Richard Maizels

List of Publications by Year
in descending order

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211 papers	22,159 citations	7096 78 h-index	10158 140 g-index
217 all docs	217 docs citations	217 times ranked	16084 citing authors

#	Article	IF	Citations
1	Immune Regulation by helminth parasites: cellular and molecular mechanisms. Nature Reviews Immunology, 2003, 3, 733-744.	22.7	975
2	Helminth parasites â€" masters of regulation. Immunological Reviews, 2004, 201, 89-116.	6.0	761
3	Intestinal epithelial tuft cells initiate type 2 mucosal immunity to helminth parasites. Nature, 2016, 529, 226-230.	27.8	706
4	Diversity and dialogue in immunity to helminths. Nature Reviews Immunology, 2011, 11, 375-388.	22.7	697
5	Exosomes secreted by nematode parasites transfer small RNAs to mammalian cells and modulate innate immunity. Nature Communications, 2014, 5, 5488.	12.8	640
6	Helminth immunoregulation: The role of parasite secreted proteins in modulating host immunity. Molecular and Biochemical Parasitology, 2009, 167, 1-11.	1.1	627
7	Suppression of allergic airway inflammation by helminth-induced regulatory T cells. Journal of Experimental Medicine, 2005, 202, 1199-1212.	8.5	568
8	Immunological modulation and evasion by helminth parasites in human populations. Nature, 1993, 365, 797-805.	27.8	519
9	Helminth secretions induce de novo T cell Foxp3 expression and regulatory function through the TGF-Î² pathway. Journal of Experimental Medicine, 2010, 207, 2331-2341.	8.5	437
10	Helminth Infections and Host Immune Regulation. Clinical Microbiology Reviews, 2012, 25, 585-608.	13.6	429
11	Regulation of the host immune system by helminth parasites. Journal of Allergy and Clinical Immunology, 2016, 138, 666-675.	2.9	409
12	IL-4 directly signals tissue-resident macrophages to proliferate beyond homeostatic levels controlled by CSF-1. Journal of Experimental Medicine, 2013, 210, 2477-2491.	8.5	337
13	Exosomes and Other Extracellular Vesicles: The New Communicators in Parasite Infections. Trends in Parasitology, 2015, 31, 477-489.	3.3	307
14	Modulation of Host Immunity by Helminths: The Expanding Repertoire of Parasite Effector Molecules. Immunity, 2018, 49, 801-818.	14.3	287
15	Human toxocariasis. Lancet Infectious Diseases, The, 2018, 18, e14-e24.	9.1	278
16	Immunomodulation by helminth parasites: Defining mechanisms and mediators. International Journal for Parasitology, 2013, 43, 301-310.	3.1	277
17	Removal of Regulatory T Cell Activity Reverses Hyporesponsiveness and Leads to Filarial Parasite Clearance In Vivo. Journal of Immunology, 2005, 174, 4924-4933.	0.8	270
18	CD11c depletion severely disrupts Th2 induction and development in vivo. Journal of Experimental Medicine, 2010, 207, 2089-2096.	8.5	253

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19	Commensal-pathogen interactions in the intestinal tract. Gut Microbes, 2014, 5, 522-532.	9.8	252
20	Chitinase and Fizz Family Members Are a Generalized Feature of Nematode Infection with Selective Upregulation of Ym1 and Fizz1 by Antigen-Presenting Cells. Infection and Immunity, 2005, 73, 385-394.	2.2	233
21	The secretome of the filarial parasite, Brugia malayi: Proteomic profile of adult excretoryâ€“secretory products. Molecular and Biochemical Parasitology, 2008, 160, 8-21.	1.1	231
22	Regulation of pathogenesis and immunity in helminth infections. Journal of Experimental Medicine, 2009, 206, 2059-2066.	8.5	218
23	Infections and allergy â€" helminths, hygiene and host immune regulation. Current Opinion in Immunology, 2005, 17, 656-661.	5.5	217
24	Bm-CPI-2, a cystatin homolog secreted by the filarial parasite Brugia malayi, inhibits class II MHC-restricted antigen processing. Current Biology, 2001, 11, 447-451.	3.9	208
25	Expansion and activation of CD4+CD25+ regulatory T cells in Heligmosomoides polygyrus infection. European Journal of Immunology, 2007, 37, 1874-1886.	2.9	198
