Joseph F Urban Jr

List of Publications by Year
in descending order

260 papers	24,807 citations	8181 76 h-index	8167 148 g-index
269 all docs	269 docs citations	269 times ranked	19916 citing authors

#	Article	IF	Citations
1	Lymphokine Control of In Vivo Immunoglobulin Isotype Selection. Annual Review of Immunology, 1990, 8, 303-333.	21.8	1,299
2	Cell-intrinsic lysosomal lipolysis is essential for alternative activation of macrophages. Nature Immunology, 2014, 15, 846-855.	14.5	856
3	Protective immune mechanisms in helminth infection. Nature Reviews Immunology, 2007, 7, 975-987.	22.7	807
4	Trichuris suis therapy for active ulcerative colitis: A randomized controlled trial. Gastroenterology, 2005, 128, 825-832.	1.3	690
5	CYTOKINE REGULATION OF HOST DEFENSE AGAINST PARASITIC GASTROINTESTINAL NEMATODES:Lessons from Studies with Rodent Models*. Annual Review of Immunology, 1997, 15, 505-533.	21.8	626
6	Trichuris suis therapy in Crohn's disease. Gut, 2005, 54, 87-90.	12.1	625
7	Conditional deletion of Gata3 shows its essential function in TH1-TH2 responses. Nature Immunology, 2004, 5, 1157-1165.	14.5	572
8	IL-13, IL-4RÎ±, and Stat6 Are Required for the Expulsion of the Gastrointestinal Nematode Parasite Nippostrongylus brasiliensis. Immunity, 1998, 8, 255-264.	14.3	545
9	IL-25-responsive, lineage-negative KLRG1hi cells are multipotential â€˜inflammatoryâ€™ type 2 innate lymphoid cells. Nature Immunology, 2015, 16, 161-169.	14.5	544
10	IL25 elicits a multipotent progenitor cell population that promotes TH2 cytokine responses. Nature, 2010, 464, 1362-1366.	27.8	512
11	Memory TH2 cells induce alternatively activated macrophages to mediate protection against nematode parasites. Nature Medicine, 2006, 12, 955-960.	30.7	469
12	Interleukin-4- and interleukin-13-mediated host protection against intestinal nematode parasites. Immunological Reviews, 2004, 201, 139-155.	6.0	445
13	S1P-dependent interorgan trafficking of group 2 innate lymphoid cells supports host defense. Science, 2018, 359, 114-119.	12.6	408
14	Trichuris suis seems to be safe and possibly effective in the treatment of inflammatory bowel disease. American Journal of Gastroenterology, 2003, 98, 2034-2041.	0.4	387
15	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
16	Basophils Produce IL-4 and Accumulate in Tissues after Infection with a Th2-inducing Parasite. Journal of Experimental Medicine, 2004, 200, 507-517.	8.5	379
17	Interleukin 4 is important in protective immunity to a gastrointestinal nematode infection in mice.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 5513-5517.	7.1	341
18	The Importance of Th2 Cytokines in Protective Immunity to Nematodes. Immunological Reviews, 1992, 127, 205-220.	6.0	341

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19	An interleukin 4 (IL-4)-independent pathway for CD4⁺T cell IL-4 production is revealed in IL-4 receptor-deficientâ€‰mice. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10838-10843.	7.1	310
20	Alternatively activated macrophages in helminth infections. Current Opinion in Immunology, 2007, 19, 448-453.	5.5	302
21	The IL-21 receptor augments Th2 effector function and alternative macrophage activation. Journal of Clinical Investigation, 2006, 116, 2044-2055.	8.2	299
22	Neutrophils prime a long-lived effector macrophage phenotype that mediates accelerated helminth expulsion. Nature Immunology, 2014, 15, 938-946.	14.5	298
23	Developmental Acquisition of Regulomes Underlies Innate Lymphoid Cell Functionality. Cell, 2016, 165, 1120-1133.	28.9	273
24	Heligmosomoides polygyrus inhibits established colitis in ILâ€10â€deficient mice. European Journal of Immunology, 2004, 34, 2690-2698.	2.9	260
