

Peter M Topping

List of Publications by Year in descending order

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papers

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623734

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677142

22
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33
all docs

33
docs citations

33
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Global regularity of three-dimensional Ricci limit spaces. Transactions of the American Mathematical Society Series B, 2022, 9, 345-370.	1.1	4
2	Local mollification of Riemannian metrics using Ricci flow, and Ricci limit spaces. Geometry and Topology, 2021, 25, 913-948.	1.3	15
3	Pyramid Ricci flow in higher dimensions. Mathematische Zeitschrift, 2020, 296, 511-523.	0.9	9
4	Ricci Flow and Ricci Limit Spaces. Lecture Notes in Mathematics, 2020, , 79-112.	0.2	3
5	Rate of curvature decay for the contracting cusp Ricci flow. Communications in Analysis and Geometry, 2020, 28, 1221-1250.	0.4	0
6	Uniqueness and nonuniqueness of limits of Teichmüller harmonic map flow. Advances in Calculus of Variations, 2020, .	1.2	0
7	Global weak solutions of the Teichmüller harmonic map flow into general targets. Analysis and PDE, 2019, 12, 815-842.	1.4	4
8	Teichmüller harmonic map flow into nonpositively curved targets. Journal of Differential Geometry, 2018, 108, .	1.1	10
9	Horizontal curves of hyperbolic metrics. Calculus of Variations and Partial Differential Equations, 2018, 57, 106.	1.7	7
10	Sharp Decay Estimates for the Logarithmic Fast Diffusion Equation and the Ricci Flow on Surfaces. Annals of PDE, 2017, 3, 6.	1.8	6
11	Flowing maps to minimal surfaces. American Journal of Mathematics, 2016, 138, 1095-1115.	1.1	14
12	Ricci flows with bursts of unbounded curvature. Communications in Partial Differential Equations, 2016, 41, 854-876.	2.2	4
13	Refined asymptotics of the Teichmüller harmonic map flow into general targets. Calculus of Variations and Partial Differential Equations, 2016, 55, 85.	1.7	6
14	A uniform Poincaré estimate for quadratic differentials on closed surfaces. Calculus of Variations and Partial Differential Equations, 2015, 53, 587-604.	1.7	6
15	Uniqueness of instantaneously complete Ricci flows. Geometry and Topology, 2015, 19, 1477-1492.	1.3	19
16	Remarks on Hamilton's Compactness Theorem for Ricci flow. Journal Fur Die Reine Und Angewandte Mathematik, 2014, 2014, .	0.9	7
17	Asymptotics of the Teichmüller harmonic map flow. Advances in Mathematics, 2013, 244, 874-893.	1.1	15
18	Ricci flows with unbounded curvature. Mathematische Zeitschrift, 2013, 273, 449-460.	0.9	14

#	ARTICLE	IF	CITATIONS
19	The canonical shrinking soliton associated to a Ricci flow. <i>Calculus of Variations and Partial Differential Equations</i> , 2012, 43, 173-184.	1.7	4
20	Almost-Schur lemma. <i>Calculus of Variations and Partial Differential Equations</i> , 2012, 43, 347-354.	1.7	33
21	Existence of Ricci Flows of Incomplete Surfaces. <i>Communications in Partial Differential Equations</i> , 2011, 36, 1860-1880.	2.2	44
22	On Type-I singularities in Ricci flow. <i>Communications in Analysis and Geometry</i> , 2011, 19, 905-922.	0.4	67
23	Ricci flow of negatively curved incomplete surfaces. <i>Calculus of Variations and Partial Differential Equations</i> , 2010, 38, 357-367.	1.7	22
24	Ricci flow compactness via pseudolocality, and flows with incomplete initial metrics. <i>Journal of the European Mathematical Society</i> , 2010, 12, 1429-1451.	1.4	34
25	$\hat{\alpha}_\infty$ -optimal transportation for Ricci flow. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2009, 2009, .	0.9	14
26	Improved regularity of harmonic map flows with Hölder continuous energy. <i>Calculus of Variations and Partial Differential Equations</i> , 2004, 21, 47.	1.7	2
27	Winding behaviour of finite-time singularities of the harmonic map heat flow *. <i>Mathematische Zeitschrift</i> , 2004, 247, 279-302.	0.9	31
28	Repulsion and quantization in almost-harmonic maps, and asymptotics of the harmonic map flow. <i>Annals of Mathematics</i> , 2004, 159, 465-534.	4.2	34
29	Towards the Willmore conjecture. <i>Calculus of Variations and Partial Differential Equations</i> , 2000, 11, 361-393.	1.7	27
30	The isoperimetric inequality on a surface. <i>Manuscripta Mathematica</i> , 1999, 100, 23-33.	0.6	18
31	Mean curvature flow and geometric inequalities. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 1998, 1998, 47-61.	0.9	45