

# Steven M Singer

## List of Publications by Year in descending order

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53  
papers

5,082  
citations

136950

32  
h-index

189892

50  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3703  
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 insulinitis in non-obese diabetic mice. Nature, 1993, 366, 72-75.	27.8	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.	8.5	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.	7.1	281
5	T-Cell-Dependent Control of Acute <i>Giardia lamblia</i> Infections in Mice. Infection and Immunity, 2000, 68, 170-175.	2.2	139
6	Episomal and integrated maintenance of foreign DNA in <i>Giardia lamblia</i> . Molecular and Biochemical Parasitology, 1998, 92, 59-69.	1.1	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.	7.1	107
8	The Intersection of Immune Responses, Microbiota, and Pathogenesis in Giardiasis. Trends in Parasitology, 2017, 33, 901-913.	3.3	105
9	Mast Cell-Dependent Control of <i>Giardia lamblia</i> Infections in Mice. Infection and Immunity, 2004, 72, 6642-6649.	2.2	104
10	<i>Giardia</i> Alters Commensal Microbial Diversity throughout the Murine Gut. Infection and Immunity, 2017, 85, .	2.2	104
11	A Meta-analysis of the Effectiveness of Albendazole Compared with Metronidazole as Treatments for Infections with <i>Giardia duodenalis</i> . PLoS Neglected Tropical Diseases, 2010, 4, e682.	3.0	101
12	<i>Giardia duodenalis</i> : The double-edged sword of immune responses in giardiasis. Experimental Parasitology, 2010, 126, 292-297.	1.2	96
13	Host Immunity and Pathogen Strain Contribute to Intestinal Disaccharidase Impairment following Gut Infection. Journal of Immunology, 2011, 187, 3769-3775.	0.8	96
14	Persistent <i>G. lamblia</i> impairs growth in a murine malnutrition model. Journal of Clinical Investigation, 2013, 123, 2672-2684.	8.2	90
15	Initiator and upstream elements in the $\beta$ -tubulin promoter of <i>Giardia lamblia</i> . Molecular and Biochemical Parasitology, 2001, 113, 157-169.	1.1	83
16	Role of Interleukin-6 in the Control of Acute and Chronic <i>Giardia lamblia</i> Infections in Mice. Infection and Immunity, 2003, 71, 1566-1568.	2.2	83
17	Neuronal Nitric Oxide Synthase Is Necessary for Elimination of <i>Giardia lamblia</i> Infections in Mice. Journal of Immunology, 2006, 176, 516-521.	0.8	81
18	Epigenetic mechanisms are involved in the control of <i>Giardia lamblia</i> antigenic variation. Molecular Microbiology, 2006, 61, 1533-1542.	2.5	79

