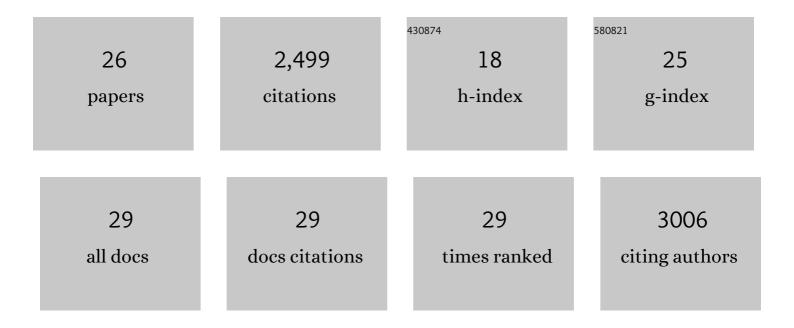
## Beat Christen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6954580/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The transcriptional landscape of a rewritten bacterial genome reveals control elements and genome design principles. Nature Communications, 2021, 12, 3053.	12.8	3
2	Stressed Serratia curb CRISPR. Nature Microbiology, 2021, 6, 149-150.	13.3	1
3	Import of Aspartate and Malate by DcuABC Drives H2/Fumarate Respiration to Promote Initial Salmonella Gut-Lumen Colonization in Mice. Cell Host and Microbe, 2020, 27, 922-936.e6.	11.0	58
4	The type IV pilin PilA couples surface attachment and cell-cycle initiation in <i>Caulobacter crescentus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9546-9553.	7.1	44
5	Coâ€ɛatabolism of arginine and succinate drives symbiotic nitrogen fixation. Molecular Systems Biology, 2020, 16, e9419.	7.2	33
6	YestroSens, a field-portable S. cerevisiae biosensor device for the detection of endocrine-disrupting chemicals: Reliability and stability. Biosensors and Bioelectronics, 2019, 146, 111710.	10.1	12
7	Chemical synthesis rewriting of a bacterial genome to achieve design flexibility and biological functionality. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8070-8079.	7.1	69
8	Identification of Smallâ€Molecule Modulators of Diguanylate Cyclase by FRETâ€Based Highâ€Throughput Screening. ChemBioChem, 2019, 20, 394-407.	2.6	14
9	Transposon Sequencing of Brucella abortus Uncovers Essential Genes for Growth <i>In Vitro</i> and Inside Macrophages. Infection and Immunity, 2018, 86, .	2.2	47
10	Gene Transfer Agent Promotes Evolvability within the Fittest Subpopulation of a Bacterial Pathogen. Cell Systems, 2017, 4, 611-621.e6.	6.2	47
11	Transposon Sequencing Uncovers an Essential Regulatory Function of Phosphoribulokinase for Methylotrophy. Current Biology, 2017, 27, 2579-2588.e6.	3.9	34
12	Genome Partitioner: A web tool for multi-level partitioning of large-scale DNA constructs for synthetic biology applications. PLoS ONE, 2017, 12, e0177234.	2.5	2
13	Quantitative Selection Analysis of Bacteriophage φCbK Susceptibility in Caulobacter crescentus. Journal of Molecular Biology, 2016, 428, 419-430.	4.2	49
14	Genome Calligrapher: A Web Tool for Refactoring Bacterial Genome Sequences for <i>de Novo</i> DNA Synthesis. ACS Synthetic Biology, 2015, 4, 927-934.	3.8	16
15	Transposon Mutagenesis Paired with Deep Sequencing of Caulobacter crescentus under Uranium Stress Reveals Genes Essential for Detoxification and Stress Tolerance. Journal of Bacteriology, 2015, 197, 3160-3172.	2.2	32
16	Structure of the pilus assembly protein TadZ from <i>Eubacterium rectale</i> : implications for polar localization. Molecular Microbiology, 2012, 83, 712-727.	2.5	22
17	The essential genome of a bacterium. Molecular Systems Biology, 2011, 7, 528.	7.2	279
18	High-throughput identification of protein localization dependency networks. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4681-4686.	7.1	45

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#	Article	IF	CITATIONS
19	Asymmetrical Distribution of the Second Messenger c-di-GMP upon Bacterial Cell Division. Science, 2010, 328, 1295-1297.	12.6	245
20	Regulation of <scp>d</scp> -Xylose Metabolism in <i>Caulobacter crescentus</i> by a Lacl-Type Repressor. Journal of Bacteriology, 2007, 189, 8828-8834.	2.2	38
21	DgrA is a member of a new family of cyclic diguanosine monophosphate receptors and controls flagellar motor function in Caulobacter crescentus. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4112-4117.	7.1	185
22	Genetic Analysis of a Novel Pathway for d -Xylose Metabolism in Caulobacter crescentus. Journal of Bacteriology, 2007, 189, 2181-2185.	2.2	408
23	Allosteric Control of Cyclic di-GMP Signaling. Journal of Biological Chemistry, 2006, 281, 32015-32024.	3.4	260
24	Allosteric Control of Cyclic di-GMP Signaling. Journal of Biological Chemistry, 2006, 281, 32015-32024.	3.4	100
25	Identification and Characterization of a Cyclic di-GMP-specific Phosphodiesterase and Its Allosteric Control by GTP. Journal of Biological Chemistry, 2005, 280, 30829-30837.	3.4	452
26	Import of Aspartate and Malate by DcuABC Drives H <sub>2</sub> /Fumarate Respiration to	0.4	1

Import of Aspartate and Malate by DcuABC Drives H <sub&gt;2&lt;/sub&gt;/Fumarate Respiration to Promote &lt;i&gt;Salmonella&lt;/i&gt; Gut-Luminal Colonization. SSRN Electronic Journal, O, , . 26