David S Schneider

List of Publications by Year
in descending order

62 papers	6,571 citations	136950 32 h-index	133252 59 g-index
74 all docs	74 docs citations	74 times ranked	7570 citing authors

#	Article	IF	Citations
1	Resilience integrates concepts in aging research. IScience, 2022, 25, 104199.	4.1	9
2	FAR: End-to-End Vibrotactile Distributed System Designed to Facilitate Affect Regulation in Children Diagnosed with Autism Spectrum Disorder Through Slow Breathing. , 2022, , .		4
3	Immunologyâ€™s intolerance of disease tolerance. Nature Reviews Immunology, 2021, 21, 624-625.	22.7	9
4	Metabolomic Analysis of Diverse Mice Reveals Hepatic Arginase-1 as Source of Plasma Arginase in Plasmodium chabaudi Infection. MBio, 2021, 12, e0242421.	4.1	7
5	Linking functional and molecular mechanisms of host resilience to malaria infection. ELife, 2021, 10, .	6.0	6
6	Uncovering drivers of dose-dependence and individual variation in malaria infection outcomes. PLoS Computational Biology, 2020, 16, e1008211.	3.2	7
7	Metabolic profiling during malaria reveals the role of the aryl hydrocarbon receptor in regulating kidney injury. ELife, 2020, 9, .	6.0	5
8	Western diet regulates immune status and the response to LPS-driven sepsis independent of diet-associated microbiome. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3688-3694.	7.1	62
9	A Macrophage Colony-Stimulating-Factor-Producing Î³Î´ T Cell Subset Prevents Malarial Parasitemic Recurrence. Immunity, 2018, 48, 350-363.e7.	14.3	105
10	Predicting position along a looping immune response trajectory. PLoS ONE, 2018, 13, e0200147.	2.5	2
11	The physiological basis of disease tolerance in insects. Current Opinion in Insect Science, 2018, 29, 133-136.	4.4	14
12	Vector Immunity and Evolutionary Ecology: The Harmonious Dissonance. Trends in Immunology, 2018, 39, 862-873.	6.8	33
13	Going to Bat(s) for Studies of Disease Tolerance. Frontiers in Immunology, 2018, 9, 2112.	4.8	81
14	Host Energy Source Is Important for Disease Tolerance to Malaria. Current Biology, 2018, 28, 1635-1642.e3.	3.9	65
15	Timing of host feeding drives rhythms in parasite replication. PLoS Pathogens, 2018, 14, e1006900.	4.7	48
16	Tracking Resilience to Infections by Mapping Disease Space. PLoS Biology, 2016, 14, e1002436.	5.6	88
17	Innate Immune Memory: Activation of Macrophage Killing Ability by Developmental Duties. Current Biology, 2016, 26, R503-R505.	3.9	4
18	What Can Vampires Teach Us about Immunology?. Trends in Immunology, 2016, 37, 253-256.	6.8	4

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19	How Many Parameters Does It Take to Describe Disease Tolerance?. PLoS Biology, 2016, 14, e1002435.	5.6	74
20	Defining Resistance and Tolerance to Cancer. Cell Reports, 2015, 13, 884-887.	6.4	14
21	Drosophila melanogaster Natural Variation Affects Growth Dynamics of Infecting Listeria monocytogenes. G3: Genes, Genomes, Genetics, 2015, 5, 2593-2600.	1.8	18
22	The <i>Drosophila</i> Deubiquitinating Enzyme dUSP36 Acts in the Hemocytes for Tolerance to <i>Listeria monocytogenes</i> Infections. Journal of Innate Immunity, 2014, 6, 632-638.	3.8	8
23	The Genetics of Immunity. Genetics, 2014, 197, 467-470.	2.9	5
24	The Genetics of Immunity. G3: Genes, Genomes, Genetics, 2014, 4, 943-945.	1.8	4
25	How the Fly Balances Its Ability to Combat Different Pathogens. PLoS Pathogens, 2012, 8, e1002970.	4.7	28
26	Balancing resistance and infection tolerance through metabolic means. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13886-13887.	7.1	9
27	Pioneering immunology: insect style. Current Opinion in Immunology, 2012, 24, 10-14.	5.5	69
28	Tolerance of Infections. Annual Review of Immunology, 2012, 30, 271-294.	21.8	405
29	Listeria monocytogenes Infection Causes Metabolic Shifts in Drosophila melanogaster. PLoS ONE, 2012, 7, e50679.	2.5	111
30	Disease Tolerance as a Defense Strategy. Science, 2012, 335, 936-941.	12.6	1,335
31	Infection-Related Declines in Chill Coma Recovery and Negative Geotaxis in Drosophila melanogaster. PLoS ONE, 2012, 7, e41907.	2.5	38
32	Tracing Personalized Health Curves during Infections. PLoS Biology, 2011, 9, e1001158.	5.6	56
33	Reciprocal Analysis of Francisella novicida Infections of a Drosophila melanogaster Model Reveal Host-Pathogen Conflicts Mediated by Reactive Oxygen and imd-Regulated Innate Immune Response. PLoS Pathogens, 2010, 6, e1001065.	4.7	82
34	The <i>Drosophila</i> TNF Ortholog Eiger Is Required in the Fat Body for a Robust Immune Response. Journal of Innate Immunity, 2010, 2, 371-378.	3.8	32
35	Relating immune and stress responses to infection resistance and tolerance. Brain, Behavior, and Immunity, 2010, 24, 193.	4.1	0
36	The Imd Pathway Is Involved in Antiviral Immune Responses in Drosophila. PLoS ONE, 2009, 4, e7436.	2.5	203

