

Peter Petersen

List of Publications by Year in descending order

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32
papers

1,482
citations

516710

16
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Riemannian Geometry. Graduate Texts in Mathematics, 1998, , .	0.5	247
2	Riemannian Geometry. Graduate Texts in Mathematics, 2016, , .	0.5	193
3	Rigidity of gradient Ricci solitons. Pacific Journal of Mathematics, 2009, 241, 329-345.	0.5	149
4	On the classification of gradient Ricci solitons. Geometry and Topology, 2010, 14, 2277-2300.	1.3	110
5	Bounding Homotopy Types by Geometry. Annals of Mathematics, 1988, 128, 195.	4.2	96
6	Geometric finiteness theorems via controlled topology. Inventiones Mathematicae, 1990, 99, 205-213.	2.5	88
7	On gradient Ricci solitons with symmetry. Proceedings of the American Mathematical Society, 2009, 137, 2085-2092.	0.8	86
8	On the classification of warped product Einstein metrics. Communications in Analysis and Geometry, 2012, 20, 271-311.	0.4	79
9	Manifolds near the boundary of existence. Journal of Differential Geometry, 1991, 33, 379.	1.1	57
10	Analysis and geometry on manifolds with integral Ricci curvature bounds. II. Transactions of the American Mathematical Society, 2001, 353, 457-478.	0.9	54
11	A radius sphere theorem. Inventiones Mathematicae, 1993, 112, 577-583.	2.5	47
12	Integral curvature bounds, distance estimates and applications. Journal of Differential Geometry, 1998, 50, 269.	1.1	43
13	A finiteness theorem for metric spaces. Journal of Differential Geometry, 1990, 31, .	1.1	32
14	On eigenvalue pinching in positive Ricci curvature. Inventiones Mathematicae, 1999, 138, 1-21.	2.5	29
15	Little topology, big volume. Duke Mathematical Journal, 1992, 67, 273.	1.5	22
16	A pinching theorem for homotopy spheres. Journal of the American Mathematical Society, 1990, 3, 671-677.	3.9	22
17	Volume comparison À la Aleksandrov. Acta Mathematica, 1992, 169, 131-151.	3.9	15
18	New curvature conditions for the Bochner Technique. Inventiones Mathematicae, 2021, 224, 33-54.	2.5	14

#	ARTICLE	IF	CITATIONS
19	Warped product Einstein metrics over spaces with constant scalar curvature. Asian Journal of Mathematics, 2014, 18, 159-190.	0.3	14
20	Aspects of global Riemannian geometry. Bulletin of the American Mathematical Society, 1999, 36, 297-345.	1.5	13
21	Warped product Einstein metrics on homogeneous spaces and homogeneous Ricci solitons. Journal Fur Die Reine Und Angewandte Mathematik, 2015, 2015, 217-245.	0.9	13
22	On Frankel's Theorem. Canadian Mathematical Bulletin, 2003, 46, 130-139.	0.5	13
23	On Cheeger's inequality. Commentarii Mathematici Helvetici, 1993, 68, 599-621.	0.7	10
24	Spaces on and beyond the boundary of existence. Journal of Geometric Analysis, 1995, 5, 419-426.	1.0	8
25	Warped product rigidity. Asian Journal of Mathematics, 2015, 19, 135-170.	0.3	6
26	Vanishing and estimation results for Hodge numbers. Journal Fur Die Reine Und Angewandte Mathematik, 2021, 2021, 197-219.	0.9	4
27	Generalized doubling meets Poincaré. Journal of Geometric Analysis, 2007, 17, 485-494.	1.0	3
28	Uniqueness of Warped Product Einstein Metrics and Applications. Journal of Geometric Analysis, 2015, 25, 2617-2644.	1.0	3
29	The Boundary Conjecture for Leaf Spaces. Annales De L'Institut Fourier, 2019, 69, 2941-2950.	0.6	3
30	Eigenvalue pinching for Riemannian vector bundles. Journal Fur Die Reine Und Angewandte Mathematik, 1999, 1999, 73-86.	0.9	2
31	Linear stability of algebraic Ricci solitons. Journal Fur Die Reine Und Angewandte Mathematik, 2016, 2016, 181-224.	0.9	2
32	Tachibana-type theorems and special Holonomy. Annals of Global Analysis and Geometry, 2022, 61, 847-868.	0.6	2