

Igor Belegradek

List of Publications by Year in descending order

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31
papers

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1163117

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12
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32
all docs

32
docs citations

32
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Obstructions to nonnegative curvature and rational homotopy theory. Journal of the American Mathematical Society, 2003, 16, 259-284.	3.9	21
2	ON CO-HOPFIAN NILPOTENT GROUPS. Bulletin of the London Mathematical Society, 2003, 35, 805-811.	0.8	17
3	Topological obstructions to nonnegative curvature. Mathematische Annalen, 2001, 320, 167-190.	1.4	14
4	Moduli spaces of nonnegative sectional curvature and non-unique souls. Journal of Differential Geometry, 2011, 89, .	1.1	12
5	Title is missing!. International Mathematics Research Notices, 2004, 2004, 3079.	1.0	11
6	Classification of negatively pinched manifolds with amenable fundamental groups. Acta Mathematica, 2006, 196, 229-260.	3.9	10
7	Aspherical manifolds with relatively hyperbolic fundamental groups. Geometriae Dedicata, 2007, 129, 119-144.	0.3	10
8	Codimension two souls and cancellation phenomena. Advances in Mathematics, 2015, 275, 1-46.	1.1	9
9	Connectedness properties of the space of complete nonnegatively curved planes. Mathematische Annalen, 2015, 362, 1273-1286.	1.4	9
10	On Mostow rigidity for variable negative curvature. Topology, 2002, 41, 341-361.	0.3	7
11	ENDOMORPHISMS OF RELATIVELY HYPERBOLIC GROUPS. International Journal of Algebra and Computation, 2008, 18, 97-110.	0.5	7
12	Vector bundles with infinitely many souls. Proceedings of the American Mathematical Society, 2003, 131, 2217-2221.	0.8	6
13	Aspherical manifolds, relative hyperbolicity, simplicial volume and assembly maps. Algebraic and Geometric Topology, 2006, 6, 1341-1354.	0.4	6
14	Intersections in hyperbolic manifolds. Geometry and Topology, 1998, 2, 117-144.	1.3	6
15	Pinching, Pontrjagin classes, and negatively curved vector bundles. Inventiones Mathematicae, 2001, 144, 353-379.	2.5	5
16	Space of nonnegatively curved metrics and pseudoisotopies. Journal of Differential Geometry, 2017, 105, .	1.1	5
17	Complex hyperbolic hyperplane complements. Mathematische Annalen, 2012, 353, 545-579.	1.4	4
18	Lipschitz precompactness for closed negatively curved manifolds. Proceedings of the American Mathematical Society, 1999, 127, 1201-1208.	0.8	3

#	ARTICLE	IF	CITATIONS
19	AN ASSORTMENT OF NEGATIVELY CURVED ENDS. <i>Journal of Topology and Analysis</i> , 2013, 05, 439-449.	0.5	3
20	Topology of open nonpositively curved manifolds. , 0, , 32-83.		3
21	Spaces of nonnegatively curved surfaces. <i>Journal of the Mathematical Society of Japan</i> , 2018, 70, .	0.4	3
22	Rays and souls in von Mangoldt planes. <i>Pacific Journal of Mathematics</i> , 2012, 259, 279-306.	0.5	3
23	Hyperplane arrangements in negatively curved manifolds and relative hyperbolicity. <i>Groups, Geometry, and Dynamics</i> , 2013, 7, 13-38.	0.5	3
24	Smoothness of Minkowski sum and generic rotations. <i>Journal of Mathematical Analysis and Applications</i> , 2017, 450, 1229-1244.	1.0	2
25	Nonnegative Curvature, Symmetry and Fundamental Group. <i>Geometriae Dedicata</i> , 2004, 106, 169-184.	0.3	1
26	Obstructions to nonpositive curvature for open manifolds. <i>Proceedings of the London Mathematical Society</i> , 2014, 109, 763-784.	1.3	1
27	Hyperspaces of smooth convex bodies up to congruence. <i>Advances in Mathematics</i> , 2018, 332, 176-198.	1.1	1
28	Open aspherical manifolds not covered by the Euclidean space. <i>Proceedings of the American Mathematical Society</i> , 2015, 143, 3641-3643.	0.8	0
29	Centers of disks in Riemannian manifolds. <i>Pacific Journal of Mathematics</i> , 2020, 304, 401-418.	0.5	0
30	Correction to "Moduli spaces of nonnegative sectional curvature and non-unique souls", <i>J. Diff. Geom.</i> 89 (2011), no. 1, 49-85.. <i>Journal of Differential Geometry</i> , 2021, 119, .	1.1	0
31	Diffeomorphic souls and disconnected moduli spaces of nonnegatively curved metrics. <i>Annales De L'Institut Fourier</i> , 2022, 72, 109-122.	0.6	0