25	Intestinal epithelial cell secretion of RELM-Î² protects against gastrointestinal worm infection. Journal of Experimental Medicine, 2009, 206, 2947-2957.	8.5	236
26	The immune response to parasitic helminths: insights from murine models. Trends in Immunology, 2003, 24, 269-277.	6.8	235
27	Regulation and biological function of helminth-induced cytokine responses. Trends in Immunology, 1991, 12, A62-A66.	7.5	222
28	Exposure to schistosome eggs protects mice from TNBS-induced colitis. American Journal of Physiology - Renal Physiology, 2003, 284, G385-G391.	3.4	218
29	Unique Maturation Program of the IgE Response In Vivo. Immunity, 2007, 26, 191-203.	14.3	218
30	Alterations in the Porcine Colon Microbiota Induced by the Gastrointestinal Nematode Trichuris suis. Infection and Immunity, 2012, 80, 2150-2157.	2.2	208
31	Activation of intestinal tuft cell-expressed Sucnr1 triggers type 2 immunity in the mouse small intestine. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5552-5557.	7.1	203
32	Retnla (RelmÎ±/Fizz1) Suppresses Helminth-Induced Th2-Type Immunity. PLoS Pathogens, 2009, 5, e1000393.	4.7	202
33	Stat6 Signaling Promotes Protective Immunity Against Trichinella spiralis Through a Mast Cell- and T Cell-Dependent Mechanism. Journal of Immunology, 2000, 164, 2046-2052.	0.8	201
34	Neuropeptide CGRP Limits Group 2 Innate Lymphoid Cell Responses and Constrains Type 2 Inflammation. Immunity, 2019, 51, 682-695.e6.	14.3	192
35	IL-10 Is Critical for Host Resistance and Survival During Gastrointestinal Helminth Infection. Journal of Immunology, 2002, 168, 2383-2392.	0.8	187
36	Mechanisms of Neonatal Mucosal Antibody Protection. Journal of Immunology, 2006, 177, 6256-6262.	0.8	187

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37	Th2 Cytokine-Induced Alterations in Intestinal Smooth Muscle Function Depend on Alternatively Activated Macrophages. Gastroenterology, 2008, 135, 217-225.e1.	1.3	183
38	Amphiregulin, a T _H 2 Cytokine Enhancing Resistance to Nematodes. Science, 2006, 314, 1746-1746.	12.6	180
39	Animal Model ofNippostrongylus brasiliensisandHeligmosomoides polygyrus. , 2003, Chapter 19, Unit 19.12.		179
40	Dependence of IL-4, IL-13, and Nematode-Induced Alterations in Murine Small Intestinal Smooth Muscle Contractility on Stat6 and Enteric Nerves. Journal of Immunology, 2003, 171, 948-954.	0.8	173
41	The other side of the coin: The protective role of the TH2 cytokines. Journal of Allergy and Clinical Immunology, 2001, 107, 772-780.	2.9	170
42	Stat6 Regulation of In Vivo IL-4 Responses. Journal of Immunology, 2000, 164, 2303-2310.	0.8	167
43	Innate immunological function of TH2 cells in vivo. Nature Immunology, 2015, 16, 1051-1059.	14.5	167
44	Infection breaks T-cell tolerance. Nature, 1992, 359, 79-82.	27.8	164
45	Unique functions of the type II interleukin 4 receptor identified in mice lacking the interleukin 13 receptor Î±1 chain. Nature Immunology, 2008, 9, 25-33.	14.5	161
46	Role of STAT6 and Mast Cells in IL-4- and IL-13-Induced Alterations in Murine Intestinal Epithelial Cell Function. Journal of Immunology, 2002, 169, 4417-4422.	0.8	156
47	The Transcription Factor GATA3 Actively Represses RUNX3 Protein-Regulated Production of Interferon-Î³. Immunity, 2010, 32, 507-517.	14.3	151
48	Localized Multigene Expression Patterns Support an Evolving Th1/Th2-Like Paradigm in Response to Infections with Toxoplasma gondii and Ascaris suum. Infection and Immunity, 2005, 73, 1116-1128.	2.2	150
49	Aryl Hydrocarbon Receptor Signaling Cell Intrinsically Inhibits Intestinal Group 2 Innate Lymphoid Cell Function. Immunity, 2018, 49, 915-928.e5.	14.3	149
50	The distinctive germinal center phase of IgE+ B lymphocytes limits their contribution to the classical memory response. Journal of Experimental Medicine, 2013, 210, 2755-2771.	8.5	139
