

# Zukang Feng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3251883/publications.pdf>

Version: 2024-02-01

22  
papers

36,583  
citations

361045

20  
h-index

610482

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

39733  
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>RCSB</scp> Protein Data Bank: Celebrating 50 years of the <scp>PDB</scp> with new tools for understanding and visualizing biological macromolecules in <scp>3D</scp>. Protein Science, 2022, 31, 187-208.	3.1	84
2	Simplified quality assessment for small-molecule ligands in the Protein Data Bank. Structure, 2022, 30, 252-262.e4.	1.6	12
3	PDBx/mmCIF Ecosystem: Foundational Semantic Tools for Structural Biology. Journal of Molecular Biology, 2022, 434, 167599.	2.0	39
4	Enhanced validation of small-molecule ligands and carbohydrates in the Protein Data Bank. Structure, 2021, 29, 393-400.e1.	1.6	28
5	Modernized uniform representation of carbohydrate molecules in the Protein Data Bank. Glycobiology, 2021, 31, 1204-1218.	1.3	17
6	RCSB Protein Data Bank: powerful new tools for exploring 3D structures of biological macromolecules for basic and applied research and education in fundamental biology, biomedicine, biotechnology, bioengineering and energy sciences. Nucleic Acids Research, 2021, 49, D437-D451.	6.5	918
7	Impact of the Protein Data Bank Across Scientific Disciplines. Data Science Journal, 2020, 19, 25.	0.6	17
8	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
9	Protein Data Bank: the single global archive for 3D macromolecular structure data. Nucleic Acids Research, 2019, 47, D520-D528.	6.5	671
10	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
11	Worldwide Protein Data Bank biocuration supporting open access to high-quality 3D structural biology data. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	45
12	OUP accepted manuscript. Nucleic Acids Research, 2017, 45, D271-D281.	6.5	619
13	OneDep: Unified wwPDB System for Deposition, Biocuration, and Validation of Macromolecular Structures in the PDB Archive. Structure, 2017, 25, 536-545.	1.6	130
14	Validation of Structures in the Protein Data Bank. Structure, 2017, 25, 1916-1927.	1.6	210
15	The chemical component dictionary: complete descriptions of constituent molecules in experimentally determined 3D macromolecules in the Protein Data Bank. Bioinformatics, 2015, 31, 1274-1278.	1.8	110
16	The Nucleic Acid Database. Methods of Biochemical Analysis, 2005, , 199-216.	0.2	4
17	Ligand Depot: a data warehouse for ligands bound to macromolecules. Bioinformatics, 2004, 20, 2153-2155.	1.8	189
18	The distribution and query systems of the RCSB Protein Data Bank. Nucleic Acids Research, 2004, 32, 223D-225.	6.5	108

#	ARTICLE	IF	CITATIONS
19	Automated and accurate deposition of structures solved by X-ray diffraction to the Protein Data Bank. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 1833-1839.	2.5	236
20	The Protein Data Bank and structural genomics. <i>Nucleic Acids Research</i> , 2003, 31, 489-491.	6.5	331
21	The Protein Data Bank: unifying the archive. <i>Nucleic Acids Research</i> , 2002, 30, 245-248.	6.5	261
22	The Protein Data Bank. <i>Nucleic Acids Research</i> , 2000, 28, 235-242.	6.5	31,087