Steven M Singer

List of Publications by Year
in descending order

53	5,082	136740	189595
papers	citations	32 h-index	50 g-index

54	54	54	3703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Th1 and Th2 CD4+ T cells in the pathogenesis of organ-specific autoimmune diseases. Trends in Immunology, 1995, 16, 34-38.	7.5	1,084
2	Immune response to glutamic acid decarboxylase correlates with insulitis in non-obese diabetic mice. Nature, 1993, 366, 72-75.	13.7	975
3	Effect of tumor necrosis factor alpha on insulin-dependent diabetes mellitus in NOD mice. I. The early development of autoimmunity and the diabetogenic process.. Journal of Experimental Medicine, 1994, 180, 995-1004.	4.2	302
4	Lipophosphoglycan is a virulence factor distinct from related glycoconjugates in the protozoan parasite Leishmania major. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 9258-9263.	3.3	281
5	T-Cell-Dependent Control of AcuteGiardia lambliaInfections in Mice. Infection and Immunity, 2000, 68, 170-175.	1.0	139
6	Episomal and integrated maintenance of foreign DNA in Giardia lamblia. Molecular and Biochemical Parasitology, 1998, 92, 59-69.	0.5	124
7	An Abd transgene prevents diabetes in nonobese diabetic mice by inducing regulatory T cells.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 9566-9570.	3.3	107
8	The Intersection of Immune Responses, Microbiota, and Pathogenesis in Giardiasis. Trends in Parasitology, 2017, 33, 901-913.	1.5	105
9	Mast Cell-Dependent Control of Giardia lamblia Infections in Mice. Infection and Immunity, 2004, 72, 6642-6649.	1.0	104
10	Giardia Alters Commensal Microbial Diversity throughout the Murine Gut. Infection and Immunity, 2017, 85, .	1.0	104
11	A Meta-analysis of the Effectiveness of Albendazole Compared with Metronidazole as Treatments for Infections with Giardia duodenalis. PLoS Neglected Tropical Diseases, 2010, 4, e682.	1.3	101
12	Giardia duodenalis: The double-edged sword of immune responses in giardiasis. Experimental Parasitology, 2010, 126, 292-297.	0.5	96
13	Host Immunity and Pathogen Strain Contribute to Intestinal Disaccharidase Impairment following Gut Infection. Journal of Immunology, 2011, 187, 3769-3775.	0.4	96
14	Persistent G. lamblia impairs growth in a murine malnutrition model. Journal of Clinical Investigation, 2013, 123, 2672-2684.	3.9	90
15	Initiator and upstream elements in the Î±2-tubulin promoter of Giardia lamblia. Molecular and Biochemical Parasitology, 2001, 113, 157-169.	0.5	83
16	Role of Interleukin-6 in the Control of Acute and Chronic Giardia lamblia Infections in Mice. Infection and Immunity, 2003, 71, 1566-1568.	1.0	83
17	Neuronal Nitric Oxide Synthase Is Necessary for Elimination of Giardia lamblia Infections in Mice. Journal of Immunology, 2006, 176, 516-521.	0.4	81
18	Epigenetic mechanisms are involved in the control of Giardia lamblia antigenic variation. Molecular Microbiology, 2006, 61, 1533-1542.	1.2	79