51	Worm Burden-Dependent Disruption of the Porcine Colon Microbiota by Trichuris suis Infection. PLoS ONE, 2012, 7, e35470.	2.5	138
52	Critical role of fatty acid metabolism in ILC2-mediated barrier protection during malnutrition and helminth infection. Journal of Experimental Medicine, 2016, 213, 1409-1418.	8.5	137
53	The Role of IL-4 in Heligmosomoides polygyrus-Induced Alterations in Murine Intestinal Epithelial Cell Function. Journal of Immunology, 2001, 167, 2234-2239.	0.8	130
54	The effect of helminth infection on the microbial composition and structure of the caprine abomasal microbiome. Scientific Reports, 2016, 6, 20606.	3.3	129

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55	The role of IL-13 in helminth-induced inflammation and protective immunity against nematode infections. Current Opinion in Immunology, 1999, 11, 420-426.	5.5	121
56	Cinnamon Polyphenol Extract Affects Immune Responses by Regulating Anti- and Proinflammatory and Glucose Transporter Gene Expression in Mouse Macrophages , ,3. Journal of Nutrition, 2008, 138, 833-840.	2.9	121
57	IL-4 Exacerbates Anaphylaxis. Journal of Immunology, 2003, 170, 3835-3842.	0.8	115
58	Heligmosomoides polygyrus: CD4+ but not CD8+ T cells regulate the IgE response and protective immunity in mice. Experimental Parasitology, 1991, 73, 500-511.	1.2	113
59	CTLA-4 ligands are required to induce an in vivo interleukin 4 response to a gastrointestinal nematode parasite.. Journal of Experimental Medicine, 1994, 180, 693-698.	8.5	113
60	Heligmosomoides polygyrusPromotes Regulatory T-Cell Cytokine Production in the Murine Normal Distal Intestine. Infection and Immunity, 2007, 75, 4655-4663.	2.2	111
61	Colonization with Heligmosomoides polygyrus Suppresses Mucosal IL-17 Production. Journal of Immunology, 2008, 181, 2414-2419.	0.8	109
62	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
63	An in-depth comparison of the porcine, murine and human inflammasomes; lessons from the porcine genome and transcriptome. Veterinary Microbiology, 2017, 202, 2-15.	1.9	102
64	Critical Role of IL-25 in Nematode Infection-Induced Alterations in Intestinal Function. Journal of Immunology, 2010, 185, 6921-6929.	0.8	100
65	Macrophages as IL-25/IL-33-Responsive Cells Play an Important Role in the Induction of Type 2 Immunity. PLoS ONE, 2013, 8, e59441.	2.5	97
66	Parasitic Nematode-Induced Modulation of Body Weight and Associated Metabolic Dysfunction in Mouse Models of Obesity. Infection and Immunity, 2013, 81, 1905-1914.	2.2	95
67	Type 2 immunity-dependent reduction of segmented filamentous bacteria in mice infected with the helminthic parasite Nippostrongylus brasiliensis. Microbiome, 2015, 3, 40.	11.1	93
68	Migratory CD103+ dendritic cells suppress helminth-driven type 2 immunity through constitutive expression of IL-12. Journal of Experimental Medicine, 2016, 213, 35-51.	8.5	90
69	Cutting Edge: IL-4 Receptor Expression by Non-Bone Marrow-Derived Cells Is Required to Expel Gastrointestinal Nematode Parasites. Journal of Immunology, 2001, 167, 6078-6081.	0.8	89
70	Enteric Nematodes Induce Stereotypic STAT6-Dependent Alterations in Intestinal Epithelial Cell Function. Journal of Immunology, 2004, 172, 5616-5621.	0.8	88
71	Induction of CD8+ regulatory T cells in the intestine by Heligmosomoides polygyrus infection. American Journal of Physiology - Renal Physiology, 2006, 291, G253-G259.	3.4	87
72	Infection with parasitic nematodes confounds vaccination efficacy. Veterinary Parasitology, 2007, 148, 14-20.	1.8	86

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73	Heligmosomoides polygyrus Infection Can Inhibit Colitis through Direct Interaction with Innate Immunity. Journal of Immunology, 2010, 185, 3184-3189.	0.8	84