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19	The IL-12 Response of Primary Human Dendritic Cells and Monocytes to <i>Toxoplasma gondii</i> Is Stimulated by Phagocytosis of Live Parasites Rather Than Host Cell Invasion. <i>Journal of Immunology</i> , 2016, 196, 345-356.	0.8	77
20	Phosphoinositide 3-Kinase-Dependent Inhibition of Dendritic Cell Interleukin-12 Production by <i>Giardia lamblia</i> . <i>Infection and Immunity</i> , 2009, 77, 685-693.	2.2	73
21	Cross-modulation of pathogen-specific pathways enhances malnutrition during enteric co-infection with <i>Giardia lamblia</i> and enteroaggregative <i>Escherichia coli</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006471.	4.7	68
22	Prevention of diabetes in NOD mice by a mutated I-Ab transgene. <i>Diabetes</i> , 1998, 47, 1570-1577.	0.6	62
23	Mast Cell-Mediated Changes in Smooth Muscle Contractility during Mouse Giardiasis. <i>Infection and Immunity</i> , 2007, 75, 4514-4518.	2.2	61
24	The abundance of sterile transcripts in <i>Giardia lamblia</i> . <i>Nucleic Acids Research</i> , 2001, 29, 4674-4683.	14.5	54
25	Giardiasis as a neglected disease in Brazil: Systematic review of 20 years of publications. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006005.	3.0	54
26	Tumour necrosis factor $\gamma$ contributes to protection against <i>Giardia lamblia</i> infection in mice. <i>Parasite Immunology</i> , 2007, 29, 367-374.	1.5	46
27	Transcriptomic Analysis of the Host Response to <i>Giardia duodenalis</i> Infection Reveals Redundant Mechanisms for Parasite Control. <i>MBio</i> , 2013, 4, e00660-13.	4.1	44
28	Macrophages expressing arginase 1 and nitric oxide synthase 2 accumulate in the small intestine during <i>Giardia lamblia</i> infection. <i>Microbes and Infection</i> , 2015, 17, 462-467.	1.9	43
29	The Microbiota Contributes to CD8 <sup>+</sup> T Cell Activation and Nutrient Malabsorption following Intestinal Infection with <i>Giardia duodenalis</i> . <i>Infection and Immunity</i> , 2016, 84, 2853-2860.	2.2	42
30	Complement Activation by <i>Giardia duodenalis</i> Parasites through the Lectin Pathway Contributes to Mast Cell Responses and Parasite Control. <i>Infection and Immunity</i> , 2016, 84, 1092-1099.	2.2	39
31	<i>Giardia duodenalis</i> : Dendritic cell defects in IL-6 deficient mice contribute to susceptibility to intestinal infection. <i>Experimental Parasitology</i> , 2012, 130, 288-291.	1.2	36
32	Regulation of intestinal epithelial cell cytoskeletal remodeling by cellular immunity following gut infection. <i>Mucosal Immunology</i> , 2013, 6, 369-378.	6.0	35
33	Yeast-like mRNA Capping Apparatus in <i>Giardia lamblia</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 12077-12086.	3.4	31
34	Recent insights into innate and adaptive immune responses to <i>Giardia</i> . <i>Advances in Parasitology</i> , 2019, 106, 171-208.	3.2	30
35	Interleukin (IL)-21 in Inflammation and Immunity During Parasitic Diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 401.	3.9	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. <i>Microbes and Infection</i> , 2016, 18, 687-695.	1.9	23

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37	Targeting of proteins to the nuclei of <i>Giardia lamblia</i> . <i>Molecular and Biochemical Parasitology</i> , 2000, 106, 315-319.	1.1	20
38	Control of Giardiasis by Interleukin-17 in Humans and Mice—Are the Questions All Answered?. <i>Vaccine Journal</i> , 2016, 23, 2-5.	3.1	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. <i>Journal of Leukocyte Biology</i> , 2016, 99, 475-482.	3.3	20
40	High copy number I-Ab transgenes induce production of IgE through an interleukin 4-dependent mechanism.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 2947-2952.	7.1	17
41	Recent advances in the <i>Giardia</i> –host relationship reveal danger lurking behind the smile. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006625.	3.0	16
42	Giardiasis Alters Intestinal Fatty Acid Binding Protein (I-FABP) and Plasma Cytokines Levels in Children in Brazil. <i>Pathogens</i> , 2020, 9, 7.	2.8	16
43	Reduction in Diabetes Incidence in an I-Ag7 Transgenic Nonobese Diabetic Mouse Line. <i>Diabetes</i> , 1997, 46, 1970-1974.	0.6	14
44	The Role of MHC Class II Genes in Susceptibility and Resistance to Type I Diabetes Mellitus in the NOD Mouse. <i>Hormone and Metabolic Research</i> , 1996, 28, 287-288.	1.5	13
45	Stool antigen immunodetection for diagnosis of <i>Giardia duodenalis</i> infection in human subjects with HIV and cancer. <i>Journal of Microbiological Methods</i> , 2017, 141, 35-41.	1.6	13
46	Genotyping and Descriptive Proteomics of a Potential Zoonotic Canine Strain of <i>Giardia duodenalis</i> , Infective to Mice. <i>PLoS ONE</i> , 2016, 11, e0164946.	2.5	12
47	Proliferation of Resident Macrophages Is Dispensable for Protection during <i>Giardia duodenalis</i> Infections. <i>ImmunoHorizons</i> , 2019, 3, 412-421.	1.8	12
48	Resistance to reinfection in mice as a vaccine model for giardiasis. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 1536-1543.	3.3	9
49	<i>Giardia lamblia</i> : Laboratory Maintenance, Lifecycle Induction, and Infection of Murine Models. <i>Current Protocols in Microbiology</i> , 2020, 57, e102.	6.5	9
50	What's eating you? An update on <i>Giardia</i> , the microbiome and the immune response. <i>Current Opinion in Microbiology</i> , 2020, 58, 87-92.	5.1	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. <i>Trends in Immunology</i> , 1995, 16, 458.	7.5	0