

# Bernhard Lohkamp

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

925  
citations

643344

15  
h-index

721071

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Missense variants in DPYSL5 cause a neurodevelopmental disorder with corpus callosum agenesis and cerebellar abnormalities. <i>American Journal of Human Genetics</i> , 2021, 108, 951-961.	2.6	26
2	Current developments in Coot for macromolecular model building of Electron Cryo-microscopy and Crystallographic Data. <i>Protein Science</i> , 2020, 29, 1055-1064.	3.1	412
3	Crystal structure and pH-dependent allosteric regulation of human $\hat{1}^2$ -ureidopropionase, an enzyme involved in anticancer drug metabolism. <i>Biochemical Journal</i> , 2018, 475, 2395-2416.	1.7	8
4	Mass Spectrometry Reveals the Direct Action of a Chemical Chaperone. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4082-4086.	2.1	21
5	Ab initio solution of macromolecular crystal structures without direct methods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3637-3641.	3.3	47
6	Crystal Structures of the Kinase Domain of the Sulfate-Activating Complex in Mycobacterium tuberculosis. <i>PLoS ONE</i> , 2015, 10, e0121494.	1.1	9
7	Crystal structure of human CRMP-4: correction of intensities for lattice-translocation disorder. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1680-1694.	2.5	20
8	$\hat{1}^2$ -Ureidopropionase deficiency: phenotype, genotype and protein structural consequences in 16 patients. <i>Tijdschrift Voor Kindergeneeskunde</i> , 2013, 81, 73-74.	0.0	1
9	Novel INF2 mutation p. L77P in a family with glomerulopathy and Charcot-Marie-Tooth neuropathy. <i>Pediatric Nephrology</i> , 2013, 28, 339-343.	0.9	21
10	Insights into the oligomerization of CRMPs: crystal structure of human collapsin response mediator protein 5. <i>Journal of Neurochemistry</i> , 2013, 125, 855-868.	2.1	25
11	Substrate Channel Flexibility in Pseudomonas aeruginosa MurB Accommodates Two Distinct Substrates. <i>PLoS ONE</i> , 2013, 8, e66936.	1.1	5
12	$\hat{1}^2$ -Ureidopropionase deficiency: Phenotype, genotype and protein structural consequences in 16 patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1096-1108.	1.8	27
13	Insights into the mechanism of dihydropyrimidine dehydrogenase from site-directed mutagenesis targeting the active site loop and redox cofactor coordination. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 2198-2206.	1.1	22
14	A mixture of fortunes: the curious determination of the structure of Escherichia coli BL21 Gab protein. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 407-415.	2.5	15
15	The Crystal Structure of $\hat{1}^2$ -Alanine Synthase from Drosophila melanogaster Reveals a Homooctameric Helical Turn-Like Assembly. <i>Journal of Molecular Biology</i> , 2008, 377, 1544-1559.	2.0	35
16	Clinical, biochemical and genetic findings in two siblings with a dihydropyrimidinase deficiency. <i>Molecular Genetics and Metabolism</i> , 2007, 91, 157-164.	0.5	29
17	The Crystal Structures of Dihydropyrimidinases Reaffirm the Close Relationship between Cyclic Amidohydrolases and Explain Their Substrate Specificity. <i>Journal of Biological Chemistry</i> , 2006, 281, 13762-13776.	1.6	57
18	Crystal Structures of SnaoL2 and AclR: Two Putative Hydroxylases in the Biosynthesis of Aromatic Polyketide Antibiotics. <i>Journal of Molecular Biology</i> , 2006, 359, 728-740.	2.0	43

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19	Three-dimensional Structure of Iminodisuccinate Epimerase Defines the Fold of the MmgE/PrpD Protein Family. <i>Journal of Molecular Biology</i> , 2006, 362, 555-566.	2.0	14
20	Purification, crystallization and X-ray diffraction analysis of dihydropyrimidinase from <i>Dictyostelium discoideum</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 36-38.	0.7	1
21	The Structure of <i>Escherichia coli</i> ATP-phosphoribosyltransferase: Identification of Substrate Binding Sites and Mode of AMP Inhibition. <i>Journal of Molecular Biology</i> , 2004, 336, 131-144.	2.0	53
22	The Allosteric Effector L-Lactate Induces a Conformational Change of 2 $\text{\AA}$ –6-meric Lobster Hemocyanin in the Oxy State as Revealed by Small Angle X-ray Scattering. <i>Journal of Biological Chemistry</i> , 2001, 276, 19954-19958.	1.6	23
23	Purification, crystallization and preliminary X-ray crystallographic analysis of ATP-phosphoribosyltransferase from <i>Escherichia coli</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 1488-1491.	2.5	11