

# Robert Haslhofer

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mean Convex Mean Curvature Flow with Free Boundary. <i>Communications on Pure and Applied Mathematics</i> , 2022, 75, 767-817.	3.1	3
2	Ancient asymptotically cylindrical flows and applications. <i>Inventiones Mathematicae</i> , 2022, 229, 139-241.	2.5	9
3	Heat Flow on Time-Dependent Manifolds. <i>Journal of Geometric Analysis</i> , 2022, 32, .	1.0	0
4	Ancient low-entropy flows, mean-convex neighborhoods, and uniqueness. <i>Acta Mathematica</i> , 2022, 228, 217-301.	3.9	8
5	Brownian motion on Perelman's almost Ricci-flat manifold. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2020, 2020, 217-239.	0.9	1
6	Diameter and curvature control under mean curvature flow. <i>American Journal of Mathematics</i> , 2020, 142, 1877-1896.	1.1	2
7	Low Complexity Solutions of the Allen-Cahn Equation on Three-spheres. <i>Canadian Mathematical Bulletin</i> , 2019, 62, 287-291.	0.5	0
8	Minimal 2-spheres in 3-spheres. <i>Duke Mathematical Journal</i> , 2019, 168, .	1.5	9
9	The Moduli Space of Two-Convex Embedded Tori. <i>International Mathematics Research Notices</i> , 2019, 2019, 392-406.	1.0	5
10	Ricci Curvature and Bochner Formulas for Martingales. <i>Communications on Pure and Applied Mathematics</i> , 2018, 71, 1074-1108.	3.1	9
11	Characterizations of the Ricci flow. <i>Journal of the European Mathematical Society</i> , 2018, 20, 1269-1302.	1.4	15
12	Singularities of mean convex level set flow in general ambient manifolds. <i>Advances in Mathematics</i> , 2018, 329, 1137-1155.	1.1	7
13	Mean Curvature Flow of Mean Convex Hypersurfaces. <i>Communications on Pure and Applied Mathematics</i> , 2017, 70, 511-546.	3.1	47
14	Mean curvature flow with surgery. <i>Duke Mathematical Journal</i> , 2017, 166, .	1.5	22
15	Ancient solutions of the mean curvature flow. <i>Communications in Analysis and Geometry</i> , 2016, 24, 593-604.	0.4	33
16	Uniqueness of the bowl soliton. <i>Geometry and Topology</i> , 2015, 19, 2393-2406.	1.3	38
17	On Brendle's Estimate for the Inscribed Radius Under Mean Curvature Flow. <i>International Mathematics Research Notices</i> , 2015, 2015, 6558-6561.	1.0	14
18	Quantitative stratification and the regularity of harmonic map flow. <i>Calculus of Variations and Partial Differential Equations</i> , 2015, 53, 365-381.	1.7	5

#	ARTICLE	IF	CITATIONS
19	The Stability Inequality for Ricci-Flat Cones. <i>Journal of Geometric Analysis</i> , 2014, 24, 472-494.	1.0	7
20	Dynamical stability and instability of Ricci-flat metrics. <i>Mathematische Annalen</i> , 2014, 360, 547-553.	1.4	24
21	Quantitative Stratification and the Regularity of Mean Curvature Flow. <i>Geometric and Functional Analysis</i> , 2013, 23, 828-847.	1.8	23
22	Perelman's lambda-functional and the stability of Ricci-flat metrics. <i>Calculus of Variations and Partial Differential Equations</i> , 2012, 45, 481-504.	1.7	18
23	A Compactness Theorem for Complete Ricci Shrinkers. <i>Geometric and Functional Analysis</i> , 2011, 21, 1091-1116.	1.8	44
24	A renormalized Perelman-functional and a lower bound for the ADM-mass. <i>Journal of Geometry and Physics</i> , 2011, 61, 2162-2167.	1.4	6