

Luis I Terrazas

List of Publications by Year in descending order

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96
papers

3,260
citations

117619

34
h-index

175241

52
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98
all docs

98
docs citations

98
times ranked

3452
citing authors

#	ARTICLE	IF	CITATIONS
1	The Schistosome Oligosaccharide Lacto-N-neotetraose Expands Gr1+ Cells That Secrete Anti-inflammatory Cytokines and Inhibit Proliferation of Naive CD4+ Cells: A Potential Mechanism for Immune Polarization in Helminth Infections. <i>Journal of Immunology</i> , 2001, 167, 5294-5303.	0.8	146
2	Chronic Helminth Infection Induces Alternatively Activated Macrophages Expressing High Levels of CCR5 with Low Interleukin-12 Production and Th2-Biasing Ability. <i>Infection and Immunity</i> , 2002, 70, 3656-3664.	2.2	125
3	Shift from an Early Protective TH1-Type Immune Response to a Late Permissive TH2-Type Response in Murine Cysticercosis (<i>Taenia crassiceps</i>). <i>Journal of Parasitology</i> , 1998, 84, 74.	0.7	122
4	Role of the programmed Death-1 pathway in the suppressive activity of alternatively activated macrophages in experimental cysticercosis. <i>International Journal for Parasitology</i> , 2005, 35, 1349-1358.	3.1	118
5	Human monocytes and macrophages undergo M1-type inflammatory polarization in response to high levels of glucose. <i>Immunology Letters</i> , 2016, 176, 81-89.	2.5	115
6	The divergent roles of alternatively activated macrophages in helminthic infections. <i>Parasite Immunology</i> , 2007, 29, 609-619.	1.5	113
7	Food-grade titanium dioxide exposure exacerbates tumor formation in colitis associated cancer model. <i>Food and Chemical Toxicology</i> , 2016, 93, 20-31.	3.6	100
8	Alternatively Activated Macrophages in Types 1 and 2 Diabetes. <i>Mediators of Inflammation</i> , 2012, 2012, 1-10.	3.0	81
9	Macrophage Migration Inhibitory Factor Contributes to Host Defense against Acute <i>Trypanosoma cruzi</i> Infection. <i>Infection and Immunity</i> , 2006, 74, 3170-3179.	2.2	75
10	Cutting Edge: Susceptibility to the Larval Stage of the Helminth Parasite <i>Taenia crassiceps</i> Is Mediated by Th2 Response Induced Via STAT6 Signaling. <i>Journal of Immunology</i> , 2002, 168, 3135-3139.	0.8	74
11	Macrophage Migration Inhibitory Factor Plays a Critical Role in Mediating Protection against the Helminth Parasite <i>Taenia crassiceps</i> . <i>Infection and Immunity</i> , 2003, 71, 1247-1254.	2.2	71
12	Th1-type cytokines improve resistance to murine cysticercosis caused by <i>Taenia crassiceps</i> . <i>Parasitology Research</i> , 1999, 85, 135-141.	1.6	69
13	Macrophage migration inhibitory factor (MIF) is critical for the host resistance against <i>Toxoplasma gondii</i> . <i>FASEB Journal</i> , 2008, 22, 3661-3671.	0.5	67
14	<i>Taenia crassiceps</i> infection abrogates experimental autoimmune encephalomyelitis. <i>Cellular Immunology</i> , 2011, 267, 77-87.	3.0	67
15	A Role for 17- β -Estradiol in Immunoendocrine Regulation of Murine Cysticercosis (<i>Taenia crassiceps</i>). <i>Journal of Parasitology</i> , 1994, 80, 563.	0.7	60
16	Immunological Mediation of Gonadal Effects on Experimental Murine Cysticercosis Caused by <i>Taenia crassiceps</i> Metacestodes. <i>Journal of Parasitology</i> , 1992, 78, 471.	0.7	59
17	Intact glycans from cestode antigens are involved in innate activation of myeloid suppressor cells. <i>Parasite Immunology</i> , 2005, 27, 395-405.	1.5	55
18	Characterization and Protective Potential of the Immune Response to <i>Taenia solium</i> Paramyosin in a Murine Model of Cysticercosis. <i>Infection and Immunity</i> , 2001, 69, 5412-5416.	2.2	52

