

Christine Zardecki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4382435/publications.pdf>

Version: 2024-02-01

36
papers

7,722
citations

361413

20
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

11482
citing authors

#	ARTICLE	IF	CITATIONS
1	The Protein Data Bank. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 899-907.	2.5	2,023
2	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
3	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
4	Protein Data Bank: the single global archive for 3D macromolecular structure data. <i>Nucleic Acids Research</i> , 2019, 47, D520-D528.	14.5	671
5	OUP accepted manuscript. <i>Nucleic Acids Research</i> , 2017, 45, D271-D281.	14.5	619
6	The RCSB Protein Data Bank: redesigned web site and web services. <i>Nucleic Acids Research</i> , 2011, 39, D392-D401.	14.5	549
7	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
8	The RCSB Protein Data Bank: new resources for research and education. <i>Nucleic Acids Research</i> , 2012, 41, D475-D482.	14.5	418
9	RCSB Protein Data Bank: Enabling biomedical research and drug discovery. <i>Protein Science</i> , 2020, 29, 52-65.	7.6	223
10	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
11	The RCSB PDB "Molecule of the Month" Inspiring a Molecular View of Biology. <i>PLoS Biology</i> , 2015, 13, e1002140.	5.6	88
12	RCSB Protein Data Bank: Celebrating 50 years of the PDB with new tools for understanding and visualizing biological macromolecules in 3D. <i>Protein Science</i> , 2022, 31, 187-208.	7.6	84
13	Trendspotting in the Protein Data Bank. <i>FEBS Letters</i> , 2013, 587, 1036-1045.	2.8	74
14	RCSB Protein Data Bank: A Resource for Chemical, Biochemical, and Structural Explorations of Large and Small Biomolecules. <i>Journal of Chemical Education</i> , 2016, 93, 569-575.	2.3	66
15	The Nucleic Acid Database. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 889-898.	2.5	57
16	PDB101: Educational resources supporting molecular explorations through biology and medicine. <i>Protein Science</i> , 2022, 31, 129-140.	7.6	43
17	Promoting a structural view of biology for varied audiences: an overview of RCSB PDB resources and experiences. <i>Journal of Applied Crystallography</i> , 2010, 43, 1224-1229.	4.5	41
18	Evolution of the SARS-CoV-2 proteome in three dimensions (3D) during the first 6 months of the COVID-19 pandemic. <i>Proteins: Structure, Function and Bioinformatics</i> , 2022, 90, 1054-1080.	2.6	31

#	ARTICLE	IF	CITATIONS
19	The Protein Data Bank. , 2003, , 389-405.		29
20	Multivariate Analyses of Quality Metrics for Crystal Structures in the PDB Archive. Structure, 2017, 25, 458-468.	3.3	28
21	Analysis of impact metrics for the Protein Data Bank. Scientific Data, 2018, 5, 180212.	5.3	24
22	Integrative illustration for coronavirus outreach. PLoS Biology, 2020, 18, e3000815.	5.6	18
23	Impact of the Protein Data Bank Across Scientific Disciplines. Data Science Journal, 2020, 19, 25.	1.3	17
24	Insights from 20 years of the Molecule of the Month. Biochemistry and Molecular Biology Education, 2020, 48, 350-355.	1.2	16
25	The Nucleic Acid Database: A Resource for Nucleic Acid Science. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 1095-1104.	2.5	13
26	RCSB PDB <i>Mobile</i> : iOS and Android mobile apps to provide data access and visualization to the RCSB Protein Data Bank. Bioinformatics, 2015, 31, 126-127.	4.1	12
27	Using the Tools and Resources of the RCSB Protein Data Bank. Current Protocols in Bioinformatics, 2016, 55, 1.9.1-1.9.35.	25.8	8
28	The evolution of the RCSB Protein Data Bank website. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2011, 1, 782-789.	14.6	7
29	Molecular storytelling for online structural biology outreach and education. Structural Dynamics, 2021, 8, 020401.	2.3	7
30	Interesting Structures: Education and Outreach at the RCSB Protein Data Bank. PLoS Biology, 2008, 6, e117.	5.6	5
31	Virtual Boot Camp: COVID-19 evolution and structural biology. Biochemistry and Molecular Biology Education, 2020, 48, 511-513.	1.2	5
32	The Nucleic Acid Database. Methods of Biochemical Analysis, 2005, , 199-216.	0.2	4
33	The Nucleic Acid Database: Present and future. Journal of Research of the National Institute of Standards and Technology, 1996, 101, 243.	1.2	2
34	Transactions from the 70th Annual Meeting of the American Crystallographic Association: Structural Science – New Ways to Teach the Next Generation. Structural Dynamics, 2021, 8, 040401.	2.3	1
35	The Protein Data Bank: Overview and Tools for Drug Discovery. NATO Science for Peace and Security Series A: Chemistry and Biology, 2015, , 93-106.	0.5	1
36	Educational Resources for Structural Biology at the RCSB Protein Data Bank. FASEB Journal, 2006, 20, A541.	0.5	0