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37	The Role of Anorexia in Resistance and Tolerance to Infections in Drosophila. PLoS Biology, 2009, 7, e1000150.	5.6	277
38	Two ways to survive infection: what resistance and tolerance can teach us about treating infectious diseases. Nature Reviews Immunology, 2008, 8, 889-895.	22.7	649
39	Rogue Insect Immunity. Science, 2008, 322, 1199-1200.	12.6	16
40	EVIDENCE FOR SPECIFICITY AND MEMORY IN THE INSECT INNATE IMMUNE RESPONSE. , 2008, , 97-127.		21
41	Identification of Drosophila Mutants Altering Defense of and Endurance to Listeria monocytogenes Infection. Genetics, 2008, 178, 1807-1815.	2.9	109
42	Use of a Drosophila Model to Identify Genes Regulating Plasmodium Growth in the Mosquito. Genetics, 2008, 180, 1671-1678.	2.9	32
43	Pathogenesis of Listeria-Infected Drosophila wntD Mutants Is Associated with Elevated Levels of the Novel Immunity Gene edin. PLoS Pathogens, 2008, 4, e1000111.	4.7	30
44	Models of infectious diseases in the fruit fly Drosophila melanogaster. DMM Disease Models and Mechanisms, 2008, 1, 43-49.	2.4	103
45	A Signaling Protease Required for Melanization in Drosophila Affects Resistance and Tolerance of Infections. PLoS Biology, 2008, 6, e305.	5.6	195
46	Drosophila eiger Mutants Are Sensitive to Extracellular Pathogens. PLoS Pathogens, 2007, 3, e41.	4.7	91
47	A Specific Primed Immune Response in Drosophila Is Dependent on Phagocytes. PLoS Pathogens, 2007, 3, e26.	4.7	451
48	How and Why Does a Fly Turn Its Immune System Off?. PLoS Biology, 2007, 5, e247.	5.6	28
49	Bacterial infection of fly ovaries reduces egg production and induces local hemocyte activation. Developmental and Comparative Immunology, 2007, 31, 1121-1130.	2.3	24
50	Confronting physiology: how do infected flies die?. Cellular Microbiology, 2007, 9, 2775-2783.	2.1	38
51	Psidin Is Required in Drosophila Blood Cells for Both Phagocytic Degradation and Immune Activation of the Fat Body. Current Biology, 2007, 17, 67-72.	3.9	90
52	Interactions between circadian rhythm and immunity in Drosophila melanogaster. Current Biology, 2007, 17, R353-R355.	3.9	86
53	Genomic dissection of microbial pathogenesis in cultured Drosophila cells. Trends in Microbiology, 2006, 14, 101-104.	7.7	11
54	Bridging the gaps in vector biology. EMBO Reports, 2006, 7, 259-262.	4.5	11

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55	Akt and foxo Dysregulation Contribute to Infection-Induced Wasting in Drosophila. Current Biology, 2006, 16, 1977-1985.	3.9	286
56	WntD is a feedback inhibitor of Dorsal/NF-Î²B in Drosophila development and immunity. Nature, 2005, 437, 746-749.	27.8	144
57	Secreted Bacterial Effectors and Host-Produced Eiger/TNF Drive Death in a Salmonella-Infected Fruit Fly. PLoS Biology, 2004, 2, e418.	5.6	124
58	Exploration of host-pathogen interactions using Listeria monocytogenes and Drosophila melanogaster. Cellular Microbiology, 2003, 5, 901-911.	2.1	169
59	Drosophila melanogaster Is a Genetically Tractable Model Host for Mycobacterium marinum. Infection and Immunity, 2003, 71, 3540-3550.	2.2	166
60	Screening the fruitfly immune system. Genome Biology, 2002, 3, reviews1010.1.	9.6	5
61	Plant Immunity and Film Noir. Cell, 2002, 109, 537-540.	28.9	55
62	Interactions between the cellular and humoral immune responses in Drosophila. Current Biology, 2000, 10, 781-784.	3.9	315