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19	A STAT4-Dependent Th1 Response Is Required for Resistance to the Helminth Parasite <i>Taenia crassiceps</i> . <i>Infection and Immunity</i> , 2004, 72, 4552-4560.	2.2	52
20	Impaired pro-inflammatory cytokine production and increased Th2-biasing ability of dendritic cells exposed to <i>Taenia</i> excreted/secreted antigens: A critical role for carbohydrates but not for STAT6 signaling. <i>International Journal for Parasitology</i> , 2010, 40, 1051-1062.	3.1	51
21	Macrophage migration inhibitory factor is a therapeutic target in treatment of non-insulin-dependent diabetes mellitus. <i>FASEB Journal</i> , 2010, 24, 2583-2590.	0.5	51
22	Helminth excreted/secreted products are recognized by multiple receptors on DCs to block the TLR response and bias Th2 polarization in a cRAF dependent pathway. <i>FASEB Journal</i> , 2013, 27, 4547-4560.	0.5	51
23	Susceptibility to <i>Trypanosoma cruzi</i> is modified by a previous non-related infection. <i>Parasite Immunology</i> , 1999, 21, 177-185.	1.5	48
24	Shift from an early protective Th1-type immune response to a late permissive Th2-type response in murine cysticercosis (<i>Taenia crassiceps</i>). <i>Journal of Parasitology</i> , 1998, 84, 74-81.	0.7	48
25	Cestode Antigens Induce a Tolerogenic-Like Phenotype and Inhibit LPS Inflammatory Responses in Human Dendritic Cells. <i>International Journal of Biological Sciences</i> , 2011, 7, 1391-1400.	6.4	47
26	Lack of STAT6 Attenuates Inflammation and Drives Protection against Early Steps of Colitis-Associated Colon Cancer. <i>Cancer Immunology Research</i> , 2017, 5, 385-396.	3.4	47
27	The Complex Role of Pro- and Anti-Inflammatory Cytokines in Cysticercosis: Immunological Lessons from Experimental and Natural Hosts. <i>Current Topics in Medicinal Chemistry</i> , 2008, 8, 383-392.	2.1	45
28	<i>Taenia crassiceps</i> Infection Attenuates Multiple Low-Dose Streptozotocin-Induced Diabetes. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-11.	3.0	45
29	Nitric oxide contributes to host resistance against experimental <i>Taenia crassiceps</i> cysticercosis. <i>Parasitology Research</i> , 2007, 100, 1341-1350.	1.6	44
30	Carbohydrate components of <i>Taenia crassiceps</i> metacestodes display Th2-adjuvant and anti-inflammatory properties when co-injected with bystander antigen. <i>Parasitology Research</i> , 2006, 99, 440-448.	1.6	42
31	Role of Macrophages in the Repair Process during the Tissue Migrating and Resident Helminth Infections. <i>BioMed Research International</i> , 2016, 2016, 1-11.	1.9	40
32	Modulation of Dendritic Cell Responses by Parasites: A Common Strategy to Survive. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-19.	3.0	38
33	Th2-Associated Alternative Kupffer Cell Activation Promotes Liver Fibrosis without Inducing Local Inflammation. <i>International Journal of Biological Sciences</i> , 2011, 7, 1273-1286.	6.4	38
34	Parasites as negative regulators of cancer. <i>Bioscience Reports</i> , 2018, 38, .	2.4	38
35	Protection against murine cysticercosis using cDNA expression library immunization. <i>Immunology Letters</i> , 1998, 62, 131-136.	2.5	37
36	Acute cysticercosis favours rapid and more severe lesions caused by <i>Leishmania major</i> and <i>Leishmania mexicana</i> infection, a role for alternatively activated macrophages. <i>Cellular Immunology</i> , 2006, 242, 61-71.	3.0	36

