

Derek M Mckay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2661675/publications.pdf>

Version: 2024-02-01

150
papers

6,041
citations

61857

43
h-index

85405

71
g-index

151
all docs

151
docs citations

151
times ranked

6589
citing authors

#	ARTICLE	IF	CITATIONS
1	Crohn's disease therapeutic dietary intervention (CD-TDI): study protocol for a randomised controlled trial. <i>BMJ Open Gastroenterology</i> , 2022, 9, e000841.	1.1	0
2	A181 INFECTION WITH THE RAT TAPEWORM <i>HYMENOLEPIS DIMINUTA</i> REVEALS AN INTERLEUKIN-4 INDEPENDENT TUFT CELL ASSOCIATED WITH PEYER'S PATCHES. <i>Journal of the Canadian Association of Gastroenterology</i> , 2022, 5, 63-64.	0.1	0
3	A56 TUFT CELL RESPONSES DURING ACUTE- AND LATE-STAGE <i>GIARDIA</i> INFECTION. <i>Journal of the Canadian Association of Gastroenterology</i> , 2022, 5, 64-65.	0.1	0
4	A232 TUFT CELLS COORDINATE RAPID EXPULSION OF THE TAPEWORM <i>H. DIMINUTA</i> BUT ARE NOT REQUIRED FOR ENHANCED IMMUNITY AGAINST THE NEMATODE, <i>H. POLYGYRUS</i> , IN MICE PREVIOUSLY INFECTED WITH <i>H. DIMINUTA</i> . <i>Journal of the Canadian Association of Gastroenterology</i> , 2022, 5, 123-124.	0.1	0
5	A55 INTERLEUKIN-10 ELICITS CYTOPROTECTION VIA MITOCHONDRIAL SIGNAL TRANSDUCER AND ACTIVATORS OF TRANSCRIPTION 3 (MTSTAT3) TO PREVENT BACTERIAL PATHOBIONT EVOKED MITOCHONDRIAL FRAGMENTATION IN GUT EPITHELIA. <i>Journal of the Canadian Association of Gastroenterology</i> , 2022, 5, 63-64.	0.1	0
6	Impact of experimental colitis on mitochondrial bioenergetics in intestinal epithelial cells. <i>Scientific Reports</i> , 2022, 12, 7453.	1.6	2
7	The Interplay Between Enteric Tuft Cell Responses and <i>Giardia</i> Colonization. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
8	Crohn's Disease Pathobiont Adherent-Invasive <i>E. coli</i> Disrupts Epithelial Mitochondrial Networks With Implications for Gut Permeability. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 551-571.	2.3	23
9	Epithelial production of elastase is increased in inflammatory bowel disease and causes mucosal inflammation. <i>Mucosal Immunology</i> , 2021, 14, 667-678.	2.7	17
10	Commensal Bacteria Derived Metabolite Butyrate Restores the Epithelial Mitochondrial Network Disrupted by the Crohn's Disease-Associated Pathobiont Adherent Invasive <i>E. coli</i> Infection. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
11	Infection with <i>Hymenolepis diminuta</i> Blocks Colitis and Hastens Recovery While Colitis Has Minimal Impact on Expulsion of the Cestode from the Mouse Host. <i>Pathogens</i> , 2021, 10, 994.	1.2	3
12	Cooperation between host immunity and the gut bacteria is essential for helminth-evoked suppression of colitis. <i>Microbiome</i> , 2021, 9, 186.	4.9	28
13	Enteric Tuft Cells in Host-Parasite Interactions. <i>Pathogens</i> , 2021, 10, 1163.	1.2	11
14	Interleukin-4 Programmed Macrophages Suppress Colitis and Do Not Enhance Infectious-Colitis, Inflammation-Associated Colon Cancer or Airway Hypersensitivity. <i>Frontiers in Immunology</i> , 2021, 12, 744738.	2.2	3
15	Enhanced <i>E. coli</i> LF82 Translocation through the Follicle-associated Epithelium in Crohn's Disease is Dependent on Long Polar Fimbriae and CEACAM6 expression, and Increases Paracellular Permeability. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 216-229.	0.6	21
16	A263 MICE CHALLENGED WITH DNBS FOUR DAYS AFTER INFECTION WITH THE RAT TAPEWORM <i>HYMENOLEPIS DIMINUTA</i> ARE PROTECTED FROM COLITIS. <i>Journal of the Canadian Association of Gastroenterology</i> , 2020, 3, 140-141.	0.1	0
17	Cathelicidin-mediated lipopolysaccharide signaling via intracellular TLR4 in colonic epithelial cells evokes CXCL8 production. <i>Gut Microbes</i> , 2020, 12, 1785802.	4.3	17
18	Brain TNF drives post-inflammation depression-like behavior and persistent pain in experimental arthritis. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 224-232.	2.0	17

