- Linear algebra, topology, and number theory, Proc. ICM 1983, Polish Scientific Publishers, North-Holland, New York, 1984, pp. 685-698.
- Characteristic Classes, Lattice Points, and Euler MacLaurin Formulae. Proceedings of the Int. Cong. of Mathematicians. Burkhauser Verlag, Basel, 1995, pp 612-624.
- Characteristic Classes of Complex Hypersurfaces (with Cappell, Maxim, and J. Scheuermann), Advances In Math 225(2010), no. 5, 2616-2647.
- Wall's surgery obstruction groups for Z x G, Ann. of Math., Vol. 90, (1969) pp. 296-334.
- Piecewise linear embeddings and their singularities, (with S. Cappell) Annals of Math., Vol. 103, (1976), pp. 163-228.
- Non-linear similarity, (with S. Cappell), Annals of Math., 113 (1981), pp. 315-355.
- Singular spaces, characteristic classes, and intersection homology (with S. Cappell), Annals of Math., 134 (1991), 325-374.
- Fixed points of periodic differentiable maps, (with S. Cappell), Inventiones Math., 68 (1982), pp. 1-20.
- Characteristic Classes of Complex Hypersurfaces (with Cappell, Maxim, and J. Scheuermann), Advances In Math 225 (2010), no. 5, 2616-2647.

Geometry and Topology of String Junctions, (with A. Grassi and J. Halverson and ), 1--20, <u>http://arxiv.org/abs/1410.6817</u>, Journal of Singularities, vol 15, 36--52, 2016