

# Jonathan A Hillman

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

293  
citations

1040056

9  
h-index

1058476

14  
g-index

57  
all docs

57  
docs citations

57  
times ranked

46  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seifert fibre spaces and Poincaré duality groups. <i>Mathematische Zeitschrift</i> , 1985, 190, 365-369.	0.9	25
2	Three-dimensional Poincaré duality groups which are extensions. <i>Mathematische Zeitschrift</i> , 1987, 195, 89-92.	0.9	19
3	On 2-homology and asphericity. <i>Israel Journal of Mathematics</i> , 1997, 99, 271-283.	0.8	18
4	High dimensional knot groups which are not two-knot groups. <i>Bulletin of the Australian Mathematical Society</i> , 1977, 16, 449-462.	0.5	15
5	On 4-manifolds homotopy equivalent to surface bundles over surfaces. <i>Topology and Its Applications</i> , 1991, 40, 275-286.	0.4	15
6	Alexander Ideals and Chen Groups. <i>Bulletin of the London Mathematical Society</i> , 1978, 10, 105-110.	0.8	9
7	Polynomials determining Dedekind domains. <i>Bulletin of the Australian Mathematical Society</i> , 1984, 29, 167-175.	0.5	9
8	The kernel of the cup product. <i>Bulletin of the Australian Mathematical Society</i> , 1985, 32, 261-274.	0.5	9
9	Abelian normal subgroups of two-knot groups. <i>Commentarii Mathematici Helvetici</i> , 1986, 61, 122-148.	0.7	9
10	UNKNOTTING ORIENTABLE SURFACES IN THE 4-SPHERE. <i>Journal of Knot Theory and Its Ramifications</i> , 1995, 04, 213-224.	0.3	9
11	On 3-dimensional Poincaré duality complexes and 2-knot groups. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1993, 114, 215-218.	0.4	8
12	A non-homology boundary link with zero Alexander polynomial. <i>Bulletin of the Australian Mathematical Society</i> , 1977, 16, 229-236.	0.5	7
13	Embedding homology equivalent 3-manifolds in 4-space. <i>Mathematische Zeitschrift</i> , 1996, 223, 473-481.	0.9	7
14	Aspherical four-manifolds and the centres of two-knot groups. <i>Commentarii Mathematici Helvetici</i> , 1981, 56, 465-473.	0.7	6
15	Pro-p groups of positive deficiency. <i>Bulletin of the London Mathematical Society</i> , 2008, 40, 1065-1069.	0.8	6
16	An indecomposable complex : II. <i>Algebraic and Geometric Topology</i> , 2004, 4, 1103-1109.	0.4	6
17	Blanchfield pairings with squarefree Alexander polynomial. <i>Mathematische Zeitschrift</i> , 1981, 176, 551-563.	0.9	5
18	The kernel of integral cup product. <i>Journal of the Australian Mathematical Society Series A Pure Mathematics and Statistics</i> , 1987, 43, 10-15.	0.3	5