74	Ascaris suum: Development of intestinal immunity to infective second-stage larvae in swine. Experimental Parasitology, 1988, 66, 66-77.	1.2	82
75	Green tea increases anti-inflammatory tristetraprolin and decreases pro-inflammatory tumor necrosis factor mRNA levels in rats. Journal of Inflammation, 2007, 4, 1.	3.4	82
76	T cell-derived IL-3 plays key role in parasite infection-induced basophil production but is dispensable for in vivo basophil survival. International Immunology, 2008, 20, 1201-1209.	4.0	82
77	The pathogenesis of necrotic proliferative colitis in swine is linked to whipworm induced suppression of mucosal immunity to resident bacteria. Veterinary Immunology and Immunopathology, 1996, 50, 1-17.	1.2	81
78	B Cells Have Distinct Roles in Host Protection against Different Nematode Parasites. Journal of Immunology, 2010, 184, 5213-5223.	0.8	81
79	The Chemoattractant Receptor Ebi2 Drives Intranodal Naive CD4+ T Cell Peripheralization to Promote Effective Adaptive Immunity. Immunity, 2019, 50, 1188-1201.e6.	14.3	80
80	Peripheral CD4 T Cells Rapidly Accumulate at the Host:Parasite Interface during an Inflammatory Th2 Memory Response. Journal of Immunology, 2004, 172, 2424-2430.	0.8	77
81	An Extensive Comparison of the Effect of Anthelmintic Classes on Diverse Nematodes. PLoS ONE, 2013, 8, e70702.	2.5	77
82	Ascaris suum: Protective immunity in pigs immunized with products from eggs and larvae. Experimental Parasitology, 1985, 60, 245-254.	1.2	76
83	Regulation of murine in vivo IgG and IgE responses by a monoclonal anti-IL-4 receptor antibody. International Immunology, 1991, 3, 599-607.	4.0	76
84	Heligmosomoides polygyrus bakeri Induces Tolerogenic Dendritic Cells that Block Colitis and Prevent Antigen-Specific Gut T Cell Responses. Journal of Immunology, 2012, 189, 2512-2520.	0.8	76
85	Antigen-specific activation, tolerization, and reactivation of the interleukin 4 pathway in vivo.. Journal of Experimental Medicine, 1994, 179, 1885-1893.	8.5	74
86	The function of costimulatory molecules and the development of IL-4-producing T cells. Trends in Immunology, 1997, 18, 115-120.	7.5	74
87	Role of T cell TGFâ€Î² signaling in intestinal cytokine responses and helminthic immune modulation. European Journal of Immunology, 2009, 39, 1870-1878.	2.9	74
88	The possible link between de-worming and the emergence of immunological disease. Translational Research, 2002, 139, 334-338.	2.3	70
89	Mechanistic insights into the attenuation of intestinal inflammation and modulation of the gut microbiome by krill oil using in vitro and in vivo models. Microbiome, 2020, 8, 83.	11.1	70
90	Anti-Inflammatory Mechanisms of EntericHeligmosomoides polygyrusInfection against Trinitrobenzene Sulfonic Acid-Induced Colitis in a Murine Model. Infection and Immunity, 2008, 76, 4772-4782.	2.2	69

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91	Interleukin-33 Promotes Serotonin Release from Enterochromaffin Cells for Intestinal Homeostasis. Immunity, 2021, 54, 151-163.e6.	14.3	69
92	IgE formation in the rat following infection with Nippostrongylus brasiliensis. Cellular Immunology, 1976, 22, 248-261.	3.0	68
93	Cutting Edge: Heligmosomoides polygyrus Induces TLR4 on Murine Mucosal T Cells That Produce TGFÎ² after Lipopolysaccharide Stimulation. Journal of Immunology, 2006, 176, 726-729.	0.8	65
94	The Role of B Cells in the Development of CD4 Effector T Cells during a Polarized Th2 Immune Response. Journal of Immunology, 2007, 179, 3821-3830.	0.8	64
95	Heligmosomoides polygyrus bakeri Infection Activates Colonic Foxp3+ T Cells Enhancing Their Capacity To Prevent Colitis. Journal of Immunology, 2013, 191, 1927-1934.	0.8	64
96	Flavanol-Enriched Cocoa Powder Alters the Intestinal Microbiota, Tissue and Fluid Metabolite Profiles, and Intestinal Gene Expression in Pigs. Journal of Nutrition, 2016, 146, 673-680.	2.9	64
