

論文リスト (応募者名：濱中翔太)

(i) 査読付き論文

1. S. Hamanaka, Decompositions of the space of Riemannian metrics on a compact manifold with boundary, Calc. Var. Partial differential Equations **60**, 1–24 (2021).
2. S. Hamanaka, Non-Einstein relative Yamabe metrics, Kodai Math. J. **44**, 265–272 (2021).
3. S. Hamanaka, Ricci flow with bounded curvature integrals, Pacific J. Math. **314**, 283–309 (2021).
4. S. Hamanaka and P. T. Ho, Notes on the uniqueness of type II Yamabe metrics, NoDEA Nonlinear Differential Equations Appl. **32** (2025), no. 5, Paper No. 81.
5. S. Hamanaka and P. T. Ho, Convergence rate of the weighted conformal mean curvature flow, Anal. Geom. Metr. Spaces **13** (2025), Issue 1, Paper No. 20250026.

(ii) プレプリント等

1. S. Hamanaka, Type of finite time singularities of the Ricci flow with bounded scalar curvature, arXiv:2105.08250v5 (2021). 【プレプリント】
2. S. Hamanaka, Limit theorems for the total scalar curvature, arXiv:2208.01865v18 (2022). (old version: C^0 , C^1 -limit theorems for total scalar curvatures) 【プレプリント】, Submitted.
3. S. Hamanaka, Upper bound preservation of the total scalar curvature in a conformal class, arXiv:2301.05444v6 (2023). 【プレプリント】, Submitted.
4. S. Hamanaka, Notes on scalar curvature lower bounds of steady gradient Ricci solitons, arXiv:2409.00583v3 (2024). 【プレプリント】
5. S. Hamanaka, Extremal metrics involving scalar curvature, arXiv:2504.06547v3 (2025).