

# 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

361296  
20  
h-index

610775  
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. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 1833-1839. | 2.5 | 236       |
| 20 | The Protein Data Bank and structural genomics. Nucleic Acids Research, 2003, 31, 489-491.  | 6.5 | 331       |
| 21 | The Protein Data Bank: unifying the archive. Nucleic Acids Research, 2002, 30, 245-248.  | 6.5 | 261       |
| 22 | The Protein Data Bank. Nucleic Acids Research, 2000, 28, 235-242.  | 6.5 | 31,087    |