97	Localized Th1-, Th2-, T Regulatory Cell-, and Inflammation-Associated Hepatic and Pulmonary Immune Responses inAscaris suum-Infected Swine Are Increased by Retinoic Acid. Infection and Immunity, 2009, 77, 2576-2587.	2.2	63
98	Bhlhe40 mediates tissue-specific control of macrophage proliferation in homeostasis and type 2 immunity. Nature Immunology, 2019, 20, 687-700.	14.5	62
99	Dynamics of lung macrophage activation in response to helminth infection. Journal of Leukocyte Biology, 2008, 84, 1422-1433.	3.3	59
100	Ascaris suum infection negatively affects the response to a Mycoplasma hyopneumoniae vaccination and subsequent challenge infection in pigs. Vaccine, 2009, 27, 5161-5169.	3.8	59
101	The Role of OX40 Ligand Interactions in the Development of the Th2 Response to the Gastrointestinal Nematode Parasite Heligmosomoides polygyrus. Journal of Immunology, 2003, 170, 384-393.	0.8	58
102	Resource limitation alters the consequences of co-infection for both hosts and parasites. International Journal for Parasitology, 2015, 45, 455-463.	3.1	57
103	ENHANCEMENT OF DISEASE AND PATHOLOGY BY SYNERGY OF TRICHURIS SUIS AND CAMPYLOBACTER JEJUNI IN THE COLON OF IMMUNOLOGICALLY NAIVE SWINE. American Journal of Tropical Medicine and Hygiene, 2003, 68, 70-80.	1.4	57
104	Resistance to Ascaris suum in parasite naÃ¯ve and naturally exposed growers, finishers and sows. Veterinary Parasitology, 1992, 41, 137-149.	1.8	55
105	Molecular mimicry between cockroach and helminth glutathione S-transferases promotes cross-reactivity and cross-sensitization. Journal of Allergy and Clinical Immunology, 2012, 130, 248-256.e9.	2.9	55
106	The porcine translational research database: a manually curated, genomics and proteomics-based research resource. BMC Genomics, 2017, 18, 643.	2.8	55
107	5-(Hydroxyphenyl)-Î³-Valerolactone-Sulfate, a Key Microbial Metabolite of Flavan-3-ols, Is Able to Reach the Brain: Evidence from Different in Silico, In Vitro and In Vivo Experimental Models. Nutrients, 2019, 11, 2678.	4.1	55
108	Hookworm-Induced Persistent Changes to the Immunological Environment of the Lung. Infection and Immunity, 2008, 76, 3511-3524.	2.2	54

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109	Coinfection with the Intestinal NematodeHeligmosomoides polygyrusMarkedly Reduces Hepatic Egg-Induced Immunopathology and Proinflammatory Cytokines in Mouse Models of Severe Schistosomiasis. Infection and Immunity, 2008, 76, 5164-5172.	2.2	54
110	Acidic chitinase primes the protective immune response to gastrointestinal nematodes. Nature Immunology, 2016, 17, 538-544.	14.5	51
111	Trichuris suis: A Zinc Metalloprotease from Culture Fluids of Adult Parasites. Experimental Parasitology, 1993, 77, 170-178.	1.2	50
112	Functional Importance of Regional Differences in Localized Gene Expression of Receptors for IL-13 in Murine Gut. Journal of Immunology, 2006, 176, 491-495.	0.8	49
113	Enteric helminth coinfection enhances host susceptibility to neurotropic flaviviruses via a tuft cell-IL-4 receptor signaling axis. Cell, 2021, 184, 1214-1231.e16.	28.9	48
114	Requirements for the development of IL-4-producing T cells during intestinal nematode infections: what it takes to make a Th2 cell in vivo. Immunological Reviews, 2004, 201, 57-74.	6.0	47
115	Local TH1 and TH2 responses to parasitic infection in the intestine: regulation by IFN-gamma and IL-4. Veterinary Immunology and Immunopathology, 1996, 54, 337-344.	1.2	46
116	Ascaris suum -Derived Products Suppress Mucosal Allergic Inflammation in an Interleukin-10-Independent Manner via Interference with Dendritic Cell Function. Infection and Immunity, 2006, 74, 6632-6641.	2.2	46