26	Extracellular Vesicles from a Helminth Parasite Suppress Macrophage Activation and Constitute an Effective Vaccine for Protective Immunity. Cell Reports, 2017, 19, 1545-1557.	6.4	197
27	Alternatively activated macrophages induced by nematode infection inhibit proliferation via cell-to-cell contact. European Journal of Immunology, 2000, 30, 2669-2678.	2.9	196
28	Immunity to the model intestinal helminth parasite Heligmosomoides polygyrus. Seminars in Immunopathology, 2012, 34, 829-846.	6.1	193
29	Chitinase-like proteins promote IL-17-mediated neutrophilia in a tradeoff between nematode killing and host damage. Nature Immunology, 2014, 15, 1116-1125.	14.5	187
30	CCR7-dependent trafficking of RORÎ³+ ILCs creates a unique microenvironment within mucosal draining lymph nodes. Nature Communications, 2015, 6, 5862.	12.8	185
31	Susceptibility and immunity to helminth parasites. Current Opinion in Immunology, 2012, 24, 459-466.	5.5	174
32	Helminthâ€induced CD19⁺CD23^{hi} B cells modulate experimental allergic and autoimmune inflammation. European Journal of Immunology, 2010, 40, 1682-1696.	2.9	172
33	T cells in helminth infection: the regulators and the regulated. Trends in Immunology, 2012, 33, 181-189.	6.8	166
34	Identification of tgh-2, a Filarial Nematode Homolog of Caenorhabditis elegans daf-7 and Human Transforming Growth Factor Î², Expressed in Microfilarial and Adult Stages of Brugia malayi. Infection and Immunity, 2000, 68, 6402-6410.	2.2	159
35	A structurally distinct TGF-Î² mimic from an intestinal helminth parasite potently induces regulatory T cells. Nature Communications, 2017, 8, 1741.	12.8	159
36	Immune evasion genes from filarial nematodes. International Journal for Parasitology, 2001, 31, 889-898.	3.1	158

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37	Selective maturation of dendritic cells byNippostrongylus brasiliensis-secreted proteins drives Th2 immune responses. European Journal of Immunology, 2004, 34, 3047-3059.	2.9	156
38	Alarming dendritic cells for Th2 induction. Journal of Experimental Medicine, 2008, 205, 13-17.	8.5	156
39	Prostaglandin E ₂ constrains systemic inflammation through an innate lymphoid cellâ€“IL-22 axis. Science, 2016, 351, 1333-1338.	12.6	156
40	Cohabitation in the Intestine: Interactions among Helminth Parasites, Bacterial Microbiota, and Host Immunity. Journal of Immunology, 2015, 195, 4059-4066.	0.8	154
41	The Abundant Larval Transcript-1 and -2 Genes of Brugia malayi Encode Stage-Specific Candidate Vaccine Antigens for Filariasis. Infection and Immunity, 2000, 68, 4174-4179.	2.2	152
42	Regulation of allergy and autoimmunity in helminth infection. Clinical Reviews in Allergy and Immunology, 2004, 26, 35-50.	6.5	144
43	Immunology of Human Helminth Infection. International Archives of Allergy and Immunology, 1996, 109, 3-10.	2.1	143
44	A Macrophage-Pericyte Axis Directs Tissue Restoration via Amphiregulin-Induced Transforming Growth Factor Beta Activation. Immunity, 2019, 50, 645-654.e6.	14.3	141
45	Serine proteinase inhibitors from nematodes and the arms race between host and pathogen. Trends in Biochemical Sciences, 2001, 26, 191-197.	7.5	136
46	Proteomic analysis of secretory products from the model gastrointestinal nematode Heligmosomoides polygyrus reveals dominance of Venom Allergen-Like (VAL) proteins. Journal of Proteomics, 2011, 74, 1573-1594.	2.4	136
47	Proteins secreted by the parasitic nematodeNippostrongylus brasiliensis act as adjuvants for Th2 responses. European Journal of Immunology, 2000, 30, 1977-1987.	2.9	131
48	HpARI Protein Secreted by a Helminth Parasite Suppresses Interleukin-33. Immunity, 2017, 47, 739-751.e5.	14.3	130
49	Innate and adaptive type 2 immune cell responses in genetically controlled resistance to intestinal helminth infection. Immunology and Cell Biology, 2014, 92, 436-448.	2.3	128
