

Martin R Bridson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2433066/publications.pdf>

Version: 2024-02-01

97
papers

3,557
citations

394421

19
h-index

144013

57
g-index

98
all docs

98
docs citations

98
times ranked

878
citing authors

#	ARTICLE	IF	CITATIONS
1	Concise presentations of direct products. Proceedings of the American Mathematical Society, 2022, 150, 1361-1368.	0.8	0
2	ON THE RECOGNITION OF RIGHT-ANGLED ARTIN GROUPS. Glasgow Mathematical Journal, 2020, 62, 473-475.	0.3	1
3	The homology of groups, profinite completions, and echoes of Gilbert Baumslag. , 2020, , 11-28.		2
4	Absolute profinite rigidity and hyperbolic geometry. Annals of Mathematics, 2020, 192, .	4.2	23
5	Algorithms determining finite simple images of finitely presented groups. Inventiones Mathematicae, 2019, 218, 623-648.	2.5	1
6	Kodaira fibrations, Kähler groups, and finiteness properties. Transactions of the American Mathematical Society, 2019, 372, 5869-5890.	0.9	3
7	Weak commutativity and finiteness properties of groups. Bulletin of the London Mathematical Society, 2019, 51, 168-180.	0.8	5
8	Volume gradients and homology in towers of residually-free groups. Mathematische Annalen, 2017, 367, 1007-1045.	1.4	6
9	The torsion-free rank of homology in towers of soluble pro-p groups. Israel Journal of Mathematics, 2017, 219, 817-834.	0.8	1
10	Profinite rigidity and surface bundles over the circle. Bulletin of the London Mathematical Society, 2017, 49, 831-841.	0.8	12
11	UNDECIDABILITY AND THE DEVELOPABILITY OF PERMUTOIDS AND RIGID PSEUDOGROUPS. Forum of Mathematics, Sigma, 2017, 5, .	0.7	0
12	The strong profinite genus of a finitely presented group can be infinite. Journal of the European Mathematical Society, 2016, 18, 1909-1918.	1.4	2
13	Inversion is Possible in Groups with no Periodic Automorphisms. Proceedings of the Edinburgh Mathematical Society, 2016, 59, 11-16.	0.3	1
14	Determining Fuchsian groups by their finite quotients. Israel Journal of Mathematics, 2016, 214, 1-41.	0.8	28
15	The triviality problem for profinite completions. Inventiones Mathematicae, 2015, 202, 839-874.	2.5	11
16	Nilpotent Completions of Groups, Grothendieck Pairs, and Four Problems of Baumslag. International Mathematics Research Notices, 2015, 2015, 2111-2140.	1.0	7
17	Dimension of elementary amenable groups. Journal Fur Die Reine Und Angewandte Mathematik, 2015, 2015, .	0.9	7
18	The virtual first Betti number of soluble groups. Pacific Journal of Mathematics, 2015, 274, 497-510.	0.5	4

#	ARTICLE	IF	CITATIONS
19	Geometric Topology. Oberwolfach Reports, 2015, 12, 187-233.	0.0	1
20	The isomorphism problem for profinite completions of finitely presented, residually finite groups. Groups, Geometry, and Dynamics, 2014, 8, 733-745.	0.5	3
21	Actions of arithmetic groups on homology spheres and acyclic homology manifolds. Mathematische Zeitschrift, 2014, 276, 387-395.	0.9	2
22	Constructing presentations of subgroups of right-angled Artin groups. Geometriae Dedicata, 2014, 169, 1-14.	0.3	3
23	On the finite presentation of subdirect products and the nature of residually free groups. American Journal of Mathematics, 2013, 135, 891-933.	1.1	40
24	On the subgroups of right-angled Artin groups and mapping class groups. Mathematical Research Letters, 2013, 20, 203-212.	0.5	13
25	On the dimension of CAT(0) spaces where mapping class groups act. Journal Fur Die Reine Und Angewandte Mathematik, 2012, 2012, .	0.9	6
26	ON GROUPS WHOSE GEODESIC GROWTH IS POLYNOMIAL. International Journal of Algebra and Computation, 2012, 22, 1250048.	0.5	7
27	Abelian covers of graphs and maps between outer automorphism groups of free groups. Mathematische Annalen, 2012, 353, 1069-1102.	1.4	8
28	The Dehn functions of $\text{Out}(F_n)$ and $\text{Aut}(F_n)$. Annales De L'Institut Fourier, 2012, 62, 1811-1817.	0.6	3
29	Actions of higher-rank lattices on free groups. Compositio Mathematica, 2011, 147, 1573-1580.	0.8	11
30	On the difficulty of presenting finitely presentable groups. Groups, Geometry, and Dynamics, 2011, 5, 301-325.	0.5	4
31	On the algorithmic construction of classifying spaces and the isomorphism problem for biautomatic groups. Science China Mathematics, 2011, 54, 1533-1545.	1.7	1
32	Decision problems and profinite completions of groups. Journal of Algebra, 2011, 326, 59-73.	0.7	8
33	The rhombic dodecahedron and semisimple actions of $\text{Aut}(F_n)$ on CAT(0) spaces. Fundamenta Mathematicae, 2011, 214, 13-25.	0.5	6
34	Cofinitely Hopfian groups, open mappings and knot complements. Groups, Geometry, and Dynamics, 2010, 4, 693-707.	0.5	7
35	The Schur multiplier, profinite completions and decidability. Bulletin of the London Mathematical Society, 2010, 42, 412-416.	0.8	2
36	The quadratic isoperimetric inequality for mapping tori of free group automorphisms. Memoirs of the American Mathematical Society, 2010, 203, 0-0.	0.9	12

