

## PUBLICATION LIST

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### Research Articles

1. On Odd Primary Stable Homotopy Theory, *Ph.D Dissertation*, Brandeis University, 1978.
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6. Immersions of manifolds, *Proceedings of the National Academy of Sciences, U.S.A* **79** (1982), 3390-3392.
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9. The Kervaire invariant of immersions (coauthor with J. Jones and M. Mahowald), *Inventiones Mathematicae* **79** (1985), 95 - 123.
10. The homotopy theory of immersions, Proceedings of the International Congress of Mathematicians, Warsaw, 1983, *P.W.N. - Polish Scientific Publishers* (1985), 627 - 640.
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13. The free loop space and the cyclic groups (coauthor with G. Carlsson), *Commentari Math. Helvetici.* **62** (1987), 423 - 449.
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17. The free loop space and the algebraic  $K$  - theory of spaces (coauthor with G. Carlsson, T. Goodwillie, and W.c. Hsiang), *K - theory*, **1** (1987), 53 - 82.

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19. On the Adams spectral sequence of the real projective spaces (coauthor with W.H. Lin and M. Mahowald), *Pacific Journal of Math.* **134** (1988), 27 - 55.
20. Lectures on Immersion Theory, (coauthor with U. Tillmann), Differential Geometry and Topology proceedings, Nankai University, *Springer Lecture Notes* **1369** (1989), 71-124
21. Generalized Tate homology, homotopy fixed points, and the transfer, (coauthor with A. Adem and W. Dwyer), Proceedings of the conference in Algebraic Topology, Northwestern Univ. 1988, *Contemporary Mathematics* **96** (1989), 1-13
22. Divisors and configurations on a surface, (coauthor with F. Cohen, B. Mann, and R.J. Milgram), Proceedings of the Conference in Algebraic Topology, Northwestern Univ. 1988, *Contemporary Mathematics* **96** (1989), 103-108
23. The algebraic  $K$  - theory of spaces and the Novikov conjecture, (coauthor with J.D.S. Jones), *Topology* **29** (1990), 317 - 344.
24. Representations of braid groups and operators coupled to monopoles, (coauthor with J.D.S. Jones), *London Math. Society Lecture Note Series* **150** (1990), 191 - 205.
25. The topology of rational functions and divisors of surfaces, (coauthor with F. Cohen, B. Mann, and R.J. Milgram), *Acta Mathematica* **166** (1991), 163 - 221.
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3. **Topological Aspects of Morse Theory**, (coauthor with K. Iga and P. Norbury), in preparation
4. **The Topology of Fiber Bundles**, AMS Open Math Notes, (2017) <https://www.ams.org/open-math-notes/omn-view-listing?listingId=110706>
5. **String Topology and Cyclic Homology** Adv. Courses in Math., CRM, Birkhauser, (2006).
6. **Bundles, Homotopy, and Manifolds**, *an introduction to graduate level algebraic and differential topology*, in preparation. See <https://math.stanford.edu/~ralph/book.pdf>. for the most recent version.