

PUBLICATION LIST
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1. *The Prescribed Ricci Curvature Problem on Homogeneous Spaces with Intermediate Subgroups* (with M.D. Gould), submitted.
2. *Ricci Iteration on Homogeneous Spaces* (with Y.A. Rubinstein), to appear in Transactions of the AMS.
3. *Existence of Homogeneous Metrics with Prescribed Ricci Curvature* (with M.D. Gould), to appear in Séminaire de Théorie Spectrale et Géométrie (Grenoble).
4. *The Ricci Flow on Domains in Cohomogeneity One Manifolds*, Journal of Mathematical Analysis and Applications **456** (2017), pages 745–766.
5. *Metrics with Prescribed Ricci Curvature on Homogeneous Spaces*, Journal of Geometry and Physics **106** (2016), pages 275–283.
6. *The Dirichlet Problem for the Prescribed Ricci Curvature Equation on Cohomogeneity One Manifolds*, Annali di Matematica Pura ed Applicata **195** (2016), pages 1269–1286.
7. *Metrics with Prescribed Ricci Curvature near the Boundary of a Manifold*, Mathematische Annalen **357** (2013), pages 969–986.
8. *Quasilinear Parabolic Equations and the Ricci Flow on Manifolds with Boundary*, Journal für die reine und angewandte Mathematik **683** (2013), pages 97–118.
9. *Gradient Estimates for the Heat Equation under the Ricci Flow* (with M. Bailesteanu and X. Cao), Journal of Functional Analysis **258** (2010), pages 3517–3542.
10. *The Li-Yau-Hamilton Estimate and the Yang-Mills Heat Equation on Manifolds with Boundary*, Journal of Functional Analysis **255** (2008), pages 2933–2965.
11. *The Hopf Boundary Point Lemma for Vector Bundle Sections*, Commentarii Mathematici Helvetici **83** (2008), pages 407–419.
12. *Image of a Jacobi Field* (with Y.M. Berezansky), in “Recent Advances in Matrix and Operator Theory”, edited by J.A. Ball, Y. Eidelman, J.W. Helton, V. Olshevsky, and J. Rovnyak, Birkhäuser Verlag, Basel, 2008, pages 47–62.
13. *Spectral Theory and Wiener-Itô Decomposition for the Image of a Jacobi Field* (with Y.M. Berezansky), Ukrainian Mathematical Journal **59** (2007), Mark Krein memorial issue, pages 811–832.
14. *Image of the Spectral Measure of a Jacobi Field and the Corresponding Operators* (with Y.M. Berezansky and E.W. Lytvynov), Integral Equations and Operator Theory **53** (2005), pages 191–208.
15. *On the Generalized Joint Eigenvector Expansion for Commuting Normal Operators*, in “Current Trends in Operator Theory and Its Applications”, edited by J.A. Ball, J.W. Helton, M. Klaus, and L. Rodman, Birkhäuser Verlag, Basel, 2004, pages 517–524.
16. *Support of a Joint Resolution of Identity and the Projection Spectral Theorem*, Infinite-Dimensional Analysis, Quantum Probability and Related Topics **6** (2003), pages 549–561.
17. *On the Support of the Product of Resolutions of Identity*, Methods of Functional Analysis and Topology **7** (2001), no. 2, pages 75–80.