

# Jasmine Y Young

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

6,814  
citations

257450

24  
h-index

361022

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

9602  
citing authors

#	ARTICLE	IF	CITATIONS
1	RCSB Protein Data Bank: biological macromolecular structures enabling research and education in fundamental biology, biomedicine, biotechnology and energy. <i>Nucleic Acids Research</i> , 2019, 47, D464-D474.	14.5	918
2	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. <i>Nucleic Acids Research</i> , 2021, 49, D437-D451.	14.5	918
3	Protein Data Bank: the single global archive for 3D macromolecular structure data. <i>Nucleic Acids Research</i> , 2019, 47, D520-D528.	14.5	671
4	OUP accepted manuscript. <i>Nucleic Acids Research</i> , 2017, 45, D271-D281.	14.5	619
5	The RCSB Protein Data Bank: redesigned web site and web services. <i>Nucleic Acids Research</i> , 2011, 39, D392-D401.	14.5	549
6	The RCSB Protein Data Bank: views of structural biology for basic and applied research and education. <i>Nucleic Acids Research</i> , 2015, 43, D345-D356.	14.5	461
7	The RCSB Protein Data Bank: new resources for research and education. <i>Nucleic Acids Research</i> , 2012, 41, D475-D482.	14.5	418
8	RCSB Protein Data Bank: Enabling biomedical research and drug discovery. <i>Protein Science</i> , 2020, 29, 52-65.	7.6	223
9	RCSB Protein Data Bank: Sustaining a living digital data resource that enables breakthroughs in scientific research and biomedical education. <i>Protein Science</i> , 2018, 27, 316-330.	7.6	219
10	Validation of Structures in the Protein Data Bank. <i>Structure</i> , 2017, 25, 1916-1927.	3.3	210
11	Remediation of the protein data bank archive. <i>Nucleic Acids Research</i> , 2007, 36, D426-D433.	14.5	136
12	OneDep: Unified wwPDB System for Deposition, Biocuration, and Validation of Macromolecular Structures in the PDB Archive. <i>Structure</i> , 2017, 25, 536-545.	3.3	130
13	A large data set comparison of protein structures determined by crystallography and NMR: Statistical test for structural differences and the effect of crystal packing. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 69, 449-465.	2.6	113
14	Data Deposition and Annotation at the Worldwide Protein Data Bank. <i>Molecular Biotechnology</i> , 2009, 42, 1-13.	2.4	113
15	The chemical component dictionary: complete descriptions of constituent molecules in experimentally determined 3D macromolecules in the Protein Data Bank. <i>Bioinformatics</i> , 2015, 31, 1274-1278.	4.1	110
16	<sc>RCSB</sc> Protein Data Bank: Celebrating 50 years of the <sc>PDB</sc> with new tools for understanding and visualizing biological macromolecules in <sc>3D</sc>. <i>Protein Science</i> , 2022, 31, 187-208.	7.6	84
17	Trendspotting in the Protein Data Bank. <i>FEBS Letters</i> , 2013, 587, 1036-1045.	2.8	74
18	Announcing mandatory submission of PDBx/mmCIF format files for crystallographic depositions to the Protein Data Bank (PDB). <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 451-454.	2.3	46

#	ARTICLE	IF	CITATIONS
19	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, .	3.0	45
20	PDBx/mmCIF Ecosystem: Foundational Semantic Tools for Structural Biology. Journal of Molecular Biology, 2022, 434, 167599.	4.2	39
21	Improving the representation of peptide-like inhibitor and antibiotic molecules in the Protein Data Bank. Biopolymers, 2014, 101, 659-668.	2.4	31
22	Multivariate Analyses of Quality Metrics for Crystal Structures in the PDB Archive. Structure, 2017, 25, 458-468.	3.3	28
23	Enhanced validation of small-molecule ligands and carbohydrates in the Protein Data Bank. Structure, 2021, 29, 393-400.e1.	3.3	28
24	Small molecule annotation for the Protein Data Bank. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau116-bau116.	3.0	26
25	<i>DCC</i>: a Swiss army knife for structure factor analysis and validation. Journal of Applied Crystallography, 2016, 49, 1081-1084.	4.5	22
26	Target highlights in CASP9: Experimental target structures for the critical assessment of techniques for protein structure prediction. Proteins: Structure, Function and Bioinformatics, 2011, 79, 6-20.	2.6	19
27	Modernized uniform representation of carbohydrate molecules in the Protein Data Bank. Glycobiology, 2021, 31, 1204-1218.	2.5	17
28	Chemical annotation of small and peptide-like molecules at the Protein Data Bank. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat079.	3.0	14
29	Simplified quality assessment for small-molecule ligands in the Protein Data Bank. Structure, 2022, 30, 252-262.e4.	3.3	12
30	The evolution of the RCSB Protein Data Bank website. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2011, 1, 782-789.	14.6	7
31	Quality assurance for the query and distribution systems of the RCSB Protein Data Bank. Database: the Journal of Biological Databases and Curation, 2011, 2011, bar003-bar003.	3.0	7
32	wwPDB biocuration: on the front line of structural biology. Nature Methods, 2021, 18, 431-432.	19.0	3
33	Annotation and Curation of the Protein Data Bank. Nature Precedings, 2009, , .	0.1	1