#	ARTICLE	IF	CITATIONS
19	A homotopy fibration theorem in dimension four. <i>Topology and Its Applications</i> , 1989, 33, 151-161.	0.4	5
20	On 4-Dimensional Mapping Tori and Product Geometries. <i>Journal of the London Mathematical Society</i> , 1998, 58, 229-238.	1.0	5
21	An indecomposable $\mathbb{P}^3$ -complex whose fundamental group has infinitely many ends. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2005, 138, 55-57.	0.4	5
22	Embedding homology equivalent 3-manifolds in 4-space. <i>Mathematische Zeitschrift</i> , 1996, 223, 473-481.	0.9	4
23	Centralizers and normalizers of subgroups of $\langle \text{sl}_1 \text{.gif} \rangle$ overflow="scroll" <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www..</small> <i>Journal of</i>	0.6	4
24	Geometries and infrasolvmanifolds in dimension 4. <i>Geometriae Dedicata</i> , 2007, 129, 57-72.	0.3	4
25	Trivializing ribbon links by Kirby moves. <i>Bulletin of the Australian Mathematical Society</i> , 1980, 21, 21-28.	0.5	3
26	Simple Locally Flat 3-Knots. <i>Bulletin of the London Mathematical Society</i> , 1984, 16, 599-602.	0.8	3
27	Deficiencies of lattices in connected Lie groups. <i>Bulletin of the Australian Mathematical Society</i> , 2002, 65, 393-397.	0.5	3
28	2-KNOTS WITH SOLVABLE GROUPS. <i>Journal of Knot Theory and Its Ramifications</i> , 2011, 20, 977-994.	0.3	3
29	Pro-p completions of Poincaré duality groups. <i>Israel Journal of Mathematics</i> , 2014, 200, 1-17.	0.8	3
30	Triangulating a Cappell-Shaneson knot complement. <i>Mathematical Research Letters</i> , 2012, 19, 1117-1126.	0.5	3
31	On 4-manifolds homotopy equivalent to circle bundles over 3-manifolds. <i>Israel Journal of Mathematics</i> , 1991, 75, 277-287.	0.8	2
32	Homomorphisms of nonzero degree between $\mathbb{P}^n$ -groups. <i>Journal of the Australian Mathematical Society</i> , 2004, 77, 335-348.	0.4	2
33	Width of codimension two knots. <i>Journal of Knot Theory and Its Ramifications</i> , 2020, 29, 1950094.	0.3	2
34	Corrigendum to: "Aspherical four-manifolds and the centres of two-knot groups". <i>Commentarii Mathematici Helvetici</i> , 1983, 58, 166-166.	0.7	1
35	Topological concordance and F-isotopy. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1985, 98, 107.	0.4	1
36	Finite Simple Even-Dimensional Knots. <i>Journal of the London Mathematical Society</i> , 1986, s2-34, 369-374.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Knot modules and the elementary divisor theorem. Journal of Pure and Applied Algebra, 1986, 40, 115-124.	0.6	1
38	Two-knot groups with torsion free abelian normal subgroups of rank two. Commentarii Mathematici Helvetici, 1988, 63, 664-671.	0.7	1
39	The algebraic characterization of the exteriors of certain 2-knots. Inventiones Mathematicae, 1989, 97, 195-207.	2.5	1
40	On 4-manifolds with universal covering space a compact geometric manifold. Journal of the Australian Mathematical Society Series A Pure Mathematics and Statistics, 1993, 55, 137-148.	0.3	1
41	Minimal 4-manifolds for groups of cohomological dimension 2. Proceedings of the Edinburgh Mathematical Society, 1994, 37, 455-461.	0.3	1
42	On the splitting field of the Alexander polynomial of a periodic knot. Bulletin of the Australian Mathematical Society, 1995, 52, 313-315.	0.5	1
43	FINITELY DOMINATED COVERING SPACES OF 3- AND 4-MANIFOLDS. Journal of the Australian Mathematical Society, 2008, 84, 99-108.	0.4	1
44	Complements of connected hypersurfaces in $S^4$ . Journal of Knot Theory and Its Ramifications, 2017, 26, 1740014.	0.3	1
45	3-Manifolds with nilpotent embeddings in $S^4$ . Journal of Knot Theory and Its Ramifications, 2020, 29, 2050094.	0.3	1
46	Poincaré Duality in Dimension 3. The Open Book Series, 2020, 3, 1-160.	0.1	1
47	DOUBLY NULL CONCORDANT KNOTS HAVE HYPERBOLIC STABLE ISOMETRY STRUCTURES. Journal of Knot Theory and Its Ramifications, 1993, 02, 125-140.	0.3	0
48	Singularities of plane algebraic curves. , 2005, 23, 233-254.		0
49	ALEXANDER POLYNOMIALS OF RIBBON LINKS. Journal of Knot Theory and Its Ramifications, 2011, 20, 327-331.	0.3	0
50	$S^2$ -bundles over 2-orbifolds. Journal of the London Mathematical Society, 2013, 87, 69-86.	1.0	0
51	Solvable normal subgroups of 2-knot groups. Journal of Knot Theory and Its Ramifications, 2017, 26, 1750066.	0.3	0
52	Deficiency and commensurators. Journal of Group Theory, 2018, 21, 511-530.	0.2	0
53	Hermitian pairings and isolated singularities. , 2007, , .		0
54	3-Manifolds with abelian embeddings in $S^4$ . Journal of Knot Theory and Its Ramifications, 2020, 29, 2050001.	0.3	0

#	ARTICLE	IF	CITATIONS
55	Nilpotent groups with balanced presentations. Journal of Group Theory, 2022, .	0.2	0