

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	Origins and virulence mechanisms of uropathogenic <i>Escherichia coli</i> . <i>Experimental and Molecular Pathology</i> , 2008, 85, 11-19.	2.1	493
2	Host Gut Motility Promotes Competitive Exclusion within a Model Intestinal Microbiota. <i>PLoS Biology</i> , 2016, 14, e1002517.	5.6	164
3	The enteric nervous system promotes intestinal health by constraining microbiota composition. <i>PLoS Biology</i> , 2017, 15, e2000689.	5.6	126
4	Best practices for germ-free derivation and gnotobiotic zebrafish husbandry. <i>Methods in Cell Biology</i> , 2017, 138, 61-100.	1.1	117
5	Inactivation of Host Akt/Protein Kinase B Signaling by Bacterial Pore-forming Toxins. <i>Molecular Biology of the Cell</i> , 2008, 19, 1427-1438.	2.1	92
6	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
7	Use of Zebrafish to Probe the Divergent Virulence Potentials and Toxin Requirements of Extraintestinal Pathogenic <i>Escherichia coli</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000697.	4.7	72
8	Modernized Tools for Streamlined Genetic Manipulation and Comparative Study of Wild and Diverse Proteobacterial Lineages. <i>MBio</i> , 2018, 9, .	4.1	65
9	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
10	The Repeat-In-Toxin Family Member TosA Mediates Adherence of Uropathogenic <i>Escherichia coli</i> and Survival during Bacteremia. <i>Infection and Immunity</i> , 2012, 80, 493-505.	2.2	57
11	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
12	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
13	Bacterial Cohesion Predicts Spatial Distribution in the Larval Zebrafish Intestine. <i>Biophysical Journal</i> , 2018, 115, 2271-2277.	0.5	50
14	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
15	Combining Quantitative Genetic Footprinting and Trait Enrichment Analysis to Identify Fitness Determinants of a Bacterial Pathogen. <i>PLoS Genetics</i> , 2013, 9, e1003716.	3.5	39
16	A Phyletically Rare Gene Promotes the Niche-specific Fitness of an <i>E. coli</i> Pathogen during Bacteremia. <i>PLoS Pathogens</i> , 2013, 9, e1003175.	4.7	21
17	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
18	Patterns of partnership: surveillance and mimicry in host-microbiota mutualisms. <i>Current Opinion in Microbiology</i> , 2020, 54, 87-94.	5.1	10

#	ARTICLE	IF	CITATIONS
19	Zebrafish as a Model for Investigating Animal- <i>Microbe Interactions</i> . , 2020 , 627-635.		2
20	Cultivating Healthy Connections: Exploring and Engineering the Microbial Flow That Shapes Microbiomes. <i>MSystems</i> , 2021, 6, e0086321.	3.8	0
21	Title is missing!. , 2020, 18, e3000661.		0
22	Title is missing!. , 2020, 18, e3000661.		0
23	Title is missing!. , 2020, 18, e3000661.		0
24	Title is missing!. , 2020, 18, e3000661.		0