#	ARTICLE	IF	CITATIONS
19	Human interleukin-4-treated regulatory macrophages promote epithelial wound healing and reduce colitis in a mouse model. <i>Science Advances</i> , 2020, 6, eaba4376.	4.7	46
20	Perturbed mitochondrial dynamics, an emerging aspect of epithelial-microbe interactions. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G748-G762.	1.6	14
21	Worm expulsion is independent of alterations in composition of the colonic bacteria that occur during experimental <i>Hymenolepis diminuta</i> infection in mice. <i>Gut Microbes</i> , 2020, 11, 497-510.	4.3	11
22	Perturbed Mitochondrial Dynamics Is a Novel Feature of Colitis That Can Be Targeted to Lessen Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 287-307.	2.3	43
23	A47 ENTERIC TUFT CELL HYPERPLASIA FOLLOWING INFECTION WITH THE TAPEWORM HYMENOLEPIS DIMINUTA IS AFFECTED BY NEURONAL BUT NOT BACTERIAL FACTORS. <i>Journal of the Canadian Association of Gastroenterology</i> , 2020, 3, 55-56.	0.1	0
24	Acceptance of the 2020 Clark P. Read Mentor Award: Prioritize Open Bidirectional Communication. <i>Journal of Parasitology</i> , 2020, 106, 871-874.	0.3	0
25	A155 THE IMMUNOMODULATOR, LEFLUNOMIDE, REDUCES MITOCHONDRIAL FRAGMENTATION CAUSED BY ADHERENT INVASIVE E. COLI AND PERSISTENCE OF THE PATHOBIONT WITHIN ENTERIC EPITHELIA. <i>Journal of the Canadian Association of Gastroenterology</i> , 2019, 2, 307-308.	0.1	0
26	Macrophages treated with antigen from the tapeworm <i>Hymenolepis diminuta</i> condition CD25 ⁺ T cells to suppress colitis. <i>FASEB Journal</i> , 2019, 33, 5676-5689.	0.2	8
27	Rethinking Graduate Education in Parasitology: A Case Study. <i>Trends in Parasitology</i> , 2019, 35, 665-668.	1.5	2
28	A Dual Role for Macrophages in Modulating Lung Tissue Damage/Repair during L2 <i>Toxocara canis</i> Infection. <i>Pathogens</i> , 2019, 8, 280.	1.2	12
29	A Trypsin-Sensitive Proteoglycan from the Tapeworm <i>Hymenolepis diminuta</i> Inhibits Murine Neutrophil Chemotaxis in vitro by Suppressing p38 MAP Kinase Activation. <i>Journal of Innate Immunity</i> , 2019, 11, 136-149.	1.8	6
30	Infliximab restores colonic barrier to adherent-invasive <i>E. coli</i> in Crohn's disease via effects on epithelial lipid rafts. <i>Scandinavian Journal of Gastroenterology</i> , 2018, 53, 677-684.	0.6	17
31	ER-stress mobilization of death-associated protein kinase-1-dependent xenophagy counteracts mitochondria stress-induced epithelial barrier dysfunction. <i>Journal of Biological Chemistry</i> , 2018, 293, 3073-3087.	1.6	35
32	A99 SYSTEMIC DELIVERY OF AN INHIBITOR OF MITOCHONDRIAL FISSION REDUCES THE SEVRITY OF CHEMICALLY-INDUCED COLITIS IN MICE. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018, 1, 172-172.	0.1	0
33	A289 THE CROHN'S DISEASE-ASSOCIATED ADHERENT-INVASIVE E. COLI INDUCES MITOCHONDRIAL FRAGMENTATION IN ENTERIC EPITHELIUM THAT IS NOT DEPENDENT ON BACTERIAL SOLUBLE PRODUCTS OR MITOCHONDRIAL REACTIVE OXYGEN SPECIES. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018, 1, 501-502.	0.1	0
34	A96 MACROPHAGES DERIVED FROM BLOOD MONOCYTES OF PATIENTS WITH IBD TREATED WITH IL-4 ARE DEFECTIVE IN THEIR CAPACITY TO PROMOTE EPITHELIAL WOUND REPAIR IN VITRO. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018, 1, 143-143.	0.1	0
35	A77 TAPEWORM PARASITE HYMENOLEPIS DIMINUTA PROTECTS YOUNG MICE FROM EXPERIMENTAL COLITIS BY A RECALL MEMORY RESPONSE WITH WORM ANTIGEN. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018, 1, 121-121.	0.1	0
36	A90 EARLY LIFE INFECTION OF MICE WITH THE TAPEWORM PARASITE HYMENOLEPIS DIMINUTA PROTECTS AGAINST DNBS-INDUCED COLITIS. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018, 1, 157-157.	0.1	0

