

# Marc Lackenby

## List of Publications by Year in descending order

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papers

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citations

687363

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Links with splitting number one. <i>Geometriae Dedicata</i> , 2021, 214, 319-351.	0.3	0
2	The efficient certification of knottedness and Thurston norm. <i>Advances in Mathematics</i> , 2021, 387, 107796.	1.1	9
3	Every knot has characterising slopes. <i>Mathematische Annalen</i> , 2019, 374, 429-446.	1.4	6
4	Some Conditionally Hard Problems on Links and 3-Manifolds. <i>Discrete and Computational Geometry</i> , 2017, 58, 580-595.	0.6	8
5	Elementary Knot Theory. , 2017, , .		4
6	Geodesics and Compression Bodies. <i>Experimental Mathematics</i> , 2014, 23, 218-240.	0.7	2
7	Finding disjoint surfaces in 3-manifolds. <i>Geometriae Dedicata</i> , 2014, 170, 385-401.	0.3	2
8	The crossing number of satellite knots. <i>Algebraic and Geometric Topology</i> , 2014, 14, 2379-2409.	0.4	3
9	The maximal number of exceptional Dehn surgeries. <i>Inventiones Mathematicae</i> , 2013, 191, 341-382.	2.5	30
10	The length of unknotting tunnels. <i>Algebraic and Geometric Topology</i> , 2010, 10, 637-661.	0.4	6
11	Surface subgroups of Kleinian groups with torsion. <i>Inventiones Mathematicae</i> , 2010, 179, 175-190.	2.5	8
12	Spectral geometry, link complements and surgery diagrams. <i>Geometriae Dedicata</i> , 2010, 147, 191-206.	0.3	5
13	Detecting large groups. <i>Journal of Algebra</i> , 2010, 324, 2636-2657.	0.7	21
14	The crossing number of composite knots. <i>Journal of Topology</i> , 2009, 2, 747-768.	0.5	17
15	New lower bounds on subgroup growth and homology growth. <i>Proceedings of the London Mathematical Society</i> , 2009, 98, 271-297.	1.3	14
16	Large groups, property (i <sub>1</sub> ) and the homology growth of subgroups. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2009, 146, 625.	0.4	24
17	Covering Spaces of Arithmetic 3-Orbifolds. <i>International Mathematics Research Notices</i> , 2008, 2008, .	1.0	11
18	LERF and the Lubotzky-Sarnak Conjecture. <i>Geometry and Topology</i> , 2008, 12, 2047-2056.	1.3	6

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19	Covering spaces of 3-orbifolds. <i>Duke Mathematical Journal</i> , 2007, 136, .	1.5	15
20	Heegaard splittings, the virtually Haken conjecture and Property (Ī,,). <i>Inventiones Mathematicae</i> , 2006, 164, 317-359.	2.5	49
21	A characterisation of large finitely presented groups. <i>Journal of Algebra</i> , 2005, 287, 458-473.	0.7	15
22	Expanders, rank and graphs of groups. <i>Israel Journal of Mathematics</i> , 2005, 146, 357-370.	0.8	45
23	The volume of hyperbolic alternating link complements. <i>Proceedings of the London Mathematical Society</i> , 2004, 88, 204-224.	1.3	93
24	Exceptional surgery curves in triangulated 3-manifolds. <i>Pacific Journal of Mathematics</i> , 2003, 210, 101-163.	0.5	7
25	Word hyperbolic Dehn surgery. <i>Inventiones Mathematicae</i> , 2000, 140, 243-282.	2.5	117
26	Dehn surgery and negatively curved 3-manifolds. <i>Journal of Differential Geometry</i> , 1998, 50, 591.	1.1	9
27	Surfaces, surgery and unknotting operations. <i>Mathematische Annalen</i> , 1997, 308, 615-632.	1.4	14
28	Dehn surgery on knots in 3-manifolds. <i>Journal of the American Mathematical Society</i> , 1997, 10, 835-864.	3.9	17
29	Fox's congruence classes and the quantum-SU(2) invariants of links in 3-manifolds. <i>Commentarii Mathematici Helvetici</i> , 1996, 71, 664-677.	0.7	10