

# Peter Feller

## List of Publications by Year in descending order

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17  
papers

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citations

1307594

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h-index

1372567

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g-index

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docs citations

17  
times ranked

23  
citing authors

#	ARTICLE	IF	CITATIONS
1	On cobordisms between knots, braid index, and the Upsilon-invariant. <i>Mathematische Annalen</i> , 2017, 369, 301-329.	1.4	20
2	Optimal cobordisms between torus knots. <i>Communications in Analysis and Geometry</i> , 2016, 24, 993-1025.	0.4	15
3	Gordian adjacency for torus knots. <i>Algebraic and Geometric Topology</i> , 2014, 14, 769-793.	0.4	13
4	The degree of the Alexander polynomial is an upper bound for the topological slice genus. <i>Geometry and Topology</i> , 2016, 20, 1763-1771.	1.3	12
5	Calculating the homology and intersection form of a 4-manifold from a trisection diagram. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10869-10874.	7.1	11
6	On 2-bridge knots with differing smooth and topological slice genera. <i>Proceedings of the American Mathematical Society</i> , 2016, 144, 5435-5442.	0.8	10
7	On classical upper bounds for slice genera. <i>Selecta Mathematica, New Series</i> , 2018, 24, 4885-4916.	1.0	9
8	Alternation numbers of torus knots with small braid index. <i>Indiana University Mathematics Journal</i> , 2018, 67, 645-655.	0.9	4
9	Braids with as many full twists as strands realize the braid index. <i>Journal of Topology</i> , 2019, 12, 1069-1092.	0.5	4
10	Up to topological concordance, links are strongly quasipositive. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2019, 132, 273-279.	1.6	4
11	The signature of positive braids is linearly bounded by their first Betti number. <i>International Journal of Mathematics</i> , 2015, 26, 1550081.	0.5	3
12	On the Upsilon invariant and satellite knots. <i>Mathematische Zeitschrift</i> , 2019, 292, 1431-1452.	0.9	3
13	Genus One Cobordisms Between Torus Knots. <i>International Mathematics Research Notices</i> , 2020, 2021, 521-548.	1.0	3
14	Embedding spheres in knot traces. <i>Compositio Mathematica</i> , 2021, 157, 2242-2279.	0.8	3
15	A sharp signature bound for positive four-braids. <i>Quarterly Journal of Mathematics</i> , 2018, 69, 271-283.	0.8	1
16	A note on the four-dimensional clasp number of knots. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 0, , 1-14.	0.4	1
17	The $\mathbb{Z}$ -genus of boundary links. <i>Revista Matematica Complutense</i> , 0, , .	1.2	0