Christine Zardecki

List of Publications by Year
in descending order

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	Evolution of the <scp>SARSâ€CoV</scp>â€2 proteome in three dimensions (3D) during the first 6 months of the <scp>COVID</scp>â€19 pandemic. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1054-1080.	2.6	31
2	<scp>RCSB</scp> Protein Data Bank: Celebrating 50â€‰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.	7.6	84
3	<scp>PDB</scp>â€101: Educational resources supporting molecular explorations through biology and medicine. Protein Science, 2022, 31, 129-140.	7.6	43
4	Molecular storytelling for online structural biology outreach and education. Structural Dynamics, 2021, 8, 020401.	2.3	7
5	Transactions from the 70th Annual Meeting of the American Crystallographic Association: Structural Scienceâ€”New Ways to Teach the Next Generation. Structural Dynamics, 2021, 8, 040401.	2.3	1
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.	14.5	918
7	RCSB Protein Data Bank: Enabling biomedical research and drug discovery. Protein Science, 2020, 29, 52-65.	7.6	223
8	Integrative illustration for coronavirus outreach. PLoS Biology, 2020, 18, e3000815.	5.6	18
9	Virtual Boot Camp: <scp>COVID</scp>â€19 evolution and structural biology. Biochemistry and Molecular Biology Education, 2020, 48, 511-513.	1.2	5
10	Insights from 20â€‰years of the Molecule of the Month. Biochemistry and Molecular Biology Education, 2020, 48, 350-355.	1.2	16
11	Impact of the Protein Data Bank Across Scientific Disciplines. Data Science Journal, 2020, 19, 25.	1.3	17
12	Protein Data Bank: the single global archive for 3D macromolecular structure data. Nucleic Acids Research, 2019, 47, D520-D528.	14.5	671
13	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.	14.5	918
14	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.	7.6	219
15	Analysis of impact metrics for the Protein Data Bank. Scientific Data, 2018, 5, 180212.	5.3	24
16	OUP accepted manuscript. Nucleic Acids Research, 2017, 45, D271-D281.	14.5	619
17	Multivariate Analyses of Quality Metrics for Crystal Structures in the PDB Archive. Structure, 2017, 25, 458-468.	3.3	28
18	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

#	Article	IF	Citations
19	RCSB Protein Data Bank: A Resource for Chemical, Biochemical, and Structural Explorations of Large and Small Biomolecules. Journal of Chemical Education, 2016, 93, 569-575.	2.3	66
20	RCSB PDB Mobile : 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
21	The RCSB PDB â€œMolecule of the Monthâ€ Inspiring a Molecular View of Biology. PLoS Biology, 2015, 13, e1002140.	5.6	88
22	The RCSB Protein Data Bank: views of structural biology for basic and applied research and education. Nucleic Acids Research, 2015, 43, D345-D356.	14.5	461
23	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
24	Trendspotting in the Protein Data Bank. FEBS Letters, 2013, 587, 1036-1045.	2.8	74
25	The RCSB Protein Data Bank: new resources for research and education. Nucleic Acids Research, 2012, 41, D475-D482.	14.5	418
26	The evolution of the RCSB Protein Data Bank website. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2011, 1, 782-789.	14.6	7
27	The RCSB Protein Data Bank: redesigned web site and web services. Nucleic Acids Research, 2011, 39, D392-D401.	14.5	549
28	Promoting a structural view of biology for varied audiences: an overview of RCSB PDB resources and experiences. Journal of Applied Crystallography, 2010, 43, 1224-1229.	4.5	41
29	Interesting Structures: Education and Outreach at the RCSB Protein Data Bank. PLoS Biology, 2008, 6, e117.	5.6	5
30	Educational Resources for Structural Biology at the RCSB Protein Data Bank. FASEB Journal, 2006, 20, A541.	0.5	0
31	The Nucleic Acid Database. Methods of Biochemical Analysis, 2005, , 199-216.	0.2	4
32	The Protein Data Bank. , 2003, , 389-405.		29
33	The Protein Data Bank. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 899-907.	2.5	2,023
34	The Nucleic Acid Database. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 889-898.	2.5	57
35	The Nucleic Acid Database: A Resource for Nucleic Acid Science. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 1095-1104.	2.5	13
36	The Nucleic Acid Database: Present and future. Journal of Research of the National Institute of Standards and Technology, 1996, 101, 243.	1.2	2