

Catherine Searle

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

311
citations

933447

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940533

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17
all docs

17
docs citations

17
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Positively curved manifolds with maximal symmetry-rank. Journal of Pure and Applied Algebra, 1994, 91, 137-142.	0.6	77
2	Differential topological restrictions curvature and symmetry. Journal of Differential Geometry, 1997, 47, 530.	1.1	43
3	Cohomogeneity and positive curvature in low dimensions. Mathematische Zeitschrift, 1993, 214, 491-498.	0.9	38
4	Orientation and Symmetries of Alexandrov Spaces with Applications in Positive Curvature. Journal of Geometric Analysis, 2017, 27, 1636-1666.	1.0	25
5	On the topology of nonnegatively curved simply connected 4-manifolds with continuous symmetry. Duke Mathematical Journal, 1994, 74, 547.	1.5	23
6	Low-dimensional manifolds with non-negative curvature and maximal symmetry rank. Proceedings of the American Mathematical Society, 2010, 139, 2559-2564.	0.8	20
7	How to lift positive Ricci curvature. Geometry and Topology, 2015, 19, 1409-1475.	1.3	17
8	Cohomogeneity one Alexandrov spaces. Transformation Groups, 2011, 16, 91-107.	0.7	15
9	Global G-Manifold Reductions and Resolutions. Annals of Global Analysis and Geometry, 2000, 18, 437-446.	0.6	13
10	Nonnegatively curved 5-manifolds with almost maximal symmetry rank. Geometry and Topology, 2014, 18, 1397-1435.	1.3	13
11	Diameters of 3-sphere quotients. Differential Geometry and Its Applications, 2009, 27, 307-319.	0.5	7
12	How tightly can you fold a sphere?. Differential Geometry and Its Applications, 2005, 22, 81-104.	0.5	5
13	Cohomogeneity and positive curvature in low dimensions. Mathematische Zeitschrift, 1997, 226, 165-167.	0.9	4
14	Regularization via Cheeger deformations. Annals of Global Analysis and Geometry, 2015, 48, 295-303.	0.6	4
15	Non-negatively Curved 6-Manifolds with Almost Maximal Symmetry Rank. Journal of Geometric Analysis, 2019, 29, 1002-1017.	1.0	4
16	Torus actions, maximality, and non-negative curvature. Journal Fur Die Reine Und Angewandte Mathematik, 2021, 2021, 221-264.	0.9	3