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19	The IL-12 Response of Primary Human Dendritic Cells and Monocytes to Toxoplasma gondii Is Stimulated by Phagocytosis of Live Parasites Rather Than Host Cell Invasion. Journal of Immunology, 2016, 196, 345-356.	0.4	77
20	Phosphoinositide 3-Kinase-Dependent Inhibition of Dendritic Cell Interleukin-12 Production byGiardia lamblia. Infection and Immunity, 2009, 77, 685-693.	1.0	73
21	Cross-modulation of pathogen-specific pathways enhances malnutrition during enteric co-infection with Giardia lamblia and enteroaggregative Escherichia coli. PLoS Pathogens, 2017, 13, e1006471.	2.1	68
22	Prevention of diabetes in NOD mice by a mutated I-Ab transgene. Diabetes, 1998, 47, 1570-1577.	0.3	62
23	Mast Cell-Mediated Changes in Smooth Muscle Contractility during Mouse Giardiasis. Infection and Immunity, 2007, 75, 4514-4518.	1.0	61
24	The abundance of sterile transcripts in Giardia lamblia. Nucleic Acids Research, 2001, 29, 4674-4683.	6.5	54
25	Giardiasis as a neglected disease in Brazil: Systematic review of 20 years of publications. PLoS Neglected Tropical Diseases, 2017, 11, e0006005.	1.3	54
26	Tumour necrosis factor ? contributes to protection against Giardia lamblia infection in mice. Parasite Immunology, 2007, 29, 367-374.	0.7	46
27	Transcriptomic Analysis of the Host Response to Giardia duodenalis Infection Reveals Redundant Mechanisms for Parasite Control. MBio, 2013, 4, e00660-13.	1.8	44
28	Macrophages expressing arginase 1 and nitric oxide synthase 2 accumulate in the small intestine during Giardia lamblia infection. Microbes and Infection, 2015, 17, 462-467.	1.0	43
29	The Microbiota Contributes to CD8⁺T Cell Activation and Nutrient Malabsorption following Intestinal Infection with Giardia duodenalis. Infection and Immunity, 2016, 84, 2853-2860.	1.0	42
30	Complement Activation by Giardia duodenalis Parasites through the Lectin Pathway Contributes to Mast Cell Responses and Parasite Control. Infection and Immunity, 2016, 84, 1092-1099.	1.0	39
31	Giardia duodenalis: Dendritic cell defects in IL-6 deficient mice contribute to susceptibility to intestinal infection. Experimental Parasitology, 2012, 130, 288-291.	0.5	36
32	Regulation of intestinal epithelial cell cytoskeletal remodeling by cellular immunity following gut infection. Mucosal Immunology, 2013, 6, 369-378.	2.7	35
33	Yeast-like mRNA Capping Apparatus in Giardia lamblia. Journal of Biological Chemistry, 2005, 280, 12077-12086.	1.6	31
34	Recent insights into innate and adaptive immune responses to Giardia. Advances in Parasitology, 2019, 106, 171-208.	1.4	30
35	Interleukin (IL)-21 in Inflammation and Immunity During Parasitic Diseases. Frontiers in Cellular and Infection Microbiology, 2019, 9, 401.	1.8	27
36	Adaptive immune response in symptomatic and asymptomatic enteric protozoal infection: evidence for a determining role of parasite genetic heterogeneity in host immunity to human giardiasis. Microbes and Infection, 2016, 18, 687-695.	1.0	23

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37	Targeting of proteins to the nuclei of Giardia lamblia. Molecular and Biochemical Parasitology, 2000, 106, 315-319.	0.5	20
38	Control of Giardiasis by Interleukin-17 in Humans and Miceâ€"Are the Questions All Answered?. Vaccine Journal, 2016, 23, 2-5.	3.2	20
39	Lack of the programmed death-1 receptor renders host susceptible to enteric microbial infection through impairing the production of the mucosal natural killer cell effector molecules. Journal of Leukocyte Biology, 2016, 99, 475-482.	1.5	20
40	High copy number I-Ab transgenes induce production of IgE through an interluekin 4-dependent mechanism.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 2947-2952.	3.3	17
41	Recent advances in the Giardiaâ€"host relationship reveal danger lurking behind the smile. PLoS Neglected Tropical Diseases, 2018, 12, e0006625.	1.3	16
42	Giardiasis Alters Intestinal Fatty Acid Binding Protein (I-FABP) and Plasma Cytokines Levels in Children in Brazil. Pathogens, 2020, 9, 7.	1.2	16
43	Reduction in Diabetes Incidence in an I-Ag7 Transgenic Nonobese Diabetic Mouse Line. Diabetes, 1997, 46, 1970-1974.	0.3	14
44	The Role of MHC Class II Genes in Susceptibility and Resistance to Type I Diabetes Mellitus in the NOD Mouse. Hormone and Metabolic Research, 1996, 28, 287-288.	0.7	13
45	Stool antigen immunodetection for diagnosis of Giardia duodenalis infection in human subjects with HIV and cancer. Journal of Microbiological Methods, 2017, 141, 35-41.	0.7	13
46	Genotyping and Descriptive Proteomics of a Potential Zoonotic Canine Strain of Giardia duodenalis, Infective to Mice. PLoS ONE, 2016, 11, e0164946.	1.1	12
47	Proliferation of Resident Macrophages Is Dispensable for Protection during Giardia duodenalis Infections. ImmunoHorizons, 2019, 3, 412-421.	0.8	12
48	Resistance to reinfection in mice as a vaccine model for giardiasis. Human Vaccines and Immunotherapeutics, 2014, 10, 1536-1543.	1.4	9
49	Giardia lamblia: Laboratory Maintenance, Lifecycle Induction, and Infection of Murine Models. Current Protocols in Microbiology, 2020, 57, e102.	6.5	9
50	What's eating you? An update on Giardia, the microbiome and the immune response. Current Opinion in Microbiology, 2020, 58, 87-92.	2.3	9
51	Immunity to Intestinal Protozoa: Entamoeba , Cryptosporidium , and Giardia. , 2016, , 133-141.		2
52	Immunology of Giardiasis. , 2011, , 319-331.		1
53	Reply from Liblau, Singer and McDevitt. Trends in Immunology, 1995, 16, 458.	7.5	0