#	ARTICLE	IF	CITATIONS
37	A166 THE LONG-LIVED ANTI-COLITIC EFFECT OF ADOPTIVE TRANSFER OF INTERLEUKIN-4 EDUCATED MACROPHAGES. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018, 1, 249-249.	0.1	0
38	A273 THE CROHN'S DISEASE-ASSOCIATED PATHOBIONT ADHERENT-INVASIVE E. COLI (AIEC) INDUCES MITOCHONDRIAL FISSION IN EPITHELIAL CELLS IN ADVANCE OF APOPTOSIS. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018, 1, 394-395.	0.1	1
39	Mast cell deficiency in mice results in biomass overgrowth and delayed expulsion of the rat tapeworm <i>Hymenolepis diminuta</i> . <i>Bioscience Reports</i> , 2018, 38, .	1.1	8
40	Itch induced by peripheral mu opioid receptors is dependent on TRPV1-expressing neurons and alleviated by channel activation. <i>Scientific Reports</i> , 2018, 8, 15551.	1.6	27
41	Young mice expel the tapeworm <i>Hymenolepis diminuta</i> and are protected from colitis by triggering a memory response with worm antigen. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G461-G470.	1.6	9
42	Modulation of the immune response by helminths: a role for serotonin?. <i>Bioscience Reports</i> , 2018, 38, .	1.1	19
43	A290 THE ATF6 ARM OF ER STRESS ANTAGONIZES METABOLIC STRESS-INDUCED DECREASES IN EPITHELIAL BARRIER FUNCTION TO COMMENSAL BACTERIA BY PROMOTING XENOPHAGY. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018, 1, 503-504.	0.1	0
44	Neuroimmunophysiology of the gut: advances and emerging concepts focusing on the epithelium. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 765-784.	8.2	82
45	Reduced intestinal epithelial mitochondrial function enhances in vitro interleukin-8 production in response to commensal <i>Escherichia coli</i> . <i>Inflammation Research</i> , 2018, 67, 829-837.	1.6	19
46	Helminth Antigen-Conditioned Dendritic Cells Generate Anti-Inflammatory Cd4 T Cells Independent of Antigen Presentation via Major Histocompatibility Complex Class II. <i>American Journal of Pathology</i> , 2018, 188, 2589-2604.	1.9	7
47	Inhibition of Pathological Mitochondrial Fission Restores DSS Associated Respiratory Impairments in an Intestinal Epithelial Cell Line. <i>FASEB Journal</i> , 2018, 32, 618.4.	0.2	0
48	A Novel Mitochondrial Fission Inhibitor Ameliorates DSS and DNBS Induced Murine Colitis. <i>FASEB Journal</i> , 2018, 32, 871.4.	0.2	1
49	Suppression of colitis by adoptive transfer of helminth antigen-treated dendritic cells requires interleukin-4 receptor- β signaling. <i>Scientific Reports</i> , 2017, 7, 40631.	1.6	22
50	Helminths and intestinal barrier function. <i>Tissue Barriers</i> , 2017, 5, e1283385.	1.6	42
51	Absence of the NOD2 protein renders epithelia more susceptible to barrier dysfunction due to mitochondrial dysfunction. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G26-G38.	1.6	32
52	A Gut Microbial Mimic that Hijacks Diabetogenic Autoreactivity to Suppress Colitis. <i>Cell</i> , 2017, 171, 655-667.e17.	13.5	106
53	Triggering immunological memory against the tapeworm <i>Hymenolepis diminuta</i> to protect against colitis. <i>Parasite Immunology</i> , 2017, 39, e12490.	0.7	7
54	A simple, cost-effective method for generating murine colonic 3D enteroids and 2D monolayers for studies of primary epithelial cell function. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G467-G475.	1.6	34