117	Insulin Increases Tristetraprolin and Decreases VEGF Gene Expression in Mouse 3T3â€“L1 Adipocytes. Obesity, 2008, 16, 1208-1218.	3.0	46
118	The Pathogenicity of an EntericCitrobacter rodentiumInfection Is Enhanced by Deficiencies in the Antioxidants Selenium and Vitamin E. Infection and Immunity, 2011, 79, 1471-1478.	2.2	45
119	IL-13-Mediated Worm Expulsion Is B7 Independent and IFN-Î³ Sensitive. Journal of Immunology, 2000, 164, 4250-4256.	0.8	44
120	In vitro Development of Ascaris suum from Third- to Fourth-Stage Larvae and Detection of Metabolic Antigens in Multi-Well Culture Systems. Journal of Parasitology, 1981, 67, 800.	0.7	43
121	Neutrophils Clear Bacteria Associated with Parasitic Nematodes Augmenting the Development of an Effective Th2-Type Response. Journal of Immunology, 2008, 180, 464-474.	0.8	43
122	Bacillus thuringiensis-derived Cry5B Has Potent Anthelmintic Activity against Ascaris suum. PLoS Neglected Tropical Diseases, 2013, 7, e2263.	3.0	43
123	Immune Regulation of Protease-Activated Receptor-1 Expression in Murine Small Intestine duringNippostrongylus brasiliensisInfection. Journal of Immunology, 2005, 175, 2563-2569.	0.8	42
124	IL-2 and Autocrine IL-4 Drive the In Vivo Development of Antigen-Specific Th2 T Cells Elicited by Nematode Parasites. Journal of Immunology, 2005, 174, 2242-2249.	0.8	42
125	Supplemental Dietary Inulin Influences Expression of Iron and Inflammation Related Genes in Young Pigs. Journal of Nutrition, 2009, 139, 2018-2023.	2.9	42
126	Increased frequency of interleukin 4-producing T cells as a result of polyclonal priming. Use of a single-cell assay to detect interleukin 4-producing cells. European Journal of Immunology, 1991, 21, 1241-1247.	2.9	41

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127	Trichuris suis: A Secretory Chymotrypsin/Elastase Inhibitor with Potential as an Immunomodulator. Experimental Parasitology, 2000, 95, 36-44.	1.2	41
128	Nippostrongylus brasiliensisCan Induce B7-Independent Antigen-Specific Development of IL-4-Producing T Cells from Naive CD4 T Cells In Vivo. Journal of Immunology, 2002, 169, 6959-6968.	0.8	41
129	Development of immune responsiveness to antigens in pigs vaccinated with ultraviolet-attenuated eggs. Veterinary Immunology and Immunopathology, 1982, 3, 399-409.	1.2	40
130	Contribution of 5-HT2A Receptor in Nematode Infection-Induced Murine Intestinal Smooth Muscle Hypercontractility. Gastroenterology, 2006, 131, 568-578.	1.3	40
131	IL-33-induced alterations in murine intestinal function and cytokine responses are MyD88, STAT6, and IL-13 dependent. American Journal of Physiology - Renal Physiology, 2013, 304, G381-G389.	3.4	40
132	Downregulation of E Protein Activity Augments an ILC2 Differentiation Program in the Thymus. Journal of Immunology, 2017, 198, 3149-3156.	0.8	39
133	Ancylostoma ailuropodae n. sp. (Nematoda: Ancylostomatidae), a new hookworm parasite isolated from wild giant pandas in Southwest China. Parasites and Vectors, 2017, 10, 277.	2.5	38
134	Identification of key immune mediators regulating T helper 1 responses in swine. Veterinary Immunology and Immunopathology, 2004, 100, 105-111.	1.2	37
135	Differential Modulation of Allergic Eye Disease by Chronic and AcuteAscarisInfection. , 2005, 46, 2772.		37
136	Analysis of the Trichuris suis excretory/secretory proteins as a function of life cycle stage and their immunomodulatory properties. Scientific Reports, 2018, 8, 15921.	3.3	37
137	Deficiencies in Selenium and/or Vitamin E Lower the Resistance of Mice to Heligmosomoides polygyrus Infections. Journal of Nutrition, 2005, 135, 830-836.	2.9	36
138	Detection of Bifidobacterium animalis subsp. lactis (Bb12) in the Intestine after Feeding of Sows and Their Piglets. Applied and Environmental Microbiology, 2008, 74, 6338-6347.	3.1	36
