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List of Publications by Year
in descending order

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10 papers	6,904 citations	1170033 9 h-index	1427216 11 g-index
12 all docs	12 docs citations	12 times ranked	13873 citing authors

#	Article	IF	Citations
1	Canu: scalable and accurate long-read assembly via adaptive k-mer weighting and repeat separation. Genome Research, 2017, 27, 722-736.	2.4	5,620
2	Assembling large genomes with single-molecule sequencing and locality-sensitive hashing. Nature Biotechnology, 2015, 33, 623-630.	9.4	877
3	Information content of long-range NMR data for the characterization of conformational heterogeneity. Journal of Biomolecular NMR, 2015, 62, 353-371.	1.6	19
4	HierarchicalO(N) computation of small-angle scattering profiles and their associated derivatives. Journal of Applied Crystallography, 2014, 47, 755-761.	1.9	5
5	Deriving quantitative dynamics information for proteins and RNAs using ROTDIF with a graphical user interface. Journal of Biomolecular NMR, 2013, 57, 333-352.	1.6	41
6	Recovering a Representative Conformational Ensemble from Underdetermined Macromolecular Structural Data. Journal of the American Chemical Society, 2013, 135, 16595-16609.	6.6	106
7	A hierarchical algorithm for fast debye summation with applications to small angle scattering. Journal of Computational Chemistry, 2012, 33, 1981-1996.	1.5	21
8	Fast approximations of the rotational diffusion tensor and their application to structural assembly of molecular complexes. Proteins: Structure, Function and Bioinformatics, 2011, 79, 2268-2281.	1.5	5
9	Structural Assembly of Molecular Complexes Based on Residual Dipolar Couplings. Journal of the American Chemical Society, 2010, 132, 8961-8972.	6.6	22
10	Improvement and analysis of computational methods for prediction of residual dipolar couplings. Journal of Magnetic Resonance, 2009, 201, 25-33.	1.2	38