#	ARTICLE	IF	CITATIONS
55	Species dependent impact of helminth-derived antigens on human macrophages infected with <i>Mycobacterium tuberculosis</i> : Direct effect on the innate anti-mycobacterial response. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005390.	1.3	30
56	IL-22 Restrains Tapeworm-Mediated Protection against Experimental Colitis via Regulation of IL-25 Expression. <i>PLoS Pathogens</i> , 2016, 12, e1005481.	2.1	34
57	Bidirectional crosstalk via IL-6, PGE ₂ and PGD ₂ between murine myofibroblasts and alternatively activated macrophages enhances anti-inflammatory phenotype in both cells. <i>British Journal of Pharmacology</i> , 2016, 173, 899-912.	2.7	36
58	Involvement of Mast Cells in γ 7 Nicotinic Receptor Agonist Exacerbation of Freund's Complete Adjuvant-Induced Monoarthritis in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 542-552.	2.9	18
59	Treatment with Cestode Parasite Antigens Results in Recruitment of CCR2 ⁺ Myeloid Cells, the Adoptive Transfer of Which Ameliorates Colitis. <i>Infection and Immunity</i> , 2016, 84, 3471-3483.	1.0	29
60	Helminth Regulation of Immunity. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2499-2512.	0.9	31
61	Butyrate enhances antibacterial effects while suppressing other features of alternative activation in IL-4-induced macrophages. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G822-G831.	1.6	44
62	Adoptive transfer of helminth antigen-pulsed dendritic cells protects against the development of experimental colitis in mice. <i>European Journal of Immunology</i> , 2015, 45, 3126-3139.	1.6	43
63	Cryopreserved Interleukin-4-Treated Macrophages Attenuate Murine Colitis in an Integrin β 7-Dependent Manner. <i>Molecular Medicine</i> , 2015, 21, 924-936.	1.9	17
64	Enteric epithelial cells support growth of <i>Hymenolepis diminuta</i> in vitro and trigger TH2-promoting events in a species-specific manner. <i>International Journal for Parasitology</i> , 2015, 45, 691-696.	1.3	12
65	The Src kinase Fyn is protective in acute chemical-induced colitis and promotes recovery from disease. <i>Journal of Leukocyte Biology</i> , 2015, 97, 1089-1099.	1.5	8
66	Splenic B Cells from <i>Hymenolepis diminuta</i> -Infected Mice Ameliorate Colitis Independent of T Cells and via Cooperation with Macrophages. <i>Journal of Immunology</i> , 2015, 194, 364-378.	0.4	51
67	Not all parasites are protective. <i>Parasite Immunology</i> , 2015, 37, 324-332.	0.7	22
68	Targeting Mitochondria-Derived Reactive Oxygen Species to Reduce Epithelial Barrier Dysfunction and Colitis. <i>American Journal of Pathology</i> , 2014, 184, 2516-2527.	1.9	134
69	Interleukin-6 and cyclooxygenase-2 mediate myofibroblast-induced polarization of alternatively activated macrophages (734.9). <i>FASEB Journal</i> , 2014, 28, 734.9.	0.2	0
70	Role of adaptive immune cells in the anti-colitic effect of helminth antigen-pulsed dendritic cells (650.17). <i>FASEB Journal</i> , 2014, 28, 650.17.	0.2	0
71	Bone marrow-derived alternatively activated macrophages reduce colitis without promoting fibrosis: participation of IL-10. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, G781-G792.	1.6	49
72	Cestode regulation of inflammation and inflammatory diseases. <i>International Journal for Parasitology</i> , 2013, 43, 233-243.	1.3	43