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37	Toxoplasma gondii: Impaired maturation and pro-inflammatory response of dendritic cells in MIF-deficient mice favors susceptibility to infection. Experimental Parasitology, 2010, 126, 348-358.	1.2	35
38	Relevance of Regulatory T Cells during Colorectal Cancer Development. Cancers, 2020, 12, 1888.	3.7	34
39	Phage-Displayed T-Cell Epitope Grafted into Immunoglobulin Heavy-Chain Complementarity-Determining Regions: an Effective Vaccine Design Tested in Murine Cysticercosis. Infection and Immunity, 1999, 67, 4764-4770.	2.2	33
40	Differential response of antigen presenting cells from susceptible and resistant strains of mice to Taenia crassiceps infection. Infection, Genetics and Evolution, 2009, 9, 1115-1127.	2.3	32
41	Early removal of alternatively activated macrophages leads to Taenia crassiceps cysticercosis clearance in vivo. International Journal for Parasitology, 2010, 40, 731-742.	3.1	31
42	Immunoregulation by Taenia crassiceps and Its Antigens. BioMed Research International, 2013, 2013, 1-13.	1.9	31
43	Extraintestinal Helminth Infection Limits Pathology and Proinflammatory Cytokine Expression during DSS-Induced Ulcerative Colitis: A Role for Alternatively Activated Macrophages and Prostaglandins. BioMed Research International, 2015, 2015, 1-17.	1.9	30
44	Early and Partial Reduction in CD4 ⁺ Foxp3 ⁺ Regulatory T Cells during Colitis-Associated Colon Cancer Induces CD4 ⁺ and CD8 ⁺ T Cell Activation Inhibiting Tumorigenesis. Journal of Cancer, 2018, 9, 239-249.	2.5	30
45	Helminth-induced Ly6Chi monocyte-derived alternatively activated macrophages suppress experimental autoimmune encephalomyelitis. Scientific Reports, 2017, 7, 40814.	3.3	28
46	Helminth-derived molecules inhibit colitis-associated colon cancer development through NF-κB and STAT3 regulation. International Journal of Cancer, 2019, 145, 3126-3139.	5.1	27
47	Altered T helper responses in CD40 and interleukin-12 deficient mice reveal a critical role for Th1 responses in eliminating the helminth parasite Taenia crassiceps. International Journal for Parasitology, 2003, 33, 703-711.	3.1	26
48	Extraintestinal Helminth Infection Reduces the Development of Colitis-Associated Tumorigenesis. International Journal of Biological Sciences, 2014, 10, 948-956.	6.4	25
49	Regulation of immunity by Taeniids: lessons from animal models and in vitro studies. Parasite Immunology, 2016, 38, 124-135.	1.5	25
50	TLR2 Mediates Immunity to Experimental Cysticercosis. International Journal of Biological Sciences, 2011, 7, 1323-1333.	6.4	24
51	Protection against Naegleria fowleri infection in mice immunized with Cry1Ac plus amoebic lysates is dependent on the STAT6 Th2 response. Parasite Immunology, 2010, 32, 664-670.	1.5	22
52	Suppression of colitis by adoptive transfer of helminth antigen-treated dendritic cells requires interleukin-4 receptor-1 signaling. Scientific Reports, 2017, 7, 40631.	3.3	22
53	Use of STAT6 Phosphorylation Inhibitor and Trimethylglycine as New Adjuvant Therapies for 5-Fluorouracil in Colitis-Associated Tumorigenesis. International Journal of Molecular Sciences, 2020, 21, 2130.	4.1	22
54	Deficiency in STAT1 Signaling Predisposes Gut Inflammation and Prompts Colorectal Cancer Development. Cancers, 2018, 10, 341.	3.7	21