139	Coinfection withHeligmosomoides polygyrusFails To Establish CD8⁺T-Cell Immunity againstToxoplasma gondii. Infection and Immunity, 2008, 76, 1305-1313.	2.2	34
140	IL-13 Receptor Î±2 Regulates the Immune and Functional Response to Nippostrongylus brasiliensis Infection. Journal of Immunology, 2009, 183, 1934-1939.	0.8	34
141	Helminth infection impairs the immunogenicity of a Plasmodium falciparum DNA vaccine, but not irradiated sporozoites, in mice. Vaccine, 2010, 28, 2917-2923.	3.8	33
142	Immune and inflammatory responses in pigs infected with Trichuris suis and Oesophagostomum dentatum. Veterinary Parasitology, 2015, 207, 249-258.	1.8	33
143	IL-25 or IL-17E Protects against High-Fat Dietâ€“Induced Hepatic Steatosis in Mice Dependent upon IL-13 Activation of STAT6. Journal of Immunology, 2015, 195, 4771-4780.	0.8	33
144	Up-regulation of gasdermin C in mouse small intestine is associated with lytic cell death in enterocytes in worm-induced type 2 immunity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33

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145	The effect of immunization of pigs with Ascaris suum cuticle components on the development of resistance to parenteral migration during a challenge infection. Veterinary Immunology and Immunopathology, 1994, 42, 161-169.	1.2	32
146	Role of Macrophages in the Altered Epithelial Function during a Type 2 Immune Response Induced by Enteric Nematode Infection. PLoS ONE, 2014, 9, e84763.	2.5	32
147	H. polygyrus:B7-Independence of the Secondary Type 2 Response. Experimental Parasitology, 1996, 84, 264-273.	1.2	31
148	Elevating Calcium in Th2 Cells Activates Multiple Pathways to Induce IL-4 Transcription and mRNA Stabilization. Journal of Immunology, 2008, 181, 3984-3993.	0.8	31
149	Comparative Nontargeted Profiling of Metabolic Changes in Tissues and Biofluids in High-Fat Diet-Fed Ossabaw Pig. Journal of Proteome Research, 2013, 12, 3980-3992.	3.7	31
150	Type 3 muscarinic receptors contribute to intestinal mucosal homeostasis and clearance of Nippostrongylus brasiliensis through induction of T_H2 cytokines. American Journal of Physiology - Renal Physiology, 2016, 311, G130-G141.	3.4	31
151	Simultaneous Deficiency in CD28 and STAT6 Results in Chronic Ectoparasite-Induced Inflammatory Skin Disease. Infection and Immunity, 2004, 72, 3706-3715.	2.2	30
152	SerpinB2 Is Critical to Th2 Immunity against Enteric Nematode Infection. Journal of Immunology, 2013, 190, 5779-5787.	0.8	30
153	Immunoglolulin E synthesis in parasite infection. Journal of Allergy and Clinical Immunology, 1976, 58, 523-538.	2.9	29
154	Induction of Ly-6A/E expression by murine lymphocytes after in vivo immunization is strictly dependent upon the action of IFN-Î±/Î² and /or IFN-Î³. International Immunology, 1991, 3, 845-852.	4.0	29
155	Intrinsic functional defects of type 2 innate lymphoid cells impair innate allergic inflammation in promyelocytic leukemia zinc finger (PLZF)â€“deficient mice. Journal of Allergy and Clinical Immunology, 2016, 137, 591-600.e1.	2.9	29
156	Impact of Micronutrients on the Immune Response of Animals. Annual Review of Animal Biosciences, 2018, 6, 227-254.	7.4	29
157	The Effect of Dietary Mushroom Agaricus bisporus on Intestinal Microbiota Composition and Host Immunological Function. Nutrients, 2018, 10, 1721.	4.1	28
158	Role of B7 signaling in the differentiation of naive CD4+ T cells to effector interleukin-4-producing T helper cells. Immunologic Research, 1995, 14, 176-188.	2.9	27
159	Impact of vitamin E or selenium deficiency on nematode-induced alterations in murine intestinal function. Experimental Parasitology, 2005, 109, 201-208.	1.2	27
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