *Global analysis of a model pulsing drug delivery oscillator*, *Chaos*, 10 (2000), No.3, 682-690.

15. Bingtuan Li, *Global asymptotic behavior of the chemostat: general response functions and differential death rates*, *SIAM J. Appl. Math.* 59 (1999), 411-422.