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55	CC chemokine receptor 1 enhances susceptibility to <i>Leishmania major</i> during early phase of infection. <i>Immunology and Cell Biology</i> , 2003, 81, 114-120.	2.3	20
56	<i>Taenia crassiceps</i> cysticercosis: A role for prostaglandin E2 in susceptibility. <i>Parasitology Research</i> , 1999, 85, 1025-1031.	1.6	19
57	MIF Promotes Classical Activation and Conversion of Inflammatory Ly6Chigh Monocytes into TipDCs during Murine Toxoplasmosis. <i>Mediators of Inflammation</i> , 2016, 2016, 1-18.	3.0	19
58	Helminth Products Potently Modulate Experimental Autoimmune Encephalomyelitis by Downregulating Neuroinflammation and Promoting a Suppressive Microenvironment. <i>Mediators of Inflammation</i> , 2017, 2017, 1-16.	3.0	19
59	Anti-inflammatory and Antitumor Activity of a Triple Therapy for a Colitis-Related Colorectal Cancer. <i>Journal of Cancer</i> , 2016, 7, 1632-1644.	2.5	18
60	A role for 17-beta-estradiol in immunoendocrine regulation of murine cysticercosis (<i>Taenia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 To	0.7	18
61	Signal Transducers and Activators of Transcription (STAT) Family Members in Helminth Infections. <i>International Journal of Biological Sciences</i> , 2011, 7, 1371-1381.	6.4	17
62	Macrophage Migration Inhibitory Factor Promotes the Interaction between the Tumor, Macrophages, and T Cells to Regulate the Progression of Chemically Induced Colitis-Associated Colorectal Cancer. <i>Mediators of Inflammation</i> , 2019, 2019, 1-16.	3.0	17
63	Mouse Macrophage Galactose-type Lectin (mMGL) is Critical for Host Resistance against <i>Trypanosoma cruzi</i> Infection. <i>International Journal of Biological Sciences</i> , 2014, 10, 909-920.	6.4	16
64	<i>Taenia crassiceps</i> Antigens Control Experimental Type 1 Diabetes by Inducing Alternatively Activated Macrophages. <i>Mediators of Inflammation</i> , 2017, 2017, 1-15.	3.0	16
65	CpG-containing ODN has a limited role in the protection against <i>Toxoplasma gondii</i> . <i>Parasite Immunology</i> , 2004, 26, 67-73.	1.5	15
66	Food-grade titanium dioxide (E171) by solid or liquid matrix administration induces inflammation, germ cells sloughing in seminiferous tubules and blood-testis barrier disruption in mice. <i>Journal of Applied Toxicology</i> , 2019, 39, 1586-1605.	2.8	15
67	Signal Transducer and Activator of Transcription Factor 6 Signaling Contributes to Control Host Lung Pathology but Favors Susceptibility against <i>Toxocara canis</i> Infection. <i>BioMed Research International</i> , 2013, 2013, 1-11.	1.9	14
68	Immunological mediation of gonadal effects on experimental murine cysticercosis caused by <i>Taenia crassiceps</i> metacestodes. <i>Journal of Parasitology</i> , 1992, 78, 471-6.	0.7	14
69	The Macrophage Galactose-Type Lectin-1 (MGL1) Recognizes <i>Taenia crassiceps</i> Antigens, Triggers Intracellular Signaling, and Is Critical for Resistance to This Infection. <i>BioMed Research International</i> , 2015, 2015, 1-16.	1.9	13
70	<i>Taenia crassiceps</i> infection and its excreted/secreted products inhibit STAT1 activation in response to IFN- γ . <i>International Journal for Parasitology</i> , 2014, 44, 613-623.	3.1	12
71	A Dual Role for Macrophages in Modulating Lung Tissue Damage/Repair during L2 <i>Toxocara canis</i> Infection. <i>Pathogens</i> , 2019, 8, 280.	2.8	12
72	Inflammation as a Target in Cancer Therapy. <i>Mediators of Inflammation</i> , 2019, 2019, 1-2.	3.0	11

