

A Roughly Ranked List of Journals

The focus here is on general interest journals and journals in geometry, topology, and group theory. The journals are roughly ranked into tiers (with the more highly ranked journals at the top and with the journals in each tier listed alphabetically). The list is of course biased, but I hope it is still useful as a resource.

Annals of Mathematics
Inventiones Mathematicae
Journal of the American Mathematical Society
Publications Mathématiques de l'IHÉS

Acta Mathematica
Advances in Mathematics
Duke Mathematical Journal
Journal of the European Mathematical Society

American Journal of Mathematics
Geometric and Functional Analysis
Geometry & Topology
Journal für die reine und angewandte Mathematik (Crelle's Journal)
Journal of Differential Geometry

Commentarii Mathematici Helvetici
Compositio Mathematica
Mathematische Annalen

Journal of Topology
Mathematische Zeitschrift
Proceedings of the London Mathematical Society
Transactions of the American Mathematical Society

Algebraic & Geometric Topology
Bulletin of the London Mathematical Society
Groups, Geometry, and Dynamics
International Mathematics Research Notices
Israel Journal of Mathematics
Journal of Algebra
Journal of the London Mathematical Society
Mathematical Research Letters
Michigan Mathematical Journal
Proceedings American Mathematical Society

(The second page starts a new tier.)

Geometriae Dedicata
Glasgow Mathematical Journal
Journal of Topology and Analysis
New York Journal of Mathematics
Pacific Journal of Mathematics
Proceedings of the Edinburgh Mathematical Society
Topology and its Applications

Glasnik Matematicki
Journal of Knot Theory and Its Ramifications
Rocky Mountain Journal of Mathematics

Journals that publish expository papers:

L'Enseignement mathématique
Bulletin of the London Mathematical Society
Mathematical Research Letters

Journals that publish long papers:

Memoirs of the American Mathematical Society
Astérisque

Journals that publish quickly:

Bulletin of the Australian Mathematical Society
International Mathematics Research Notices
Mathematical Research Letters