#	ARTICLE	IF	CITATIONS
73	Murine autoimmune arthritis is exaggerated by infection with the rat tapeworm, <i>Hymenolepis diminuta</i> . <i>International Journal for Parasitology</i> , 2013, 43, 593-601.	1.3	36
74	K/BxN α -induced poly α erthritis is exacerbated by infection with the intestinal helminth parasite <i>Hymenolepis diminuta</i> ; possible involvement of complement and mast cells. <i>FASEB Journal</i> , 2013, 27, 648.9.	0.2	0
75	Indomethacin-induced translocation of bacteria across enteric epithelia is reactive oxygen species-dependent and reduced by vitamin C. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G536-G545.	1.6	22
76	Interferon γ signals via an ERK1/2 \rightarrow ARF6 pathway to promote bacterial internalization by gut epithelia. <i>Cellular Microbiology</i> , 2012, 14, 1257-1270.	1.1	26
77	Reduced Surface Expression of Epithelial E-Cadherin Evoked by Interferon-Gamma Is Fyn Kinase-Dependent. <i>PLoS ONE</i> , 2012, 7, e38441.	1.1	35
78	Aspirin-triggered lipoxin enhances macrophage phagocytosis of bacteria while inhibiting inflammatory cytokine production. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G487-G497.	1.6	48
79	Eosinophils Express Muscarinic Receptors and Corticotropin-Releasing Factor to Disrupt the Mucosal Barrier in Ulcerative Colitis. <i>Gastroenterology</i> , 2011, 140, 1597-1607.	0.6	68
80	Apoptosis-inducing factor contributes to epithelial cell apoptosis induced by enteropathogenic <i>Escherichia coli</i> . <i>Canadian Journal of Physiology and Pharmacology</i> , 2011, 89, 143-148.	0.7	10
81	Interferon- β -induced increases in intestinal epithelial macromolecular permeability requires the Src kinase Fyn. <i>Laboratory Investigation</i> , 2011, 91, 764-777.	1.7	59
82	Is metabolic stress a common denominator in inflammatory bowel disease?. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 2008-2018.	0.9	25
83	Infection with an intestinal helminth parasite reduces Freund's complete adjuvant α -induced monoarthritis in mice. <i>Arthritis and Rheumatism</i> , 2011, 63, 434-444.	6.7	46
84	Helminth Parasites and the Modulation of Joint Inflammation. <i>Journal of Parasitology Research</i> , 2011, 2011, 1-8.	0.5	49
85	Enhanced translocation of bacteria across metabolically stressed epithelia is reduced by butyrate α . <i>Inflammatory Bowel Diseases</i> , 2010, 16, 1138-1148.	0.9	243
86	The immune response to and immunomodulation by <i>Hymenolepis diminuta</i> . <i>Parasitology</i> , 2010, 137, 385-394.	0.7	45
87	Infection with <i>Hymenolepis diminuta</i> More Effective than Daily Corticosteroids in Blocking Chemically Induced Colitis in Mice. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-7.	3.0	49
88	Extracts of the Rat Tapeworm, <i>Hymenolepis diminuta</i> , Suppress Macrophage Activation <i>In Vitro</i> and Alleviate Chemically Induced Colitis in Mice. <i>Infection and Immunity</i> , 2010, 78, 1364-1375.	1.0	93
89	<i>In Vitro</i> -Derived Alternatively Activated Macrophages Reduce Colonic Inflammation in Mice. <i>Gastroenterology</i> , 2010, 138, 1395-1405.	0.6	280
90	Antisecretory effects of neuropeptide Y in the mouse colon are region-specific and are lost in DSS-induced colitis. <i>Regulatory Peptides</i> , 2010, 165, 138-145.	1.9	13