50	Regulatory T cells in human geohelminth infection suppress immune responses to BCG and <i>Plasmodium falciparum</i>. European Journal of Immunology, 2010, 40, 437-442.	2.9	126
51	A<i>Brugia malayi</i>Homolog of Macrophage Migration Inhibitory Factor Reveals an Important Link Between Macrophages and Eosinophil Recruitment During Nematode Infection. Journal of Immunology, 2001, 167, 5348-5354.	0.8	121
52	ICOS controls Foxp3 + regulatory Tâ€cell expansion, maintenance and ILâ€10 production during helminth infection. European Journal of Immunology, 2013, 43, 705-715.	2.9	117
53	Early recruitment of natural CD4⁺Foxp3⁺ Treg cells by infective larvae determines the outcome of filarial infection. European Journal of Immunology, 2009, 39, 192-206.	2.9	114
54	CTLA-4 and CD4+CD25+ Regulatory T Cells Inhibit Protective Immunity to Filarial Parasites In Vivo. Journal of Immunology, 2007, 179, 4626-4634.	0.8	113

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55	Toxocara canis: Molecular basis of immune recognition and evasion. Veterinary Parasitology, 2013, 193, 365-374.	1.8	110
56	A novel C-type lectin secreted by a tissue-dwelling parasitic nematode. Current Biology, 1999, 9, 825-828.	3.9	109
57	Parasitic helminth infections and the control of human allergic and autoimmune disorders. Clinical Microbiology and Infection, 2016, 22, 481-486.	6.0	109
58	Nippostrongylus brasiliensis:Cytokine Responses and Nematode Expulsion in Normal and IL-4-Deficient Mice. Experimental Parasitology, 1996, 84, 65-73.	1.2	108
59	APC from mice harbouring the filarial nematode, Brugia malayi, prevent cellular proliferation but not cytokine production. International Immunology, 1996, 8, 143-151.	4.0	108
60	F4/80+ Alternatively Activated Macrophages Control CD4+ T Cell Hyporesponsiveness at Sites Peripheral to Filarial Infection. Journal of Immunology, 2006, 176, 6918-6927.	0.8	106
61	Immune modulation and modulators in Heligmosomoides polygyrus infection. Experimental Parasitology, 2012, 132, 76-89.	1.2	105
62	A New C-Type Lectin Similar to the Human Immunoreceptor DC-SIGN Mediates Symbiont Acquisition by a Marine Nematode. Applied and Environmental Microbiology, 2006, 72, 2950-2956.	3.1	104
63	Host parasite communicationsâ€"Messages from helminths for the immune system. Molecular and Biochemical Parasitology, 2016, 208, 33-40.	1.1	104
64	Vaccination against helminth parasite infections. Expert Review of Vaccines, 2014, 13, 473-487.	4.4	103
65	Homologues of Human Macrophage Migration Inhibitory Factor from a Parasitic Nematode. Journal of Biological Chemistry, 2002, 277, 44261-44267.	3.4	99
66	Regulatory T Cells in Infection. Advances in Immunology, 2011, 112, 73-136.	2.2	99
67	Immunological genomics ofBrugia malayi: filarial genes implicated in immune evasion and protective immunity. Parasite Immunology, 2001, 23, 327-344.	1.5	98
68	Regulation of immunity and allergy by helminth parasites. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 524-534.	5.7	98
69	A Novel Member of the Transforming Growth Factor-Î² (TGF-Î²) Superfamily from the Filarial NematodesBrugia malayiandB. pahangi. Experimental Parasitology, 1998, 88, 200-209.	1.2	97
70	Age-specific acquisition of immunity to infective larvae in a bancroftian filariasis endemic area of Papua New Guinea. Parasite Immunology, 1991, 13, 277-290.	1.5	96
71	Characterization of nematode glycoproteins: the major O-glycans of Toxocara excretory-secretory antigens are O-methylated trisaccharides. Glycobiology, 1991, 1, 163-171.	2.5	96
72	Depression of Antigen-Specific Interleukin-5 and Interferon-Î³ Responses in Human Lymphatic Filariasis as a Function of Clinical Status and Age. Journal of Infectious Diseases, 1997, 175, 1276-1280.	4.0	96

