List of Publications


11. (with X. Chen and H. Liu) Higher \( \rho \) invariant is an obstruction to the inverse being local. Journal of Geometry and Physics, 150 (2020), 103592.


30. (with Z. Xie) A relative higher index theorem, positive scalar curvature, and diffeomorphisms, Advances in Mathematics, 250 (2014) 35–73.


36. (with R. Willett) Higher index theory for certain expanders and Gromov’s
37. (with E. Guentner and R. Tessera) A notion of geometric complexity and
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38. Large scale geometry and its applications, Contemporary Mathematics,
39. (with E. Guentner and R. Tessera) Operator norm localization for linear
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40. (with S. Chang and S. Weinberger) Taming 3-manifolds using scalar cur-
41. A characterization of the image of the Baum-Connes map, Clay Mathe-
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tional Analysis, Vol. 257, 10 (2009), 3239–3292.
43. (with X. Chen, R. Tessera and X. Wang) Metric sparsification and operator
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44. (with P. Nowak) What is Property A? Notices of AMS, Volume 55, Issue
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45. (with G. Gong and Q. Wang) Geometrization of the strong Novikov con-
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46. (with S. Chang and S. Ferry) Bounded rigidity of manifolds and asymptotic
47. Higher index theory of elliptic operators and geometry of groups. Pro-
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Books

