List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10964796/publications.pdf

Version: 2024-02-01

35 papers	36,812 citations	218381 26 h-index	360668 35 g-index
37 all docs	37 docs citations	37 times ranked	40067 citing authors

#	Article	IF	Citations
1	The Protein Data Bank. Nucleic Acids Research, 2000, 28, 235-242.	6.5	31,087
2	RCSB Protein Data Bank: biological macromolecular structures enabling research and education in fundamental biology, biomedicine, biotechnology and energy. Nucleic Acids Research, 2019, 47, D464-D474.	6.5	918
3	Protein Data Bank: the single global archive for 3D macromolecular structure data. Nucleic Acids Research, 2019, 47, D520-D528.	6.5	671
4	The Protein Data Bank and the challenge of structural genomics. Nature Structural Biology, 2000, 7, 957-959.	9.7	511
5	The RCSB PDB information portal for structural genomics. Nucleic Acids Research, 2006, 34, D302-D305.	6.5	334
6	The Protein Data Bank and structural genomics. Nucleic Acids Research, 2003, 31, 489-491.	6.5	331
7	The RCSB Protein Data Bank: a redesigned query system and relational database based on the mmCIF schema. Nucleic Acids Research, 2004, 33, D233-D237.	6.5	303
8	The Protein Data Bank: unifying the archive. Nucleic Acids Research, 2002, 30, 245-248.	6.5	261
9	Tools for the automatic identification and classification of RNA base pairs. Nucleic Acids Research, 2003, 31, 3450-3460.	6.5	240
10	RCSB Protein Data Bank: Sustaining a living digital data resource that enables breakthroughs in scientific research and biomedical education. Protein Science, 2018, 27, 316-330.	3.1	219
11	RNA backbone: Consensus all-angle conformers and modular string nomenclature (an RNA Ontology) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	216
12	2017 publication guidelines for structural modelling of small-angle scattering data from biomolecules in solution: an update. Acta Crystallographica Section D: Structural Biology, 2017, 73, 710-728.	1.1	205
13	The Nucleic Acid Database: new features and capabilities. Nucleic Acids Research, 2014, 42, D114-D122.	6.5	194
14	Geometric Parameters in Nucleic Acids:Â Nitrogenous Bases. Journal of the American Chemical Society, 1996, 118, 509-518.	6.6	191
15	PDBML: the representation of archival macromolecular structure data in XML. Bioinformatics, 2005, 21, 988-992.	1.8	154
16	Remediation of the protein data bank archive. Nucleic Acids Research, 2007, 36, D426-D433.	6.5	136
17	The distribution and query systems of the RCSB Protein Data Bank. Nucleic Acids Research, 2004, 32, 223D-225.	6.5	108
18	RNAML: A standard syntax for exchanging RNA information. Rna, 2002, 8, 707-717.	1.6	91

#	Article	IF	Citations
19	Report of the wwPDB Small-Angle Scattering Task Force: Data Requirements for Biomolecular Modeling and the PDB. Structure, 2013, 21, 875-881.	1.6	77
20	The Nucleic Acid Database. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 889-898.	2.5	57
21	Announcing mandatory submission of PDBx/mmCIF format files for crystallographic depositions to the Protein Data Bank (PDB). Acta Crystallographica Section D: Structural Biology, 2019, 75, 451-454.	1.1	46
22	Validation of Protein Structures for Protein Data Bank. Methods in Enzymology, 2003, 374, 370-385.	0.4	43
23	A framework for scientific data modeling and automated software development. Bioinformatics, 2005, 21, 1678-1684.	1.8	42
24	NMR Exchange Format: a unified and open standard for representation of NMR restraint data. Nature Structural and Molecular Biology, 2015, 22, 433-434.	3.6	40
25	Improving the representation of peptideâ€like inhibitor and antibiotic molecules in the Protein Data Bank. Biopolymers, 2014, 101, 659-668.	1.2	31
26	The Protein Data Bank. , 2003, , 389-405.		29
27	Crystallography and Databases. Data Science Journal, 2017, 16, .	0.6	28
28	Design of a data model for developing laboratory information management and analysis systems for protein production. Proteins: Structure, Function and Bioinformatics, 2004, 58, 278-284.	1.5	27
29	Archiving and disseminating integrative structure models. Journal of Biomolecular NMR, 2019, 73, 385-398.	1.6	20
30	Extension of the sasCIF format and its applications for data processing and deposition. Journal of Applied Crystallography, 2016, 49, 302-310.	1.9	18
31	Realism about PDB. Nature Biotechnology, 2007, 25, 845-846.	9.4	17
32	RCSB Protein Data Bank 1D tools and services. Bioinformatics, 2021, 36, 5526-5527.	1.8	15
33	Chemical annotation of small and peptide-like molecules at the Protein Data Bank. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat079.	1.4	14
34	The Nucleic Acid Database: A Resource for Nucleic Acid Science. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 1095-1104.	2.5	13
35	The evolution of the RCSB Protein Data Bank website. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2011, 1, 782-789.	6.2	7