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73	Expansion of Foxp3+ Regulatory T Cells in Mice Infected with the Filarial Parasite Brugia malayi. Journal of Immunology, 2008, 181, 6456-6466.	0.8	95
74	Enteric helminth-induced type I interferon signaling protects against pulmonary virus infection through interaction with the microbiota. Journal of Allergy and Clinical Immunology, 2017, 140, 1068-1078.e6.	2.9	93
75	Fat-associated lymphoid clusters control local IgM secretion during pleural infection and lung inflammation. Nature Communications, 2016, 7, 12651.	12.8	92
76	Expression and immune recognition of Brugia malayi VAL-1, a homologue of vespid venom allergens and Ancylostoma secreted proteins. Molecular and Biochemical Parasitology, 2001, 118, 89-96.	1.1	91
77	An Abundant, trans-spliced mRNA from Toxocara canis Infective Larvae Encodes a 26-kDa Protein with Homology to Phosphatidylethanolamine-binding Proteins. Journal of Biological Chemistry, 1995, 270, 18517-18522.	3.4	88
78	Secreted Proteomes of Different Developmental Stages of the Gastrointestinal Nematode Nippostrongylus brasiliensis. Molecular and Cellular Proteomics, 2014, 13, 2736-2751.	3.8	88
79	A dominant role for the methyl-CpG-binding protein Mbd2 in controlling Th2 induction by dendritic cells. Nature Communications, 2015, 6, 6920.	12.8	87
80	Suppression of type 2 immunity and allergic airway inflammation by secreted products of the helminth <scp>H</scp>eligmosomoides polygyrus. European Journal of Immunology, 2012, 42, 2667-2682.	2.9	83
81	Epidermal Growth Factor Receptor Expression Licenses Type-2 Helper T Cells to Function in a T Cell Receptor-Independent Fashion. Immunity, 2017, 47, 710-722.e6.	14.3	82
82	A Family of Secreted Mucins from the Parasitic Nematode Toxocara canis Bears Diverse Mucin Domains but Shares Similar Flanking Six-cysteine Repeat Motifs. Journal of Biological Chemistry, 2000, 275, 39600-39607.	3.4	81
83	Filarial surface antigens: the major 29 kilodalton glycoprotein and a novel 17â€“200 kilodalton complex from adult Brugia malayi parasites. Molecular and Biochemical Parasitology, 1989, 32, 213-227.	1.1	80
84	Identification of Abundantly Expressed Novel and Conserved Genes from the Infective Larval Stage of<i>Toxocara canis</i>by an Expressed Sequence Tag Strategy. Infection and Immunity, 1999, 67, 4771-4779.	2.2	79
85	Differentially expressed, abundant trans-spliced cDNAs from larval Brugia malayi1Note: Nucleotide sequence data reported in this paper are available in the EMBL, GenBankâ„¢ and DDJB databases under the accession numbers U57547, U80971-U80980, U81008 and U84736.1. Molecular and Biochemical Parasitology, 1997, 87, 85-95.	1.1	78
86	Vaccination against helminth parasites - the ultimate challenge for vaccinologists?. Immunological Reviews, 1999, 171, 125-147.	6.0	77
87	Comparison of IgG-ELISA and IgG4-ELISA for Toxocara serodiagnosis. Acta Tropica, 2005, 93, 57-62.	2.0	77
88	Chronic Helminth Infection Promotes Immune Regulation In Vivo through Dominance of CD11cloCD103â^' Dendritic Cells. Journal of Immunology, 2011, 186, 7098-7109.	0.8	76
89	Biochemical properties of larval excretory-secretory glycoproteins of the parasitic nematode Toxocara canis. Molecular and Biochemical Parasitology, 1986, 18, 155-170.	1.1	75
90	TGF-Î² in tolerance, development and regulation of immunity. Cellular Immunology, 2016, 299, 14-22.	3.0	75

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91	Plasmalogen enrichment in exosomes secreted by a nematode parasite versus those derived from its mouse host: implications for exosome stability and biology. Journal of Extracellular Vesicles, 2016, 5, 30741.	12.2	74
92	Helminth-induced IL-4 expands bystander memory CD8+ T cells for early control of viral infection. Nature Communications, 2018, 9, 4516.	12.8	73