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73	STAT6 Is Critical for the Induction of Regulatory T Cells In Vivo Controlling the Initial Steps of Colitis-Associated Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4049.	4.1	11
74	Consecutive Low Doses of Cyclosporine A Induce Pro-Inflammatory Cytokines and Accelerate Allograft Skin Rejection. <i>Molecules</i> , 2011, 16, 3969-3984.	3.8	10
75	Helminth Excreted/Secreted Antigens Repress Expression of LPS-Induced Let-7i but Not miR-146a and miR-155 in Human Dendritic Cells. <i>BioMed Research International</i> , 2013, 2013, 1-6.	1.9	10
76	<i>Taenia solium</i> glutathione transferase fraction activates macrophages and favors the development of Th1-type response. <i>Bioscience Reports</i> , 2019, 39, .	2.4	10
77	<i>Taenia crassiceps</i> -Excreted/Secreted Products Induce a Defined MicroRNA Profile that Modulates Inflammatory Properties of Macrophages. <i>Journal of Immunology Research</i> , 2019, 2019, 1-24.	2.2	9
78	MGL1 Receptor Plays a Key Role in the Control of <i>T. cruzi</i> Infection by Increasing Macrophage Activation through Modulation of ERK1/2, c-Jun, NF- κ B and NLRP3 Pathways. <i>Cells</i> , 2020, 9, 108.	4.1	9
79	DNA pulsed macrophage-mediated cDNA expression library immunization in vaccine development. <i>Vaccine</i> , 1999, 18, 389-391.	3.8	7
80	<i>Taenia crassiceps</i> Infection Does Not Influence the Development of Experimental Rheumatoid Arthritis. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	7
81	Immune-Regulatory Mechanisms of Classical and Experimental Multiple Sclerosis Drugs: A Special Focus on Helminth-Derived Treatments. <i>Current Medicinal Chemistry</i> , 2016, 23, 1152-1170.	2.4	5
82	Intraspleen DNA Inoculation Elicits Protective Cellular Immune Responses. <i>DNA and Cell Biology</i> , 2001, 20, 215-221.	1.9	4
83	Immunology and Cell Biology of Parasitic Diseases. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-5.	3.0	4
84	Neuro-Immune-Endocrine Interactions in Multiple Sclerosis. <i>Advances in Neuroimmune Biology</i> , 2018, 7, 55-65.	0.7	3
85	Denitrase activity of <i>Debaryomyces hansenii</i> reduces the oxidized compound 3-nitrotyrosine in mice liver with colitis. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 3748-3754.	1.8	3
86	Levocetirizine Inhibits Migration of Immune Cells to Lymph Nodes and Induces Treg Cells in a Murine Type I Allergic Conjunctivitis Model. <i>Open Ophthalmology Journal</i> , 2012, 6, 129-136.	0.2	3
87	STAT1-Dependent Recruitment of Ly6ChiCCR2+ Inflammatory Monocytes and M2 Macrophages in a Helminth Infection. <i>Pathogens</i> , 2021, 10, 1287.	2.8	3
88	MIF in Parasitic and Helminthic Infections. , 2007, , 133-151.		2
89	Immunology and Cell Biology of Parasitic Diseases 2013. <i>BioMed Research International</i> , 2013, 2013, 1-4.	1.9	2
90	Recruitment of M1 Macrophages May Not Be Critical for Protection against Colitis-Associated Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11204.	4.1	2

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91	Innate and Cellular Immunology in Parasitic Diseases. International Journal of Biological Sciences, 2011, 7, 1216-1219.	6.4	1
92	The inflammation during colorectal cancer: A friend or a foe?. , 2021, , 103-129.		1
93	A special issue on immunology and cell biology of protozoa. Experimental Parasitology, 2010, 126, 281-282.	1.2	0
94	Immunology and Cell Biology of Parasitic Diseases 2011. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-3.	3.0	0
95	Immunology and Cell Biology of Parasitic Diseases 2014. BioMed Research International, 2015, 2015, 1-3.	1.9	0
96	Targeting the STAT6 signaling pathway as a therapy against colon cancer. , 2021, , 149-172.		0