

# Frederic Bertels

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/585012/publications.pdf>

Version: 2024-02-01

18  
papers

1,209  
citations

759233

12  
h-index

888059

17  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2021  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transposable elements promote the evolution of genome streamlining. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200477.	4.0	14
2	How sequence populations persist inside bacterial genomes. <i>Genetics</i> , 2021, 217, .	2.9	10
3	Parallel Evolution of HIV-1 in a Long-Term Experiment. <i>Molecular Biology and Evolution</i> , 2019, 36, 2400-2414.	8.9	25
4	Repeated Phenotypic Evolution by Different Genetic Routes in <i>Pseudomonas fluorescens</i> SBW25. <i>Molecular Biology and Evolution</i> , 2019, 36, 1071-1085.	8.9	18
5	Estimating the mutational fitness effects distribution during early HIV infection. <i>Virus Evolution</i> , 2018, 4, vey029.	4.9	12
6	Dissecting HIV Virulence: Heritability of Setpoint Viral Load, CD4+ T-Cell Decline, and Per-Parasite Pathogenicity. <i>Molecular Biology and Evolution</i> , 2018, 35, 27-37.	8.9	37
7	Recombination of Virulence Genes in Divergent <i>Acidovorax avenae</i> Strains That Infect a Common Host. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 813-828.	2.6	15
8	Discovering Complete Quasispecies in Bacterial Genomes. <i>Genetics</i> , 2017, 206, 2149-2157.	2.9	21
9	Identification and Characterization of Domesticated Bacterial Transposases. <i>Genome Biology and Evolution</i> , 2017, 9, 2110-2121.	2.5	13
10	Bistability in a Metabolic Network Underpins the De Novo Evolution of Colony Switching in <i>Pseudomonas fluorescens</i> . <i>PLoS Biology</i> , 2015, 13, e1002109.	5.6	78
11	Automated Reconstruction of Whole-Genome Phylogenies from Short-Sequence Reads. <i>Molecular Biology and Evolution</i> , 2014, 31, 1077-1088.	8.9	399
12	Adaptive Divergence in Experimental Populations of <i>Pseudomonas fluorescens</i> . V. Insight into the Niche Specialist Fuzzy Spreader Compels Revision of the Model <i>Pseudomonas</i> Radiation. <i>Genetics</i> , 2013, 195, 1319-1335.	2.9	48
13	Genomic Analysis of the Kiwifruit Pathogen <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> Provides Insight into the Origins of an Emergent Plant Disease. <i>PLoS Pathogens</i> , 2013, 9, e1003503.	4.7	247
14	Curiosities of REPINs and RAYTs. <i>Mobile Genetic Elements</i> , 2011, 1, 262-301.	1.8	20
15	Within-Genome Evolution of REPINs: a New Family of Miniature Mobile DNA in Bacteria. <i>PLoS Genetics</i> , 2011, 7, e1002132.	3.5	45
16	Global identification of yeast chromosome interactions using Genome conformation capture. <i>Fungal Genetics and Biology</i> , 2009, 46, 879-886.	2.1	109
17	The perils of plenty: what are we going to do with all these genes?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3893-3902.	4.0	81
18	Convergent evolution as an indicator for selection during acute HIV-1 infection. , 0, 1, .		4