Ulrike Tillmann

List of Publications by Year in Descending Order

20 papers	**329** citations	**7** h-index	**18** g-index
22 ext. papers	**441** ext. citations	**1.3** avg, IF	**3.51** L-index

#	Paper	IF	Citations
20	The fiber of persistent homology for simplicial complexes. *Journal of Pure and Applied Algebra*, **2022**, 107099	0.6	0
19	Configuration-mapping spaces and homology stability. *Research in Mathematical Sciences*, **2021**, 8, 1	1.5	
18	Inverting operations in operads. *Topology and Its Applications*, **2018**, 235, 130-145	0.4	0
17	Infinite loop spaces from operads with homological stability. *Advances in Mathematics*, **2017**, 321, 391-430	1.3	3
16	A roadmap for the computation of persistent homology. *EPJ Data Science*, **2017**, 6, 17	3.4	188
15	Homology stability for symmetric diffeomorphism and mapping class groups. *Mathematical Proceedings of the Cambridge Philosophical Society*, **2016**, 160, 121-139	0.7	3
14	Tubular configurations: equivariant scanning and splitting. *Journal of the London Mathematical Society*, **2014**, 90, 940-962	0.7	2
13	Spaces of graphs and surfaces: on the work of Søren Galatius. *Bulletin of the American Mathematical Society*, **2012**, 49, 73-90	1.3	1
12	Embeddings of braid groups into mapping class groups and their homology **2012**, 173-191		4
11	Braids, mapping class groups, and categorical delooping. *Mathematische Annalen*, **2007**, 339, 377-393	1	8
10	Artin's map in stable homology. *Bulletin of the London Mathematical Society*, **2007**, 39, 989-992	0.9	2
9	The stable mapping class group and Q(CP∞). *Inventiones Mathematicae*, **2001**, 145, 509-544	2.2	37
8	Stripping and splitting decorated mapping class groups **2001**, 47-57		12
7	Higher genus surface operad detects infinite loop spaces. *Mathematische Annalen*, **2000**, 317, 613-628	1	9
6	Vanishing of the Batalin–Vilkovisky Algebra Structure for TCFTs. *Communications in Mathematical Physics*, **1999**, 205, 283-286	2	3
5	A splitting for the stable mapping class group. *Mathematical Proceedings of the Cambridge Philosophical Society*, **1999**, 127, 55-65	0.7	8
4	Toward homology operations for mapping class groups. *Contemporary Mathematics*, **1998**, 35-46	1.6	3

3   On the homotopy of the stable mapping class group. *Inventiones Mathematicae*, **1997**, 130, 257-275   2.2   43

2   Random Čech complexes on manifolds with boundary. *Random Structures and Algorithms*,   0.8   1

1   A Framework for Differential Calculus on Persistence Barcodes. *Foundations of Computational Mathematics*,1   2.7   1