#	ARTICLE	IF	CITATIONS
91	Exacerbation of Oxazolone Colitis by Infection with the Helminth <i>Hymenolepis diminuta</i> . <i>American Journal of Pathology</i> , 2010, 177, 2850-2859.	1.9	36
92	Interferon- β Regulation of Intestinal Epithelial Permeability. <i>Journal of Interferon and Cytokine Research</i> , 2009, 29, 133-144.	0.5	91
93	The therapeutic helminth?. <i>Trends in Parasitology</i> , 2009, 25, 109-114.	1.5	73
94	Metabolic Stress Evokes Decreases in Epithelial Barrier Function. <i>Annals of the New York Academy of Sciences</i> , 2009, 1165, 327-337.	1.8	32
95	Loss of Ca^{2+} -mediated ion transport during colitis correlates with reduced ion transport responses to a Ca^{2+} -activated K^{+} channel opener. <i>British Journal of Pharmacology</i> , 2009, 156, 1085-1097.	2.7	25
96	Parasitic helminths: a pharmacopeia of anti-inflammatory molecules. <i>Parasitology</i> , 2009, 136, 125-147.	0.7	93
97	Acetic Acid Induced Ulceration in Rats Is Not Affected by Infection with <i>Hymenolepis diminuta</i> . <i>Journal of Parasitology</i> , 2009, 95, 481-482.	0.3	8
98	Transient Local Depletion of Foxp3+ Regulatory T Cells during Recovery from Colitis via Fas/Fas Ligand-Induced Death. <i>Journal of Immunology</i> , 2008, 180, 8316-8326.	0.4	37
99	Decreased epithelial barrier function evoked by exposure to metabolic stress and nonpathogenic <i>E. coli</i> is enhanced by TNF- α . <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G669-G678.	1.6	34
100	Gliadin-dependent neuromuscular and epithelial secretory responses in gluten-sensitive HLA-DQ8 transgenic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G217-G225.	1.6	108
101	Systemic delivery of a crude extract of the tapeworm, <i>Hymenolepis diminuta</i> , exerts an anti-inflammatory effect in a murine model of colitis. <i>FASEB Journal</i> , 2008, 22, 852.16.	0.2	0
102	Ion transport deficits observed during colitis are associated with functional inhibition, but not decreased expression, of IK Ca channels - possible involvement of PKC. <i>FASEB Journal</i> , 2008, 22, .	0.2	0
103	Phosphatidylinositol 3-Kinase Is a Critical Mediator of Interferon- β -Induced Increases in Enteric Epithelial Permeability. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 1013-1022.	1.3	48
104	Helminth Infection Enhances Disease in a Murine TH2 Model of Colitis. <i>Gastroenterology</i> , 2007, 132, 1320-1330.	0.6	68
105	Characterization of the immuno-regulatory response to the tapeworm <i>Hymenolepis diminuta</i> in the non-permissive mouse host. <i>International Journal for Parasitology</i> , 2007, 37, 393-403.	1.3	40
106	The beneficial helminth parasite?. <i>Parasitology</i> , 2006, 132, 1-12.	0.7	94
107	M3 muscarinic receptor-deficient mice retain bethanechol-mediated intestinal ion transport and are more sensitive to colitis. <i>Canadian Journal of Physiology and Pharmacology</i> , 2006, 84, 1153-1161.	0.7	22
108	Cholinergic regulation of epithelial ion transport in the mammalian intestine. <i>British Journal of Pharmacology</i> , 2006, 149, 463-479.	2.7	113

