

Travis J Wiles

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4950744/publications.pdf>

Version: 2024-02-01

24
papers

1,618
citations

516710

16
h-index

839539

18
g-index

35
all docs

35
docs citations

35
times ranked

2147
citing authors

#	ARTICLE	IF	CITATIONS
1	Cultivating Healthy Connections: Exploring and Engineering the Microbial Flow That Shapes Microbiomes. <i>MSystems</i> , 2021, 6, e0086321.	3.8	0
2	Zebrafish as a Model for Investigating Animal–Microbe Interactions. , 2020, , 627-635.		2
3	Swimming motility of a gut bacterial symbiont promotes resistance to intestinal expulsion and enhances inflammation. <i>PLoS Biology</i> , 2020, 18, e3000661.	5.6	58
4	Patterns of partnership: surveillance and mimicry in host-microbiota mutualisms. <i>Current Opinion in Microbiology</i> , 2020, 54, 87-94.	5.1	10
5	Title is missing!. , 2020, 18, e3000661.		0
6	Title is missing!. , 2020, 18, e3000661.		0
7	Title is missing!. , 2020, 18, e3000661.		0
8	Title is missing!. , 2020, 18, e3000661.		0
9	Sublethal antibiotics collapse gut bacterial populations by enhancing aggregation and expulsion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21392-21400.	7.1	46
10	The Other Side of the Coin: What Beneficial Microbes Can Teach Us about Pathogenic Potential. <i>Journal of Molecular Biology</i> , 2019, 431, 2946-2956.	4.2	16
11	Bacterial Cohesion Predicts Spatial Distribution in the Larval Zebrafish Intestine. <i>Biophysical Journal</i> , 2018, 115, 2271-2277.	0.5	50
12	Modernized Tools for Streamlined Genetic Manipulation and Comparative Study of Wild and Diverse Proteobacterial Lineages. <i>MBio</i> , 2018, 9, .	4.1	65
13	Best practices for germ-free derivation and gnotobiotic zebrafish husbandry. <i>Methods in Cell Biology</i> , 2017, 138, 61-100.	1.1	117
14	The enteric nervous system promotes intestinal health by constraining microbiota composition. <i>PLoS Biology</i> , 2017, 15, e2000689.	5.6	126
15	Strengths and Limitations of Model Systems for the Study of Urinary Tract Infections and Related Pathologies. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 351-367.	6.6	50
16	Host Gut Motility Promotes Competitive Exclusion within a Model Intestinal Microbiota. <i>PLoS Biology</i> , 2016, 14, e1002517.	5.6	164
17	Identification of Population Bottlenecks and Colonization Factors during Assembly of Bacterial Communities within the Zebrafish Intestine. <i>MBio</i> , 2015, 6, e01163-15.	4.1	56
18	The RTX pore-forming toxin α -hemolysin of uropathogenic <i>Escherichia coli</i> : progress and perspectives. <i>Future Microbiology</i> , 2013, 8, 73-84.	2.0	75

#	ARTICLE	IF	CITATIONS
19	A Phyletically Rare Gene Promotes the Niche-specific Fitness of an E. coli Pathogen during Bacteremia. PLoS Pathogens, 2013, 9, e1003175.	4.7	21
20	Combining Quantitative Genetic Footprinting and Trait Enrichment Analysis to Identify Fitness Determinants of a Bacterial Pathogen. PLoS Genetics, 2013, 9, e1003716.	3.5	39
21	The Repeat-In-Toxin Family Member TosA Mediates Adherence of Uropathogenic Escherichia coli and Survival during Bacteremia. Infection and Immunity, 2012, 80, 493-505.	2.2	57
22	Use of Zebrafish to Probe the Divergent Virulence Potentials and Toxin Requirements of Extraintestinal Pathogenic Escherichia coli. PLoS Pathogens, 2009, 5, e1000697.	4.7	72
23	Origins and virulence mechanisms of uropathogenic Escherichia coli. Experimental and Molecular Pathology, 2008, 85, 11-19.	2.1	493
24	Inactivation of Host Akt/Protein Kinase B Signaling by Bacterial Pore-forming Toxins. Molecular Biology of the Cell, 2008, 19, 1427-1438.	2.1	92