#	ARTICLE	IF	CITATIONS
37	Actions of automorphism groups of free groups on homology spheres and acyclic manifolds. <i>Commentarii Mathematici Helvetici</i> , 2010, 86, 73-90.	0.7	13
38	Snowflake groups, Perron-Frobenius eigenvalues and isoperimetric spectra. <i>Geometry and Topology</i> , 2009, 13, 141-187.	1.3	20
39	Notes on Sela's work: Limit groups and Makanin-Razborov diagrams. , 2009, , 1-29.		15
40	Structure and finiteness properties of subdirect products of groups. <i>Proceedings of the London Mathematical Society</i> , 2009, 98, 631-651.	1.3	29
41	Direct factors of profinite completions and decidability. <i>Journal of Group Theory</i> , 2009, 12, .	0.2	2
42	Infinite groups with fixed point properties. <i>Geometry and Topology</i> , 2009, 13, 1229-1263.	1.3	14
43	The Chabauty space of closed subgroups of the three-dimensional Heisenberg group. <i>Pacific Journal of Mathematics</i> , 2009, 240, 1-48.	0.5	24
44	Subgroups of direct products of limit groups. <i>Annals of Mathematics</i> , 2009, 170, 1447-1467.	4.2	36
45	Extrinsic versus intrinsic diameter for Riemannian filling-discs and van Kampen diagrams. <i>Journal of Differential Geometry</i> , 2009, 82, .	1.1	3
46	Subgroup separability in residually free groups. <i>Mathematische Zeitschrift</i> , 2008, 260, 25-30.	0.9	9
47	A condition that prevents groups from acting nontrivially on trees. <i>Geometry & Topology Monographs</i> , 2008, , .	0.0	2
48	Limit groups, positive-genus towers and measure-equivalence. <i>Ergodic Theory and Dynamical Systems</i> , 2007, 27, 703.	0.6	6
49	Deficiency and abelianized deficiency of some virtually free groups. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2007, 143, 257-264.	0.4	18
50	Quasiregular self-mappings of manifolds and word hyperbolic groups. <i>Compositio Mathematica</i> , 2007, 143, 1613-1622.	0.8	12
51	Free and fragmenting filling length. <i>Journal of Algebra</i> , 2007, 307, 171-190.	0.7	2
52	Subgroups Of Direct Products Of Elementarily Free Groups. <i>Geometric and Functional Analysis</i> , 2007, 17, 385-403.	1.8	12
53	Subgroups of direct products of two limit groups. <i>Mathematical Research Letters</i> , 2007, 14, 547-558.	0.5	6
54	Normalisers in limit groups. <i>Mathematische Annalen</i> , 2006, 337, 385-394.	1.4	19

#	ARTICLE	IF	CITATIONS
55	CONJUGACY OF FINITE SUBSETS IN HYPERBOLIC GROUPS. International Journal of Algebra and Computation, 2005, 15, 725-756.	0.5	17
56	ON THE GROWTH OF GROUPS AND AUTOMORPHISMS. International Journal of Algebra and Computation, 2005, 15, 869-874.	0.5	4
57	A NOTE ON THE GRAMMAR OF COMBINGS. International Journal of Algebra and Computation, 2005, 15, 529-535.	0.5	4
58	Mapping class groups and outer automorphism groups of free groups are $\widehat{C\hat{a}}$ -simple. Journal of Functional Analysis, 2004, 212, 195-205.	1.4	20
59	Grothendieck's problems concerning profinite completions and representations of groups. Annals of Mathematics, 2004, 160, 359-373.	4.2	39
60	Combings of groups and the grammar of reparameterization. Commentarii Mathematici Helvetici, 2003, 78, 752-771.	0.7	10
61	The conjugacy and isomorphism problems for combable groups. Mathematische Annalen, 2003, 327, 305-314.	1.4	6
62	Finite presentation of fibre products of metabelian groups. Journal of Pure and Applied Algebra, 2003, 181, 15-22.	0.6	8
63	HOMOMORPHISMS FROM AUTOMORPHISM GROUPS OF FREE GROUPS. Bulletin of the London Mathematical Society, 2003, 35, 785-792.	0.8	18
64	Recognition of subgroups of direct products of hyperbolic groups. Proceedings of the American Mathematical Society, 2003, 132, 59-65.	0.8	9
65	POLYNOMIAL DEHN FUNCTIONS AND THE LENGTH OF ASYNCHRONOUSLY AUTOMATIC STRUCTURES. Proceedings of the London Mathematical Society, 2002, 85, 441-466.	1.3	13
66	Context-Free Languages of Sub-exponential Growth. Journal of Computer and System Sciences, 2002, 64, 308-310.	1.2	20
67	The Subgroups of Direct Products of Surface Groups. Geometriae Dedicata, 2002, 92, 95-103.	0.3	29
68	Malnormality is undecidable in hyperbolic groups. Israel Journal of Mathematics, 2001, 124, 313-316.	0.8	14
69	A remark about actions of lattices on free groups. Topology and Its Applications, 2001, 110, 21-24.	0.4	11
70	The symmetries of outer space. Duke Mathematical Journal, 2001, 106, .	1.5	18
71	Length Functions, Curvature and the Dimension of Discrete Groups. Mathematical Research Letters, 2001, 8, 557-567.	0.5	12
72	Automorphisms of Automorphism Groups of Free Groups. Journal of Algebra, 2000, 229, 785-792.	0.7	22