93	A Transcriptomic Analysis of Echinococcus granulosus Larval Stages: Implications for Parasite Biology and Host Adaptation. PLoS Neglected Tropical Diseases, 2012, 6, e1897.	3.0	72
94	MIF homologues from a filarial nematode parasite synergize with IL-4 to induce alternative activation of host macrophages. Journal of Leukocyte Biology, 2009, 85, 844-854.	3.3	71
95	Toxocara canis: genes expressed by the arrested infective larval stage of a parasitic nematode. International Journal for Parasitology, 2000, 30, 495-508.	3.1	70
96	T-Cell Regulation in Helminth Parasite Infections: Implications for Inflammatory Diseases. Chemical Immunology and Allergy, 2008, 94, 112-123.	1.7	70
97	ILâ€6 controls susceptibility to helminth infection by impeding Th2 responsiveness and altering the Treg phenotype in vivo. European Journal of Immunology, 2014, 44, 150-161.	2.9	70
98	Regulatory Tâ€cells in helminth infection: induction, function and therapeutic potential. Immunology, 2020, 160, 248-260.	4.4	69
99	Microbes and asthma: Opportunities for intervention. Journal of Allergy and Clinical Immunology, 2016, 137, 690-697.	2.9	68
100	Identification, synthesis and immunogenicity of cuticular collagens from the filarial nematodes Brugia malayi and Brugia pahangi. Molecular and Biochemical Parasitology, 1989, 32, 229-246.	1.1	67
101	Full-length-enriched cDNA libraries from Echinococcus granulosus contain separate populations of oligo-capped and trans-spliced transcripts and a high level of predicted signal peptide sequences. Molecular and Biochemical Parasitology, 2002, 122, 171-180.	1.1	67
102	Regulatory T Cells in Human Lymphatic Filariasis: Stronger Functional Activity in Microfilaremics. PLoS Neglected Tropical Diseases, 2012, 6, e1655.	3.0	63
103	Concerted Activity of IgG1 Antibodies and IL-4/IL-25-Dependent Effector Cells Trap Helminth Larvae in the Tissues following Vaccination with Defined Secreted Antigens, Providing Sterile Immunity to Challenge Infection. PLoS Pathogens, 2015, 11, e1004676.	4.7	62
104	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
105	The Serpin Secreted by<i>Brugia malayi</i>Microfilariae, Bm-SPN-2, Elicits Strong, but Short-Lived, Immune Responses in Mice and Humans. Journal of Immunology, 2000, 165, 5161-5169.	0.8	61
106	Bm-CPI-2, a cystatin from Brugia malayi nematode parasites, differs from Caenorhabditis elegans cystatins in a specific site mediating inhibition of the antigen-processing enzyme AEP. Molecular and Biochemical Parasitology, 2005, 139, 197-203.	1.1	61
107	A Pivotal Role for CD40-Mediated IL-6 Production by Dendritic Cells during IL-17 Induction In Vivo. Journal of Immunology, 2009, 182, 2808-2815.	0.8	61
108	Parasite immunity: Pathways for expelling intestinal helminths. Current Biology, 1998, 8, R711-R714.	3.9	59

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109	O-Methylated glycans from Toxocara are specific targets for antibody binding in human and animal infections. International Journal for Parasitology, 2007, 37, 97-109.	3.1	59
110	Cystatins from filarial parasites: Evolution, adaptation and function in the hostâ€“parasite relationshipâ˜†. International Journal of Biochemistry and Cell Biology, 2008, 40, 1389-1398.	2.8	59
111	Parasite immunomodulation and polymorphisms of the immune system. Journal of Biology, 2009, 8, 62.	2.7	59
112	Helminths in the gastrointestinal tract as modulators of immunity and pathology. American Journal of Physiology - Renal Physiology, 2017, 312, G537-G549.	3.4	56
113	Elevated levels of T cell activation antigen CD27 and increased interleukin-4 production in human lymphatic filariasis. European Journal of Immunology, 1993, 23, 3312-3317.	2.9	55
114	Type 2 Innate Immunity in Helminth Infection Is Induced Redundantly and Acts Autonomously following CD11c⁺Cell Depletion. Infection and Immunity, 2012, 80, 3481-3489.	2.2	54