#	ARTICLE	IF	CITATIONS
109	Enterocyte Cytoskeleton Changes Are Crucial for Enhanced Translocation of Nonpathogenic <i>Escherichia coli</i> across Metabolically Stressed Gut Epithelia. <i>Infection and Immunity</i> , 2006, 74, 192-201.	1.0	54
110	Immune modulation by a high molecular weight fraction from the rat tapeworm <i>Hymenolepis diminuta</i> . <i>Parasitology</i> , 2005, 130, 575-585.	0.7	30
111	Novel effects of the prototype translocating <i>Escherichia coli</i> , strain C25 on intestinal epithelial structure and barrier function. <i>Cellular Microbiology</i> , 2005, 7, 1782-1797.	1.1	59
112	Neutralizing Anti-IL-10 Antibody Blocks the Protective Effect of Tapeworm Infection in a Murine Model of Chemically Induced Colitis. <i>Journal of Immunology</i> , 2005, 174, 7368-7375.	0.4	148
113	Transforming Growth Factor- β 2 Regulation of Epithelial Tight Junction Proteins Enhances Barrier Function and Blocks Enterohemorrhagic <i>Escherichia coli</i> O157:H7-Induced Increased Permeability. <i>American Journal of Pathology</i> , 2005, 167, 1587-1597.	1.9	196
114	A new hypotensive polyunsaturated fatty acid dietary combination regulates oleic acid accumulation by suppression of stearoyl CoA desaturase 1 gene expression in the SHR model of genetic hypertension. <i>FASEB Journal</i> , 2004, 18, 773-775.	0.2	98
115	Increased epithelial uptake of protein antigens in the ileum of Crohn's disease mediated by tumour necrosis factor α . <i>Gut</i> , 2004, 53, 1817-1824.	6.1	137
116	Green tea polyphenol (α)-epigallocatechin gallate blocks epithelial barrier dysfunction provoked by IFN- γ but not by IL-4. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G954-G961.	1.6	76
117	Dextran sodium sulfate-induced colitis reveals nicotinic modulation of ion transport via iNOS-derived NO. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G706-G714.	1.6	42
118	Epithelia Under Metabolic Stress Perceive Commensal Bacteria as a Threat. <i>American Journal of Pathology</i> , 2004, 164, 947-957.	1.9	159
119	Colonic bacterial superantigens evoke an inflammatory response and exaggerate disease in mice recovering from colitis. <i>Gastroenterology</i> , 2003, 125, 1785-1795.	0.6	62
120	Bacterial DNA evokes epithelial IL-8 production by a MAPK-dependent, NF- κ B-independent pathway. <i>FASEB Journal</i> , 2003, 17, 1319-1321.	0.2	147
121	STAT-6 Is an Absolute Requirement for Murine Rejection of <i>Hymenolepis diminuta</i> . <i>Journal of Parasitology</i> , 2003, 89, 188-189.	0.3	35
122	The Canadian Association of Gastroenterology Research Committee Report: Continued Commitment to Promoting Excellence in Gastrointestinal Related Research. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 2003, 17, 385-390.	1.8	0
123	Nerve-mast cell (RBL) interaction: RBL membrane ruffling occurs at the contact site with an activated neurite. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C1738-C1744.	2.1	46
124	Dextran sodium sulphate-induced colitis perturbs muscarinic cholinergic control of colonic epithelial ion transport. <i>British Journal of Pharmacology</i> , 2002, 135, 1794-1800.	2.7	37
125	Tapeworm Infection Reduces Epithelial Ion Transport Abnormalities in Murine Dextran Sulfate Sodium-Induced Colitis. <i>Infection and Immunity</i> , 2001, 69, 4417-4423.	1.0	100
126	Interleukins 4 and 13 Increase Intestinal Epithelial Permeability by a Phosphatidylinositol 3-Kinase Pathway. <i>Journal of Biological Chemistry</i> , 2000, 275, 29132-29137.	1.6	125

