

# 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	Tachibana-type theorems and special Holonomy. <i>Annals of Global Analysis and Geometry</i> , 2022, 61, 847-868.	0.6	2
2	New curvature conditions for the Bochner Technique. <i>Inventiones Mathematicae</i> , 2021, 224, 33-54.	2.5	14
3	Vanishing and estimation results for Hodge numbers. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2021, 2021, 197-219.	0.9	4
4	The Boundary Conjecture for Leaf Spaces. <i>Annales De L'Institut Fourier</i> , 2019, 69, 2941-2950.	0.6	3
5	Linear stability of algebraic Ricci solitons. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2016, 2016, 181-224.	0.9	2
6	Riemannian Geometry. <i>Graduate Texts in Mathematics</i> , 2016, , .	0.5	193
7	Warped product Einstein metrics on homogeneous spaces and homogeneous Ricci solitons. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2015, 2015, 217-245.	0.9	13
8	Uniqueness of Warped Product Einstein Metrics and Applications. <i>Journal of Geometric Analysis</i> , 2015, 25, 2617-2644.	1.0	3
9	Warped product rigidity. <i>Asian Journal of Mathematics</i> , 2015, 19, 135-170.	0.3	6
10	Warped product Einstein metrics over spaces with constant scalar curvature. <i>Asian Journal of Mathematics</i> , 2014, 18, 159-190.	0.3	14
11	On the classification of warped product Einstein metrics. <i>Communications in Analysis and Geometry</i> , 2012, 20, 271-311.	0.4	79
12	On the classification of gradient Ricci solitons. <i>Geometry and Topology</i> , 2010, 14, 2277-2300.	1.3	110
13	On gradient Ricci solitons with symmetry. <i>Proceedings of the American Mathematical Society</i> , 2009, 137, 2085-2092.	0.8	86
14	Rigidity of gradient Ricci solitons. <i>Pacific Journal of Mathematics</i> , 2009, 241, 329-345.	0.5	149
15	Generalized doubling meets Poincaré. <i>Journal of Geometric Analysis</i> , 2007, 17, 485-494.	1.0	3
16	On Frankel's Theorem. <i>Canadian Mathematical Bulletin</i> , 2003, 46, 130-139.	0.5	13
17	Analysis and geometry on manifolds with integral Ricci curvature bounds. II. <i>Transactions of the American Mathematical Society</i> , 2001, 353, 457-478.	0.9	54
18	Eigenvalue pinching for Riemannian vector bundles. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 1999, 1999, 73-86.	0.9	2

#	ARTICLE	IF	CITATIONS
19	On eigenvalue pinching in positive Ricci curvature. <i>Inventiones Mathematicae</i> , 1999, 138, 1-21.	2.5	29
20	Aspects of global Riemannian geometry. <i>Bulletin of the American Mathematical Society</i> , 1999, 36, 297-345.	1.5	13
21	Integral curvature bounds, distance estimates and applications. <i>Journal of Differential Geometry</i> , 1998, 50, 269.	1.1	43
22	Riemannian Geometry. <i>Graduate Texts in Mathematics</i> , 1998, , .	0.5	247
23	Spaces on and beyond the boundary of existence. <i>Journal of Geometric Analysis</i> , 1995, 5, 419-426.	1.0	8
24	A radius sphere theorem. <i>Inventiones Mathematicae</i> , 1993, 112, 577-583.	2.5	47
25	On Cheeger's inequality. <i>Commentarii Mathematici Helvetici</i> , 1993, 68, 599-621.	0.7	10
26	Little topology, big volume. <i>Duke Mathematical Journal</i> , 1992, 67, 273.	1.5	22
27	Volume comparison $\tilde{A}$ la Aleksandrov. <i>Acta Mathematica</i> , 1992, 169, 131-151.	3.9	15
28	Manifolds near the boundary of existence. <i>Journal of Differential Geometry</i> , 1991, 33, 379.	1.1	57
29	Geometric finiteness theorems via controlled topology. <i>Inventiones Mathematicae</i> , 1990, 99, 205-213.	2.5	88
30	A pinching theorem for homotopy spheres. <i>Journal of the American Mathematical Society</i> , 1990, 3, 671-677.	3.9	22
31	A finiteness theorem for metric spaces. <i>Journal of Differential Geometry</i> , 1990, 31, .	1.1	32
32	Bounding Homotopy Types by Geometry. <i>Annals of Mathematics</i> , 1988, 128, 195.	4.2	96