

Janelle S Ayres

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

4,057
citations

279701

23
h-index

395590

33
g-index

38
all docs

38
docs citations

38
times ranked

6348
citing authors

#	ARTICLE	IF	CITATIONS
1	Two ways to survive infection: what resistance and tolerance can teach us about treating infectious diseases. <i>Nature Reviews Immunology</i> , 2008, 8, 889-895.	10.6	649
2	Tolerance of Infections. <i>Annual Review of Immunology</i> , 2012, 30, 271-294.	9.5	405
3	Recognition of Bacteria by Inflammasomes. <i>Annual Review of Immunology</i> , 2013, 31, 73-106.	9.5	367
4	NAIP-NLRC4 Inflammasomes Coordinate Intestinal Epithelial Cell Expulsion with Eicosanoid and IL-18 Release via Activation of Caspase-1 and -8. <i>Immunity</i> , 2017, 46, 649-659.	6.6	332
5	The Role of Anorexia in Resistance and Tolerance to Infections in <i>Drosophila</i> . <i>PLoS Biology</i> , 2009, 7, e1000150.	2.6	277
6	A metabolic handbook for the COVID-19 pandemic. <i>Nature Metabolism</i> , 2020, 2, 572-585.	5.1	223
7	A Signaling Protease Required for Melanization in <i>Drosophila</i> Affects Resistance and Tolerance of Infections. <i>PLoS Biology</i> , 2008, 6, e305.	2.6	195
8	Lethal inflammasome activation by a multidrug-resistant pathobiont upon antibiotic disruption of the microbiota. <i>Nature Medicine</i> , 2012, 18, 799-806.	15.2	180
9	Disease tolerance mediated by microbiome <i>E. coli</i> involves inflammasome and IGF-1 signaling. <i>Science</i> , 2015, 350, 558-563.	6.0	163
10	Microbiota Metabolites in Health and Disease. <i>Annual Review of Immunology</i> , 2020, 38, 147-170.	9.5	138
11	Pathogen-Mediated Inhibition of Anorexia Promotes Host Survival and Transmission. <i>Cell</i> , 2017, 168, 503-516.e12.	13.5	127
12	Cooperative Metabolic Adaptations in the Host Can Favor Asymptomatic Infection and Select for Attenuated Virulence in an Enteric Pathogen. <i>Cell</i> , 2018, 175, 146-158.e15.	13.5	127
13	Identification of <i>Drosophila</i> Mutants Altering Defense of and Endurance to <i>Listeria monocytogenes</i> Infection. <i>Genetics</i> , 2008, 178, 1807-1815.	1.2	109
14	Disease tolerance: concept and mechanisms. <i>Current Opinion in Immunology</i> , 2018, 50, 88-93.	2.4	108
15	Cooperative Microbial Tolerance Behaviors in Host-Microbiota Mutualism. <i>Cell</i> , 2016, 165, 1323-1331.	13.5	90
16	Interactions between circadian rhythm and immunity in <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2007, 17, R353-R355.	1.8	86
17	The Circadian Clock Protein Timeless Regulates Phagocytosis of Bacteria in <i>Drosophila</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002445.	2.1	84
18	The Biology of Physiological Health. <i>Cell</i> , 2020, 181, 250-269.	13.5	69

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19	Metabolic Adaptations to Infections at the Organismal Level. Trends in Immunology, 2020, 41, 113-125.	2.9	56
20	Immunometabolism of infections. Nature Reviews Immunology, 2020, 20, 79-80.	10.6	49
21	Surviving COVID-19: A disease tolerance perspective. Science Advances, 2020, 6, eabc1518.	4.7	48
22	Thermoregulation as a disease tolerance defense strategy. Pathogens and Disease, 2016, 74, ftw106.	0.8	45
23	Inflammasome-Microbiota Interplay in Host Physiologies. Cell Host and Microbe, 2013, 14, 491-497.	5.1	42
24	Microbes Dress for Success: Tolerance or Resistance?. Trends in Microbiology, 2017, 25, 1-3.	3.5	19
25	Microbiota control of maternal behavior regulates early postnatal growth of offspring. Science Advances, 2021, 7, .	4.7	13
26	Genomic dissection of microbial pathogenesis in cultured Drosophila cells. Trends in Microbiology, 2006, 14, 101-104.	3.5	11
27	Beyond tug-of-war: Iron metabolism in cooperative host-microbe interactions. PLoS Pathogens, 2020, 16, e1008698.	2.1	11
28	Resistance and tolerance defenses in cancer: Lessons from infectious diseases. Seminars in Immunology, 2017, 32, 54-61.	2.7	9
29	Adipose triglyceride lipase mediates lipolysis and lipid mobilization in response to iron-mediated negative energy balance. Science, 2022, 25, 103941.	1.9	8
30	Decoding the intestinal epithelium cell by cell. Nature Immunology, 2018, 19, 7-9.	7.0	7
31	Cooperative defenses during enteropathogenic infection. Current Opinion in Microbiology, 2022, 65, 123-130.	2.3	6
32	Host-Pathogen Relationship Advice: Fat Protects against a Broken Heart. Cell Metabolism, 2019, 30, 409-411.	7.2	2
33	Disease Tolerance Trick or Treat: Give Your Brain Something Good to Eat. Cell, 2016, 166, 1368-1370.	13.5	1
34	When the Gut Gets Tough, the Enterocytes Get Going. Immunity, 2018, 48, 837-839.	6.6	0
35	Virulence triggered allergies: Pseudomonas gets the Las laugh. Immunity, 2022, 55, 824-826.	6.6	0