

# RocÃ- o Canals

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/995380/publications.pdf>

Version: 2024-02-01

26  
papers

1,074  
citations

623734

14  
h-index

752698

20  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stepwise evolution of Salmonella Typhimurium ST313 causing bloodstream infection in Africa. Nature Microbiology, 2021, 6, 327-338.	13.3	68
2	Evasion of MAIT cell recognition by the African <i>Salmonella</i> Typhimurium ST313 pathovar that causes invasive disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20717-20728.	7.1	20
3	Genetic variation in the MacAB-TolC efflux pump influences pathogenesis of invasive Salmonella isolates from Africa. PLoS Pathogens, 2020, 16, e1008763.	4.7	15
4	A window into lysogeny: revealing temperate phage biology with transcriptomics. Microbial Genomics, 2020, 6, .	2.0	25
5	Identification of genes that contribute to fitness of African and Global clades of Salmonella Enteritidis during infection of macrophages. Access Microbiology, 2020, 2, .	0.5	0
6	The diversity, evolution and ecology of Salmonella in venomous snakes. PLoS Neglected Tropical Diseases, 2019, 13, e0007169.	3.0	16
7	The use of chicken and insect infection models to assess the virulence of African Salmonella Typhimurium ST313. PLoS Neglected Tropical Diseases, 2019, 13, e0007540.	3.0	19
8	The fitness landscape of the African Salmonella Typhimurium ST313 strain D23580 reveals unique properties of the pBT1 plasmid. PLoS Pathogens, 2019, 15, e1007948.	4.7	20
9	Adding function to the genome of African Salmonella Typhimurium ST313 strain D23580. PLoS Biology, 2019, 17, e3000059.	5.6	62
10	Global gene expression profiling of a virulent Klebsiella pneumoniae strain during pulmonary infection. Access Microbiology, 2019, 1, .	0.5	0
11	Title is missing!. , 2019, 15, e1007948.		0
12	Title is missing!. , 2019, 15, e1007948.		0
13	Title is missing!. , 2019, 15, e1007948.		0
14	Role of a single noncoding nucleotide in the evolution of an epidemic African clade of <i>Salmonella</i> . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2614-E2623.	7.1	75
15	Salmonella Persistence in Tomatoes Requires a Distinct Set of Metabolic Functions Identified by Transposon Insertion Sequencing. Applied and Environmental Microbiology, 2017, 83, .	3.1	78
16	Characterization of the Prophage Repertoire of African Salmonella Typhimurium ST313 Reveals High Levels of Spontaneous Induction of Novel Phage BTP1. Frontiers in Microbiology, 2017, 8, 235.	3.5	73
17	Molecular and Chemical Analysis of the Lipopolysaccharide from Aeromonas hydrophila Strain AH-1 (Serotype O11). Marine Drugs, 2015, 13, 2233-2249.	4.6	18
18	Functional Genomics of the Aeromonas salmonicida Lipopolysaccharide O-Antigen and A-Layer from Typical and Atypical Strains. Marine Drugs, 2015, 13, 3791-3808.	4.6	16

#	ARTICLE	IF	CITATIONS
19	Hha has a defined regulatory role that is not dependent upon H-NS or StpA. <i>Frontiers in Microbiology</i> , 2015, 6, 773.	3.5	12
20	A <i>Cronobacter turicensis</i> O1 Antigen-Specific Monoclonal Antibody Inhibits Bacterial Motility and Entry into Epithelial Cells. <i>Infection and Immunity</i> , 2015, 83, 876-887.	2.2	8
21	A <i>BTP</i> 1 prophage gene present in invasive non-typhoidal <i>Salmonella</i> determines composition and length of the O-antigen of the lipopolysaccharide. <i>Molecular Microbiology</i> , 2015, 96, 263-275.	2.5	57
22	An Infection-Relevant Transcriptomic Compendium for <i>Salmonella enterica</i> Serovar Typhimurium. <i>Cell Host and Microbe</i> , 2013, 14, 683-695.	11.0	427
23	The FUN of identifying gene function in bacterial pathogens; insights from <i>Salmonella</i> functional genomics. <i>Current Opinion in Microbiology</i> , 2013, 16, 643-651.	5.1	8
24	High-throughput comparison of gene fitness among related bacteria. <i>BMC Genomics</i> , 2012, 13, 212.	2.8	26
25	Genomics of <i>Salmonella</i> Species. , 2011, , 171-235.		1
26	Structural Studies of the O-Chain Polysaccharide from <i>Plesiomonas shigelloides</i> Strain 302-73 (Serotype O1). <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3149-3155.	2.4	26