William C Gause

List of Publications by Year
in descending order

36 papers	5,192 citations	279798 23 h-index	395702 33 g-index
39 all docs	39 docs citations	39 times ranked	7691 citing authors

#	Article	IF	Citations
1	Protective immune mechanisms in helminth infection. Nature Reviews Immunology, 2007, 7, 975-987.	22.7	807
2	Memory TH2 cells induce alternatively activated macrophages to mediate protection against nematode parasites. Nature Medicine, 2006, 12, 955-960.	30.7	469
3	Emerging Functions of Amphiregulin in Orchestrating Immunity, Inflammation, and Tissue Repair. Immunity, 2015, 42, 216-226.	14.3	429
4	Type 2 immunity and wound healing: evolutionary refinement of adaptive immunity by helminths. Nature Reviews Immunology, 2013, 13, 607-614.	22.7	396
5	An essential role for TH2-type responses in limiting acute tissue damage during experimental helminth infection. Nature Medicine, 2012, 18, 260-266.	30.7	380
6	Helminth infection promotes colonization resistance via type 2 immunity. Science, 2016, 352, 608-612.	12.6	347
7	Adenosine promotes alternative macrophage activationviaA2A and A2B receptors. FASEB Journal, 2012, 26, 376-386.	0.5	306
8	Alternatively activated macrophages in helminth infections. Current Opinion in Immunology, 2007, 19, 448-453.	5.5	302
9	Neutrophils prime a long-lived effector macrophage phenotype that mediates accelerated helminth expulsion. Nature Immunology, 2014, 15, 938-946.	14.5	298
10	Effect of helminth-induced immunity on infections with microbial pathogens. Nature Immunology, 2013, 14, 1118-1126.	14.5	229
11	Innate cell communication kick-starts pathogen-specific immunity. Nature Immunology, 2016, 17, 356-363.	14.5	195
12	Preexisting helminth infection induces inhibition of innate pulmonary anti-tuberculosis defense by engaging the IL-4 receptor pathway. Journal of Experimental Medicine, 2011, 208, 1863-1874.	8.5	182
13	Characterisation of effector mechanisms at the host:parasite interface during the immune response to tissue-dwelling intestinal nematode parasites. International Journal for Parasitology, 2009, 39, 13-21.	3.1	107
14	Antibodies Trap Tissue Migrating Helminth Larvae and Prevent Tissue Damage by Driving IL-4RÎ±-Independent Alternative Differentiation of Macrophages. PLoS Pathogens, 2013, 9, e1003771.	4.7	95
15	B Cells Have Distinct Roles in Host Protection against Different Nematode Parasites. Journal of Immunology, 2010, 184, 5213-5223.	0.8	81
16	Heterogeneity in the initiation, development and function of type 2 immunity. Nature Reviews Immunology, 2020, 20, 603-614.	22.7	75
17	Macrobiota â€" helminths as active participants and partners of the microbiota in host intestinal homeostasis. Current Opinion in Microbiology, 2016, 32, 14-18.	5.1	62
18	A2B Adenosine Receptor Induces Protective Antihelminth Type 2 Immune Responses. Cell Host and Microbe, 2014, 15, 339-350.	11.0	59

#	Article	IF	Citations
19	Micrometer-Sized Titanium Particles Can Induce Potent Th2-Type Responses through TLR4-Independent Pathways. Journal of Immunology, 2011, 187, 6491-6498.	0.8	53
20	Sterile particle-induced inflammation is mediated by macrophages releasing IL-33 through a Brutonâ€™s tyrosine kinase-dependent pathway. Nature Materials, 2019, 18, 289-297.	27.5	39
21	Axl and Mertk Receptors Cooperate to Promote Breast Cancer Progression by Combined Oncogenic Signaling and Evasion of Host Antitumor Immunity. Cancer Research, 2021, 81, 698-712.	0.9	37
22	Neither Primary nor Memory Immunity to Mycobacterium tuberculosis Infection Is Compromised in Mice with Chronic Enteric Helminth Infection. Infection and Immunity, 2015, 83, 1217-1223.	2.2	30
23	Helminth resistance is mediated by differential activation of recruited monocyte-derived alveolar macrophages and arginine depletion. Cell Reports, 2022, 38, 110215.	6.4	30
24	CAR-NK Cells Effectively Target SARS-CoV-2-Spike-Expressing Cell Lines In Vitro. Frontiers in Immunology, 2021, 12, 652223.	4.8	27
25	Helminth Infections Induce Tissue Tolerance Mitigating Immunopathology but Enhancing Microbial Pathogen Susceptibility. Frontiers in Immunology, 2018, 9, 2135.	4.8	26
26	Cutting Edge: Helminth Coinfection Blocks Effector Differentiation of CD8 T Cells through Alternate Host Th2- and IL-10â€“Mediated Responses. Journal of Immunology, 2017, 198, 634-639.	0.8	25
27	Early Events Triggering the Initiation of a Type 2 Immune Response. Trends in Immunology, 2021, 42, 151-164.	6.8	25
28	How helminths go viral. Science, 2014, 345, 517-518.	12.6	22
29	B Cells Produce the Tissue-Protective Protein RELMÎ± during Helminth Infection, which Inhibits IL-17ÂExpression and Limits Emphysema. Cell Reports, 2018, 25, 2775-2783.e3.	6.4	19
30	Mining Helminths for Novel Therapeutics. Trends in Molecular Medicine, 2021, 27, 345-364.	6.7	16
31	Inosine monophosphate and inosine differentially regulate endotoxemia and bacterial sepsis. FASEB Journal, 2021, 35, e21935.	0.5	15
32	The NET Effect of Neutrophils during Helminth Infection. Cell Host and Microbe, 2020, 27, 165-168.	11.0	6
33	Pla2g1b Places Worms in Peril. Cell Host and Microbe, 2017, 22, 429-431.	11.0	2
34	Selenium (Se) deficiency alters intestinal diaphorase activity in mice infected with the intestinal parasitic worm Heligmosomoides polygyrus. FASEB Journal, 2007, 21, A63.	0.5	0
35	Helminthâ€induced alternatively activated macrophages enhance susceptibility to tuberculosis. FASEB Journal, 2008, 22, 860.3.	0.5	0
36	The parasite Nippostrongylus brasiliensis induces multiple regulatory pathways that control increases of ILâ€17 expression and associated pathology in the lung. FASEB Journal, 2008, 22, 848.36.	0.5	0