115	Into the wild: digging at immunology's evolutionary roots. Nature Immunology, 2013, 14, 879-883.	14.5	52
116	Toxocara canis: Proteolytic enzymes secreted by the infective larvae in vitro. Experimental Parasitology, 1989, 69, 30-36.	1.2	51
117	Regulatory and Activated T Cells in Human Schistosoma haematobium Infections. PLoS ONE, 2011, 6, e16860.	2.5	51
118	Helminth extracellular vesicles: Interactions with the host immune system. Molecular Immunology, 2021, 137, 124-133.	2.2	51
119	Surface antigens of a filarial nematode: analysis of adult Brugia pahangi surface components and their use in monoclonal antibody production. Molecular and Biochemical Parasitology, 1985, 15, 203-210.	1.1	50
120	Secretory acetylcholinesterases from Brugia malayi adult and microfilarial parasites. Molecular and Biochemical Parasitology, 1987, 26, 257-265.	1.1	49
121	Secretion of Protective Antigens by Tissue-Stage Nematode Larvae Revealed by Proteomic Analysis and Vaccination-Induced Sterile Immunity. PLoS Pathogens, 2013, 9, e1003492.	4.7	49
122	The antibody recognition profiles of humans naturally infected with <i>Ascaris lumbricoides</i>. Parasite Immunology, 1989, 11, 615-627.	1.5	47
123	Characterisation of Tc-cpl-1, a cathepsin L-like cysteine protease from Toxocara canis infective larvae1Note: Nucleotide sequence data reported here are available in GenBank database under the accession number U53172.1. Molecular and Biochemical Parasitology, 1998, 92, 275-289.	1.1	46
124	Heligmosomoides polygyrus Elicits a Dominant Nonprotective Antibody Response Directed against Restricted Glycan and Peptide Epitopes. Journal of Immunology, 2011, 187, 4764-4777.	0.8	46
125	Secreted and circulating antigens of the filarial parasite Brugia pahangi: Analysis of in vitro released components and detection of parasite products in vivo. Molecular and Biochemical Parasitology, 1985, 17, 277-288.	1.1	44
126	Analyzing Airway Inflammation with Chemical Biology: Dissection of Acidic Mammalian Chitinase Function with a Selective Drug-like Inhibitor. Chemistry and Biology, 2011, 18, 569-579.	6.0	44

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127	Prostaglandin E ₂ promotes intestinal inflammation via inhibiting microbiota-dependent regulatory T cells. Science Advances, 2021, 7, .	10.3	44
128	Cuticular localisation and turnover of the major surface glycoprotein (gp29) of adult Brugia malayi. Molecular and Biochemical Parasitology, 1990, 42, 31-43.	1.1	43
129	Organoids â€“ New Models for Hostâ€“Helminth Interactions. Trends in Parasitology, 2020, 36, 170-181.	3.3	43
130	Comparisons of Allergenic and Metazoan Parasite Proteins: Allergy the Price of Immunity. PLoS Computational Biology, 2015, 11, e1004546.	3.2	43
131	IL-4R signaling is required to induce IL-10 for the establishment of Th2 dominance. International Immunology, 2006, 18, 1421-1431.	4.0	42
132	C-type lectins from the nematode parasites Heligmosomoides polygyrus and Nippostrongylus brasiliensis. Parasitology International, 2009, 58, 461-470.	1.3	42
133	Antibodies and IL-3 support helminth-induced basophil expansion. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14954-14959.	7.1	42
134	Schistosome Infection Intensity Is Inversely Related to Auto-Reactive Antibody Levels. PLoS ONE, 2011, 6, e19149.	2.5	41
135	Secreted venom allergen-like proteins of helminths: Conserved modulators of host responses in animals and plants. PLoS Pathogens, 2018, 14, e1007300.	4.7	41
136	Heterologous expression of the filarial nematode alt gene products reveals their potential to inhibit immune function. BMC Biology, 2005, 3, 8.	3.8	40
137	Intestinal epithelial tuft cell induction is negated by a murine helminth and its secreted products. Journal of Experimental Medicine, 2022, 219, .	8.5	40
138	Macrophage origin limits functional plasticity in helminth-bacterial co-infection. PLoS Pathogens, 2017, 13, e1006233.	4.7	39
