

# Ronny Helland

## List of Publications by Year in descending order

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19  
papers

641  
citations

759233

12  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1136  
citing authors

#	ARTICLE	IF	CITATIONS
1	The high catalytic rate of the cold-active <i>Vibrio</i> alkaline phosphatase requires a hydrogen bonding network involving a large interface loop. <i>FEBS Open Bio</i> , 2021, 11, 173-184.	2.3	3
2	X-ray crystal structure of <i>Vibrio</i> alkaline phosphatase with the non-competitive inhibitor cyclohexylamine. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100830.	1.3	4
3	Structural insights of the enzymes from the chitin utilization locus of <i>Flavobacterium johnsoniae</i> . <i>Scientific Reports</i> , 2020, 10, 13775.	3.3	9
4	The crystal structure of haemoglobin from Atlantic cod. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019, 75, 537-542.	0.8	0
5	Features and structure of a cold active N-acetylneuraminase lyase. <i>PLoS ONE</i> , 2019, 14, e0217713.	2.5	5
6	Structural insight into a CE15 esterase from the marine bacterial metagenome. <i>Scientific Reports</i> , 2017, 7, 17278.	3.3	17
7	Multiple specialised goose-type lysozymes potentially compensate for an exceptional lack of chicken-type lysozymes in Atlantic cod. <i>Scientific Reports</i> , 2016, 6, 28318.	3.3	12
8	Discovery of Novel Inhibitor Scaffolds against the Metallo- $\beta$ -lactamase VIM-2 by Surface Plasmon Resonance (SPR) Based Fragment Screening. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8671-8682.	6.4	56
9	Psoriasis pathogenesis "Pso p27 constitutes a compact structure forming large aggregates. <i>Biochemistry and Biophysics Reports</i> , 2015, 2, 132-136.	1.3	4
10	CorA Is a Copper Repressible Surface-Associated Copper(I)-Binding Protein Produced in <i>Methylobacterium album</i> BG8. <i>PLoS ONE</i> , 2014, 9, e87750.	2.5	18
11	Structural and functional characterization of a conserved pair of bacterial cellulose-oxidizing lytic polysaccharide monooxygenases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8446-8451.	7.1	241
12	Crystal structures of g-type lysozyme from Atlantic cod shed new light on substrate binding and the catalytic mechanism. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 2585-2598.	5.4	48
13	The 1.4Å... crystal structure of the large and cold-active <i>Vibrio</i> sp. alkaline phosphatase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 297-308.	2.3	48
14	Effects of salt on the kinetics and thermodynamic stability of endonuclease <i>fl</i> from <i>Vibrio salmonicida</i> and <i>Vibrio cholerae</i> . <i>FEBS Journal</i> , 2008, 275, 1593-1605.	4.7	14
15	An Oxidized Tryptophan Facilitates Copper Binding in <i>Methylococcus capsulatus</i> -secreted Protein MopE. <i>Journal of Biological Chemistry</i> , 2008, 283, 13897-13904.	3.4	45
16	The 1.8 Å crystal structure of a proteinase K-like enzyme from a psychrotroph <i>Serratia</i> species. <i>FEBS Journal</i> , 2006, 273, 61-71.	4.7	32
17	Structural Consequences of Accommodation of Four Non-cognate Amino Acid Residues in the S1 Pocket of Bovine Trypsin and Chymotrypsin. <i>Journal of Molecular Biology</i> , 2003, 333, 845-861.	4.2	15
18	Electrostatics of mesophilic and psychrophilic trypsin isoenzymes: Qualitative evaluation of electrostatic differences at the substrate binding site. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000, 40, 207-217.	2.6	40

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19	The crystal structure of anionic salmon trypsin in complex with bovine pancreatic trypsin inhibitor. FEBS Journal, 1998, 256, 317-324.	0.2	30