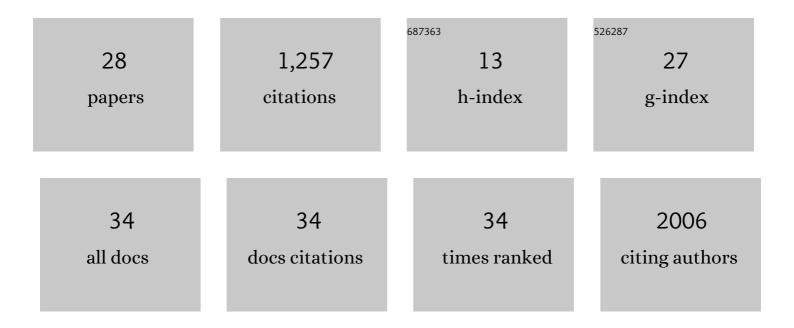
Christopher D Bahl

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Analyses of the complex formation of staphylococcal enterotoxin A and the human gp130 cytokine receptor. FEBS Letters, 2022, 596, 910-923.	2.8	3
2	Toward complete rational control over protein structure and function through computational design. Current Opinion in Structural Biology, 2021, 66, 170-177.	5.7	13
3	Breakthroughs in computational design methods open up new frontiers for <i>de novo</i> protein engineering, Design and Selection, 2021, 34, .	2.1	9
4	Biochemical and structural characterization of two cif-like epoxide hydrolases from Burkholderia cenocepacia. Current Research in Structural Biology, 2021, 3, 72-84.	2.2	2
5	Distinct genetic pathways define pre-malignant versus compensatory clonal hematopoiesis in Shwachman-Diamond syndrome. Nature Communications, 2021, 12, 1334.	12.8	103
6	Congenital Xâ€linked Neutropenia with Myelodysplasia and Somatic Tetraploidy due to a Germline Mutation in SEPT6. American Journal of Hematology, 2021, , .	4.1	1
7	Ensuring scientific reproducibility in bio-macromolecular modeling via extensive, automated benchmarks. Nature Communications, 2021, 12, 6947.	12.8	16
8	Integration of the Rosetta suite with the python software stack via reproducible packaging and core programming interfaces for distributed simulation. Protein Science, 2020, 29, 43-51.	7.6	13
9	Structural characterization and computational analysis of <scp>PDZ</scp> domains in <i>Monosiga brevicollis</i> . Protein Science, 2020, 29, 2226-2244.	7.6	4
10	Screening, large-scale production and structure-based classification of cystine-dense peptides. Nature Structural and Molecular Biology, 2018, 25, 270-278.	8.2	44
11	An epoxide hydrolase secreted by <i>Pseudomonas aeruginosa</i> decreases mucociliary transport and hinders bacterial clearance from the lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L150-L156.	2.9	27
12	Discovery and engineering of enhanced SUMO protease enzymes. Journal of Biological Chemistry, 2018, 293, 13224-13233.	3.4	43
13	Cytosolic expression, solution structures, and molecular dynamics simulation of genetically encodable disulfideâ€rich <i>de novo</i> designed peptides. Protein Science, 2018, 27, 1611-1623.	7.6	14
14	Active-Site Flexibility and Substrate Specificity in a Bacterial Virulence Factor: Crystallographic Snapshots of an Epoxide Hydrolase. Structure, 2017, 25, 697-707.e4.	3.3	15
15	<i>Pseudomonas aeruginosa</i> sabotages the generation of host proresolving lipid mediators. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 136-141.	7.1	73
16	Massively parallel de novo protein design for targeted therapeutics. Nature, 2017, 550, 74-79.	27.8	354
17	The cif Virulence Factor Gene Is Present in Isolates From Patients With Pseudomonas aeruginosa Keratitis. Cornea, 2017, 36, 358-362.	1.7	2
18	Two common structural motifs for TCR recognition by staphylococcal enterotoxins. Scientific Reports, 2016, 6, 25796.	3.3	12

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19	Accurate de novo design of hyperstable constrained peptides. Nature, 2016, 538, 329-335.	27.8	327
20	Visualizing the Mechanism of Epoxide Hydrolysis by the Bacterial Virulence Enzyme Cif. Biochemistry, 2016, 55, 788-797.	2.5	10
21	Inhibiting an Epoxide Hydrolase Virulence Factor from <i>Pseudomonas aeruginosa</i> Protects CFTR. Angewandte Chemie - International Edition, 2015, 54, 9881-9885.	13.8	12
22	Signature Motifs Identify an Acinetobacter Cif Virulence Factor with Epoxide Hydrolase Activity. Journal of Biological Chemistry, 2014, 289, 7460-7469.	3.4	19
23	Stereochemical Determinants of C-terminal Specificity in PDZ Peptide-binding Domains. Journal of Biological Chemistry, 2013, 288, 5114-5126.	3.4	32
24	Exploring the substrate profile of CFTR Inhibitory Factor. FASEB Journal, 2013, 27, 559.7.	0.5	0
25	Pseudomonas aeruginosa Cif Defines a Distinct Class of α/β Epoxide Hydrolases Utilizing a His/Tyr Ring-Opening Pair. Protein and Peptide Letters, 2012, 19, 186-193.	0.9	20
26	Epoxide-Mediated CifR Repression of <i>cif</i> Gene Expression Utilizes Two Binding Sites in Pseudomonas aeruginosa. Journal of Bacteriology, 2012, 194, 5315-5324.	2.2	16
27	Purification, crystallization and preliminary X-ray diffraction analysis of Cif, a virulence factor secreted byPseudomonas aeruginosa. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 26-28.	0.7	17
28	Crystal Structure of the Cystic Fibrosis Transmembrane Conductance Regulator Inhibitory Factor Cif Reveals Novel Active-Site Features of an Epoxide Hydrolase Virulence Factor. Journal of Bacteriology, 2010, 192, 1785-1795.	2.2	38