

Konstantin Berlin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11335329/publications.pdf>

Version: 2024-02-01

10
papers

6,904
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

12666
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Canu: scalable and accurate long-read assembly via adaptive <i>k</i> -mer weighting and repeat separation. <i>Genome Research</i> , 2017, 27, 722-736. | 5.5 | 5,620 |
| 2 | Assembling large genomes with single-molecule sequencing and locality-sensitive hashing. <i>Nature Biotechnology</i> , 2015, 33, 623-630. | 17.5 | 877 |
| 3 | Recovering a Representative Conformational Ensemble from Underdetermined Macromolecular Structural Data. <i>Journal of the American Chemical Society</i> , 2013, 135, 16595-16609. | 13.7 | 106 |
| 4 | Deriving quantitative dynamics information for proteins and RNAs using ROTDIF with a graphical user interface. <i>Journal of Biomolecular NMR</i> , 2013, 57, 333-352. | 2.8 | 41 |
| 5 | Improvement and analysis of computational methods for prediction of residual dipolar couplings. <i>Journal of Magnetic Resonance</i> , 2009, 201, 25-33. | 2.1 | 38 |
| 6 | Structural Assembly of Molecular Complexes Based on Residual Dipolar Couplings. <i>Journal of the American Chemical Society</i> , 2010, 132, 8961-8972. | 13.7 | 22 |
| 7 | A hierarchical algorithm for fast debye summation with applications to small angle scattering. <i>Journal of Computational Chemistry</i> , 2012, 33, 1981-1996. | 3.3 | 21 |
| 8 | Information content of long-range NMR data for the characterization of conformational heterogeneity. <i>Journal of Biomolecular NMR</i> , 2015, 62, 353-371. | 2.8 | 19 |
| 9 | Fast approximations of the rotational diffusion tensor and their application to structural assembly of molecular complexes. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 2268-2281. | 2.6 | 5 |
| 10 | Hierarchical $O(N)$ computation of small-angle scattering profiles and their associated derivatives. <i>Journal of Applied Crystallography</i> , 2014, 47, 755-761. | 4.5 | 5 |