Ilkka Holopainen

List of Publications by Year
in descending order

30 papers	515 citations	759233 12 h-index	677142 22 g-index
32 all docs	32 docs citations	32 times ranked	132 citing authors

#	ARTICLE	IF	CITATIONS
1	Quasiregular maps on Carnot groups. Journal of Geometric Analysis, 1997, 7, 109-148.	1.0	73
2	p-harmonic functions on graphs and manifolds. Manuscripta Mathematica, 1997, 94, 95-110.	0.6	57
3	Harnack inequality and hyperbolicity for subelliptic p -Laplacians with applications to Picard type theorems. Geometric and Functional Analysis, 2001, 11, 1139-1191.	1.8	50
4	Volume growth, Green's functions, and parabolicity of ends. Duke Mathematical Journal, 1999, 97, 319.	1.5	49
5	Singular solutions, homogeneous norms, and quasiconformal mappings in Carnot groups. Mathematische Annalen, 2002, 324, 159-186.	1.4	34
6	Positive Solutions of Quasilinear Elliptic Equations on Riemannian Manifolds. Proceedings of the London Mathematical Society, 1992, s3-65, 651-672.	1.3	27
7	Rough isometries and p-harmonic functions with finite Dirichlet integral. Revista Matematica Iberoamericana, 1994, 10, 143-176.	0.9	25
8	Quasiregular mappings of the Heisenberg group. Mathematische Annalen, 1992, 294, 625-643.	1.4	19
9	A sharpL q-Liouville theorem forp-harmonic functions. Israel Journal of Mathematics, 2000, 115, 363-379.	0.8	19
10	Volume growth and parabolicity. Proceedings of the American Mathematical Society, 2001, 129, 3425-3435.	0.8	19
11	Asymptotic Dirichlet problem for the p-Laplacian on Cartan-Hadamard manifolds. Proceedings of the American Mathematical Society, 2002, 130, 3393-3400.	0.8	19
12	Solutions of elliptic equations on manifolds with roughly Euclidean ends. Mathematische Zeitschrift, 1994, 217, 459-477.	0.9	14
13	Dirichlet problem at infinity on Gromov hyperbolic metric measure spaces. Mathematische Annalen, 2007, 339, 101-134.	1.4	12
14	A Picard type theorem for quasiregular mappings of $\mathbb R^n$ into n-manifolds with many ends. Revista Matematica Iberoamericana, 1992, 8, 131-148.	0.9	12
15	Global Comparison Principles for the p-Laplace Operator on Riemannian Manifolds. Potential Analysis, 2011, 34, 371-384.	0.9	11
16	Classification of Riemannian manifolds in nonlinear potential theory. Potential Analysis, 1993, 2, 37-66.	0.9	9
17	Nonsolvability of the asymptotic Dirichlet problem for some quasilinear elliptic PDEs on Hadamard manifolds. Revista Matematica Iberoamericana, 2015, 31, 1107-1129.	0.9	9
18	On the Asymptotic Dirichlet Problem for the Minimal Hypersurface Equation in a Hadamard Manifold. Potential Analysis, 2017, 47, 485-501.	0.9	8

#	Article	IF	Citations
19	Convexity at infinity in Cartan–Hadamard manifolds and applications to the asymptotic Dirichlet and Plateau problems. Mathematische Zeitschrift, 2018, 290, 221-250.	0.9	8
20	A big Picard theorem for quasiregular mappings into manifolds with many ends. Proceedings of the American Mathematical Society, 2004, 133, 1143-1150.	0.8	6
21	Dirichlet problem for f-minimal graphs. Journal D'Analyse Mathematique, 2019, 138, 917-950.	0.8	6
22	Solvability of Minimal Graph Equation Under Pointwise Pinching Condition for Sectional Curvatures. Journal of Geometric Analysis, 2017, 27, 1106-1130.	1.0	5
23	Failure of the Denjoy theorem for quasiregular maps in dimension $n \ge 3$. Proceedings of the American Mathematical Society, 1996, 124, 1783-1788.	0.8	4
24	Nonsolvability of the asymptotic Dirichlet problem for the p-Laplacian on Cartan–Hadamard manifolds. Advances in Calculus of Variations, 2016, 9, .	1.2	4
25	Asymptotic Dirichlet problem for ${\mathcal A}$-harmonic and minimal graph equations in Cartan–Hadamard manifolds. Communications in Analysis and Geometry, 2019, 27, 809-855.	0.4	4
26	Existence and non-existence of minimal graphic and p-harmonic functions. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 341-366.	1.2	3
27	Asymptotic Dirichlet problems in warped products. Mathematische Zeitschrift, 2020, 295, 211-248.	0.9	2
28	Harmonic functions and volume growth of fingerless ends. Mathematische Zeitschrift, 2000, 235, 259-273.	0.9	0
29	Asymptotic Plateau problem for prescribed mean curvature hypersurfaces. Proceedings of the American Mathematical Society, 2020, 148, 1731-1743.	0.8	0
30	Non-Parametric Mean Curvature Flow with Prescribed Contact Angle in Riemannian Products. Analysis and Geometry in Metric Spaces, 2022, 10, 31-39.	0.5	0