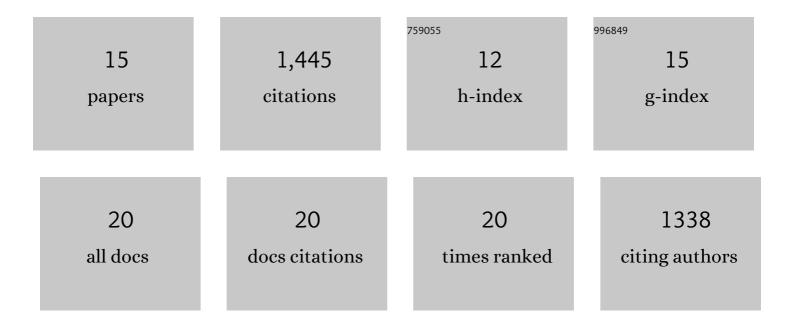
Frank Bürmann

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6906620/publications.pdf

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#	Article	IF	CITATIONS
1	Closing the cohesin ring: Structure and function of its Smc3-kleisin interface. Science, 2014, 346, 963-967.	6.0	255
2	The actin homologue MreB organizes the bacterial cell membrane. Nature Communications, 2014, 5, 3442.	5.8	223
3	Structure of Full-Length SMC and Rearrangements Required for Chromosome Organization. Molecular Cell, 2017, 67, 334-347.e5.	4.5	151
4	SMC condensin entraps chromosomal DNA by an ATP hydrolysis dependent loading mechanism in Bacillus subtilis. ELife, 2015, 4, .	2.8	130
5	Molecular Basis for SMC Rod Formation and Its Dissolution upon DNA Binding. Molecular Cell, 2015, 57, 290-303.	4.5	126
6	A folded conformation of MukBEF and cohesin. Nature Structural and Molecular Biology, 2019, 26, 227-236.	3.6	121
7	An asymmetric SMC–kleisin bridge in prokaryotic condensin. Nature Structural and Molecular Biology, 2013, 20, 371-379.	3.6	119
8	Control of Smc Coiled Coil Architecture by the ATPase Heads Facilitates Targeting to Chromosomal ParB/parS and Release onto Flanking DNA. Cell Reports, 2016, 14, 2003-2016.	2.9	80
9	A bacterial dynaminâ€like protein mediating nucleotideâ€independent membrane fusion. Molecular Microbiology, 2011, 79, 1294-1304.	1.2	68
10	Tuned SMC Arms Drive Chromosomal Loading of Prokaryotic Condensin. Molecular Cell, 2017, 65, 861-872.e9.	4.5	55
11	Cryo-EM structure of MukBEF reveals DNA loop entrapment at chromosomal unloading sites. Molecular Cell, 2021, 81, 4891-4906.e8.	4.5	49
12	SMC condensin: promoting cohesion of replicon arms. Nature Structural and Molecular Biology, 2015, 22, 653-655.	3.6	23
13	Identification of interaction partners of the dynamin-like protein DynA fromBacillus subtilis. Communicative and Integrative Biology, 2012, 5, 362-369.	0.6	9
14	Phospho-regulation of the Shugoshin - Condensin interaction at the centromere in budding yeast. PLoS Genetics, 2020, 16, e1008569.	1.5	9
15	High-Throughput Allelic Replacement Screening in Bacillus subtilis. Methods in Molecular Biology, 2019, 2004, 49-61.	0.4	7