#	ARTICLE	IF	CITATIONS
127	Dextran Sulfate Sodium-Induced Colonic Histopathology, but not Altered Epithelial Ion Transport, Is Reduced by Inhibition of Phosphodiesterase Activity. American Journal of Pathology, 2000, 156, 2169-2177.	1.9	120
128	Characterization of enteric functional changes evoked by in vivo anti-CD3 T cell activation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R715-R723.	0.9	31
129	Cytokine regulation of epithelial permeability and ion transport. Gut, 1999, 44, 283-289.	6.1	167
130	Nitric oxide participates in the recovery of normal jejunal epithelial ion transport following exposure to the superantigen, Staphylococcus aureus enterotoxin B. Journal of Immunology, 1999, 163, 4519-26.	0.4	11
131	CD4 ⁺ T cells mediate superantigen-induced abnormalities in murine jejunal ion transport. American Journal of Physiology - Renal Physiology, 1998, 275, G29-G38.	1.6	33
132	A role for the enteric nervous system in the response to helminth infections. Parasitology Today, 1997, 13, 63-69.	3.1	34
133	Superantigen activation of immune cells evokes epithelial (T84) transport and barrier abnormalities via IFN-gamma and TNF alpha: inhibition of increased permeability, but not diminished secretory responses by TGF-beta2. Journal of Immunology, 1997, 159, 2382-90.	0.4	91
134	Infection of T84 cells with enteropathogenic Escherichia coli alters barrier and transport functions. American Journal of Physiology - Renal Physiology, 1996, 270, G634-G645.	1.6	101
135	Effects of neuropeptide Y and substance P on antigen-induced ion secretion in rat jejunum. American Journal of Physiology - Renal Physiology, 1996, 271, G987-G992.	1.6	8
136	T cell-monocyte interactions regulate epithelial physiology in a coculture model of inflammation. American Journal of Physiology - Cell Physiology, 1996, 270, C418-C428.	2.1	75
137	<i>Nippostrongylus brasiliensis</i> infection evokes neuronal abnormalities and alterations in neurally regulated electrolyte transport in rat jejunum. Parasitology, 1996, 113, 173-182.	0.7	42
138	Role of T lymphocytes in secretory response to an enteric nematode parasite. Digestive Diseases and Sciences, 1995, 40, 331-337.	1.1	16
139	Integrative immunophysiology in the intestinal mucosa. American Journal of Physiology - Renal Physiology, 1994, 267, G151-G165.	1.6	81
140	Effect of region, temperature and neuronal blockade on sodium and 51Cr-EDTA transport across canine gastrointestinal mucosae in vitro. Comparative Biochemistry and Physiology A, Comparative Physiology, 1994, 107, 711-717.	0.7	4
141	Inhibition of antigen-induced secretion in the rat jejunum by interferon alpha/beta. Regional Immunology, 1993, 5, 53-9.	0.4	2
142	The primary structure and tissue distribution of an amphibian neuropeptide Y. Regulatory Peptides, 1992, 37, 143-153.	1.9	16
143	Cytochemical demonstration of cholinergic, serotonergic and peptidergic nerve elements in <i>Goroderina vitelliloba</i> (Trematoda:Digenea). International Journal for Parasitology, 1991, 21, 71-80.	1.3	32
144	Hymenolepis diminuta: Changes in the levels of certain intestinal regulatory peptides in infected C57 mice. Experimental Parasitology, 1991, 73, 15-26.	0.5	23

#	ARTICLE	IF	CITATIONS
145	Immunocytochemical and radioimmunometrical demonstration of serotonin- and neuropeptide-immunoreactivities in the adult rat tapeworm, <i>Hymenolepis diminuta</i> (Cestoda, Tj ETQq1 1 0.784314 rg80 /Over	0.7	29
146	<i>Hymenolepis diminuta</i> : changes in intestinal morphology and the enterochromaffin cell population associated with infection in male C57 mice. <i>Parasitology</i> , 1990, 101, 107-113.	0.7	29
147	Mammalian regulatory peptide immunoreactivity in the trematode parasite <i>Haplometra cylindracea</i> and the lung of its frog host, <i>Rana temporaria</i> : Comparative chromatographic characterisation using reverse-phase high-performance liquid chromatography. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1990, 96, 345-351.	0.2	3
148	Occurrence and distribution of putative neurotransmitters in the frog-lung parasite <i>Haplometra cylindracea</i> (Trematoda: Digenea). <i>Zeitschrift für Parasitenkunde</i> (Berlin, Germany), 1990, 76, 509-517.	0.8	37
149	<i>Hymenolepis diminuta</i> : Intestinal goblet cell response to infection in male C57 mice. <i>Experimental Parasitology</i> , 1990, 71, 9-20.	0.5	45
150	The effects of cholinergic and serotonergic drugs on motility <i>in vitro</i> of <i>Haplometra cylindracea</i> (Trematoda: Digenea). <i>Parasitology</i> , 1989, 99, 241-252.	0.7	27