139	TGF-Î² mimic proteins form an extended gene family in the murine parasite Heligmosomoides polygyrus. International Journal for Parasitology, 2018, 48, 379-385.	3.1	39
140	Extracellular vesicles: new targets for vaccines against helminth parasites. International Journal for Parasitology, 2020, 50, 623-633.	3.1	39
141	Specific T cell unresponsiveness in human filariasis: diversity in underlying mechanisms. Parasite Immunology, 1995, 17, 587-594.	1.5	38
142	Allergy challenged. Nature, 2012, 484, 458-459.	27.8	37
143	Intestinal helminth infection drives carcinogenesis in colitis-associated colon cancer. PLoS Pathogens, 2017, 13, e1006649.	4.7	37
144	In Th2-biased lymphatic filarial patients, responses to purified protein derivative ofMycobacterium tuberculosis remain Th1. European Journal of Immunology, 1996, 26, 501-504.	2.9	36

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145	Abundant larval transcript-1 and -2 genes from Brugia malayi: diversity of genomic environments but conservation of 5â€² promoter sequences functional in Caenorhabditis elegans. Molecular and Biochemical Parasitology, 2002, 125, 59-71.	1.1	35
146	MyD88 Signaling Inhibits Protective Immunity to the Gastrointestinal Helminth Parasite <i>Heligmosomoides polygyrus</i>. Journal of Immunology, 2014, 193, 2984-2993.	0.8	34
147	Helminths and Immunological Tolerance. Transplantation, 2014, 97, 127-132.	1.0	34
148	HLA-DQ Alleles Associate with Cutaneous Features of Onchocerciasis. Human Immunology, 1997, 55, 46-52.	2.4	33
149	A Family of Diverse Kunitz Inhibitors from Echinococcus granulosus Potentially Involved in Host-Parasite Cross-Talk. PLoS ONE, 2009, 4, e7009.	2.5	33
150	Antibody responses to filarial infective larvae are not dominated by the IgG4 isotype. Parasite Immunology, 1998, 20, 9-17.	1.5	32
151	Lymphatic filariasis and Brugia timori: prospects for elimination. Trends in Parasitology, 2004, 20, 351-355.	3.3	32
152	ILâ€33 delivery induces serous cavity macrophage proliferation independent of interleukinâ€4 receptor alpha. European Journal of Immunology, 2016, 46, 2311-2321.	2.9	31
153	The yin and yang of human soil-transmitted helminth infections. International Journal for Parasitology, 2021, 51, 1243-1253.	3.1	31
154	Cutting Edge: In the Absence of TGF-Î² Signaling in T Cells, Fewer CD103+ Regulatory T Cells Develop, but Exuberant IFN-Î³ Production Renders Mice More Susceptible to Helminth Infection. Journal of Immunology, 2012, 189, 1113-1117.	0.8	30
155	Immunity and the prospects for vaccination against filariasis. Immunobiology, 1992, 184, 263-281.	1.9	29
156	Concerted IL-25R and IL-4RÎ± signaling drive innate type 2 effector immunity for optimal helminth expulsion. ELife, 2018, 7, .	6.0	29
157	Resistance to Helminth Infection: The Case for Interleukinâ€5â€"Dependent Mechanisms. Journal of Infectious Diseases, 2004, 190, 427-429.	4.0	27
158	Macrophage Migration Inhibitory Factor (MIF) Is Essential for Type 2 Effector Cell Immunity to an Intestinal Helminth Parasite. Frontiers in Immunology, 2019, 10, 2375.	4.8	26
159	Ascaris suum-Derived Products Induce Human Neutrophil Activation via a G Protein-Coupled Receptor That Interacts with the Interleukin-8 Receptor Pathway. Infection and Immunity, 2001, 69, 4007-4018.	2.2	25
160	Dynamics of CD11c+ dendritic cell subsets in lymph nodes draining the site of intestinal nematode infection. Immunology Letters, 2009, 127, 68-75.	2.5	25
161	Known Allergen Structures Predict Schistosoma mansoni IgE-Binding Antigens in Human Infection. Frontiers in Immunology, 2015, 6, 26.	4.8	25
162	BMP signaling in the intestinal epithelium drives a critical feedback loop to restrain IL-13â€"driven tuft cell hyperplasia. Science Immunology, 2022, 7, eabl6543.	11.9	24

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