#	ARTICLE	IF	CITATIONS
73	There is only one gap in the isoperimetric spectrum. <i>Geometric and Functional Analysis</i> , 2000, 10, 1053-1070.	1.8	38
74	Finiteness properties for subgroups of $GL(n, \mathbb{Z})$. <i>Mathematische Annalen</i> , 2000, 317, 629-633.	1.4	13
75	Fibre products, non-positive curvature, and decision problems. <i>Commentarii Mathematici Helvetici</i> , 2000, 75, 457-477.	0.7	31
76	Fractional isoperimetric inequalities and subgroup distortion. <i>Journal of the American Mathematical Society</i> , 1999, 12, 1103-1118.	3.9	18
77	ASYMPTOTIC CONES AND POLYNOMIAL ISOPERIMETRIC INEQUALITIES. <i>Topology</i> , 1999, 38, 543-554.	0.3	18
78	Doubles, Finiteness Properties of Groups, and Quadratic Isoperimetric Inequalities. <i>Journal of Algebra</i> , 1999, 214, 652-667.	0.7	13
79	On the semisimplicity of polyhedral isometries. <i>Proceedings of the American Mathematical Society</i> , 1999, 127, 2143-2146.	0.8	40
80	\mathbb{R} -trees, complexes, towers and subgroups of F_n . <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1999, 126, 481-497.	0.4	16
81	Metric Spaces of Non-Positive Curvature, <i>Grundlehren Der Mathematischen Wissenschaften in Einzeldarstellungen Mit Besonderer Berücksichtigung Der Anwendungsgebiete</i> , 1999, , .	0.9	2,351
82	On the absence of cohomological finiteness in wreath products. <i>Journal of the Australian Mathematical Society Series A Pure Mathematics and Statistics</i> , 1998, 64, 222-230.	0.3	2
83	Controlled embeddings into groups that have no non-trivial finite quotients. , 1998, , .		9
84	Finitely Presented Subgroups of Automatic Groups and their Isoperimetric Functions. <i>Journal of the London Mathematical Society</i> , 1997, 56, 292-304.	1.0	16
85	Formal language theory and the geometry of 3-manifolds. <i>Commentarii Mathematici Helvetici</i> , 1996, 71, 525-555.	0.7	30
86	The optimal isoperimetric inequality for torus bundles over the circle. <i>Quarterly Journal of Mathematics</i> , 1996, 47, 1-23.	0.8	23
87	Optimal isoperimetric inequalities for abelian-by-free groups. <i>Topology</i> , 1995, 34, 547-564.	0.3	9
88	On the existence of flat planes in spaces of nonpositive curvature. <i>Proceedings of the American Mathematical Society</i> , 1995, 123, 223-235.	0.8	21
89	Semihyperbolic Groups. <i>Proceedings of the London Mathematical Society</i> , 1995, s3-70, 56-114.	1.3	42
90	On the Existence of Flat Planes in Spaces of Non-Positive Curvature. <i>Proceedings of the American Mathematical Society</i> , 1995, 123, 223.	0.8	10

#	ARTICLE	IF	CITATIONS
91	On the Geometry of the Automorphism Group of a Free Group. Bulletin of the London Mathematical Society, 1995, 27, 544-552.	0.8	14
92	Regular combings, nonpositive curvature and the quasiconvexity of abelian subgroups. Journal of Pure and Applied Algebra, 1993, 88, 23-35.	0.6	7
93	On the Geometry of Normal Forms in Discrete Groups. Proceedings of the London Mathematical Society, 1993, s3-67, 596-616.	1.3	22
94	A REMARK ABOUT COMBININGS OF GROUPS. International Journal of Algebra and Computation, 1993, 03, 575-581.	0.5	9
95	Constructing non-positively curved spaces and groups. , 0, , 162-224.		3
96	Semisimple actions of mapping class groups on CAT(0) spaces. , 0, , 1-14.		18
97	On the recognition problem for virtually special cube complexes. , 0, , .		1