

Publications

A. Books and Edited Works

1. R. Shamir. "On the complexity of the Simplex method", Ph.D. dissertation, College of Engineering, University of California, Berkeley, 1984.
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7. R. Shamir, Editor. Selected papers from RECOMB 2000. Special issue of *Journal of Computational Biology*, Vol 7 issues 3/4, 2000.
8. M. Li, P. Pevzner, R. Shamir, Guest editors. *Journal of Computer and System Sciences*, Special issue on Computational Biology, Volume 65, No. 3, November 2002.
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10. S. Istrail, P. Pevzner, R. Shamir, Editors. Computational Molecular Biology *Topics in Discrete Mathematics*, Volume 12, North-Holland, Amsterdam 2003. Reprinted from *Discrete Applied Mathematics*, Volume 127, number 1, April 2003.
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12. R. M. Karp, M. Li, P. Pevzner, R. Shamir, Guest editors. *Journal of Computer and System Sciences*, 2nd special issue on Computational Biology, Volume 70, No. 3, May 2005.
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14. R. M. Karp, M. Li, P. Pevzner, R. Shamir, Guest editors. *Journal of Computer and System Sciences*, 3rd special issue on Computational Biology, Volume 73, No. 7, November 2007.
15. S. Istrail, P. Pevzner, R. Shamir, F. Sun, Guest editors *Communication in Information and Systems*, Special issues dedicated to Michael Waterman on the occasion of his 67th birthday. Vol 9 3-4 2009 and Vol 10 1-2 2010.
16. P. A. Pevzner, R. Shamir, editors. Selected papers from the 2nd RECOMB satellite meeting on Bioinformatics Education (RECOMB-BE). *Journal of Computational Biology*, 18 (7), 2011.
17. P. A. Pevzner, R. Shamir (editors) "Bioinformatics for Biologists". Cambridge University Press, 2011 (in press)

B. Chapters in Books

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C. Journal Articles

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G. Software

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- E. Hartuv, R. Shamir, “HCS: A new clustering algorithm”
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- R. Sharan, R. Shamir, “CLICK: CLuster Identification via Connectivity Krenels”. A program for rapid clustering of large scale expression and other data.
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- C. Linhart, R. Elkon, Y. Shiloh, R. Shamir. “PRIMA: PRomoter Integration in Microarray Analysis” A program for finding transcription factors) whose binding sites are enriched in a given set of promoters.
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H. Patents

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