Miriam Rodriguez-Sosa

List of Publications by Year
in descending order

76 papers	2,364 citations	186265 28 h-index	233421 45 g-index
78 all docs	78 docs citations	78 times ranked	3320 citing authors

#	Article	IF	Citations
1	Anti-Diabetic Effects of Cucurbitacins from Ibervillea lindheimeri on Induced Mouse Diabetes. Journal of Chemistry, 2022, 2022, 1-15.	1.9	3
2	Macrophage migration inhibitory factor (MIF): Its role in the genesis and progression of colorectal cancer. , 2021, , 173-193.		0
3	Autophagy inhibition in breast cancer cells induces ROS-mediated MIF expression and M1 macrophage polarization. Cellular Signalling, 2021, 86, 110075.	3.6	15
4	Influence of Gestational Hormones on the Bacteria-Induced Cytokine Response in Periodontitis. Mediators of Inflammation, 2021, 2021, 1-12.	3.0	5
5	Recruitment of M1 Macrophages May Not Be Critical for Protection against Colitis-Associated Tumorigenesis. International Journal of Molecular Sciences, 2021, 22, 11204.	4.1	2
6	Characterisation of Macrophage Polarisation in Mice Infected with Ninoa Strain of Trypanosoma cruzi. Pathogens, 2021, 10, 1444.	2.8	5
7	MGL1 Receptor Plays a Key Role in the Control of T. cruzi Infection by Increasing Macrophage Activation through Modulation of ERK1/2, c-Jun, NF-ÎºB and NLRP3 Pathways. Cells, 2020, 9, 108.	4.1	9
8	Relevance of Regulatory T Cells during Colorectal Cancer Development. Cancers, 2020, 12, 1888.	3.7	34
9	Immune modulation by the macrophage migration inhibitory factor (MIF) family: D-dopachrome tautomerase (DDT) is not (always) a backup system. Cytokine, 2020, 133, 155121.	3.2	11
10	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
11	Autophagy Inhibition Induces the Secretion of Macrophage Migration Inhibitory Factor (MIF) with Autocrine and Paracrine Effects on the Promotion of Malignancy in Breast Cancer. Biology, 2020, 9, 20.	2.8	23
12	Foodâ€grade titanium dioxide (E171) by solid or liquid matrix administration induces inflammation, germ cells sloughing in seminiferous tubules and bloodâ€testis barrier disruption in mice. Journal of Applied Toxicology, 2019, 39, 1586-1605.	2.8	15
13	Helminthâ€derived molecules inhibit colitisâ€associated colon cancer development through NFâ€ÎºB and STAT3 regulation. International Journal of Cancer, 2019, 145, 3126-3139.	5.1	27
14	Changes in the transcriptome profile of breast cancer cells grown as spheroids. Biochemical and Biophysical Research Communications, 2019, 516, 1258-1264.	2.1	8
15	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. Mediators of Inflammation, 2019, 2019, 1-16.	3.0	17
16	Increased heart fibrosis and acute infection in a murine Chagas disease model associated with organophosphorus pesticide metabolite exposure. Scientific Reports, 2019, 9, 17539.	3.3	8
17	Benzo[a]pyrene activates an AhR/Src/ERK axis that contributes to CYP1A1 induction and stable DNA adducts formation in lung cells. Toxicology Letters, 2018, 289, 54-62.	0.8	32
18	Deficiency in STAT1 Signaling Predisposes Gut Inflammation and Prompts Colorectal Cancer Development. Cancers, 2018, 10, 341.	3.7	21

#	Article	IF	Citations
19	Co-infection: the outcome of Plasmodium infection differs according to the time of pre-existing helminth infection. Parasitology Research, 2018, 117, 2767-2784.	1.6	11
20	Macrophage Migration Inhibitory Factor -173 G/C Polymorphism: A Global Meta-Analysis across the Disease Spectrum. Frontiers in Genetics, 2018, 9, 55.	2.3	30
21	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
22	Helminth-induced Ly6Chi monocyte-derived alternatively activated macrophages suppress experimental autoimmune encephalomyelitis. Scientific Reports, 2017, 7, 40814.	3.3	28
23	Lack of STAT6 Attenuates Inflammation and Drives Protection against Early Steps of Colitis-Associated Colon Cancer. Cancer Immunology Research, 2017, 5, 385-396.	3.4	47
24	Type 2 diabetes mellitus BALB/c mice are more susceptible to granulomatous amoebic encephalitis: Immunohistochemical study. Experimental Parasitology, 2017, 183, 150-159.	1.2	8
25	Proinflammatory cytokine MIF plays a role in the pathogenesis of type-2 diabetes mellitus, but does not affect hepatic mitochondrial function. Cytokine, 2017, 99, 214-224.	3.2	11
26	IN VIVO AND IN VITRO ANTILEISHMANIAL EFFECTS OF METHANOLIC EXTRACT FROM BARK OF BURSERA APTERA. Tropical Journal of Obstetrics and Gynaecology, 2017, 14, 188-197.	0.3	4
27	Anti-inflammatory and Antitumor Activity of a Triple Therapy for a Colitis-Related Colorectal Cancer. Journal of Cancer, 2016, 7, 1632-1644.	2.5	18
28	Protective Effect ofAmphipterygium adstringensExtract on Dextran Sulphate Sodium-Induced Ulcerative Colitis in Mice. Mediators of Inflammation, 2016, 2016, 1-12.	3.0	24
29	Altered Macrophage and Dendritic Cell Response inMifâ^'/â^' Mice Reveals a Role of Mif for Inflammatory-Th1 Response in Type 1 Diabetes. Journal of Diabetes Research, 2016, 2016, 1-19.	2.3	30
30	MIF Promotes Classical Activation and Conversion of Inflammatory Ly6ChighMonocytes into TipDCs during Murine Toxoplasmosis. Mediators of Inflammation, 2016, 2016, 1-18.	3.0	19
31	Food-grade titanium dioxide exposure exacerbates tumor formation in colitis associated cancer model. Food and Chemical Toxicology, 2016, 93, 20-31.	3.6	100
32	Aryl hydrocarbon receptor influences nitric oxide and arginine production and alters M1/M2 macrophage polarization. Life Sciences, 2016, 155, 76-84.	4.3	63
33	Immunology and Cell Biology of Parasitic Diseases 2014. BioMed Research International, 2015, 2015, 1-3.	1.9	0
34	Adoptive transfer of CD4+Foxp3+ regulatory T cells to C57BL/6J mice during acute infection with Toxoplasma gondii down modulates the exacerbated Th1 immune response. Microbes and Infection, 2015, 17, 586-595.	1.9	24
35	Extraintestinal Helminth Infection Reduces the Development of Colitis-Associated Tumorigenesis. International Journal of Biological Sciences, 2014, 10, 948-956.	6.4	25
36	Mouse Macrophage Galactose-type Lectin (mMGL) is Critical for Host Resistance against Trypanosoma cruzi Infection. International Journal of Biological Sciences, 2014, 10, 909-920.	6.4	16

#	Article	IF	Citations
37	Helminth Parasites Alter Protection againstPlasmodiumInfection. BioMed Research International, 2014, 2014, 1-19.	1.9	35
38	The Role of MIF in Type 1 and Type 2 Diabetes Mellitus. Journal of Diabetes Research, 2014, 2014, 1-6.	2.3	59
39	Extraintestinal helminth infection reduces the development of colitisâ€associated colorectal cancer (LB518). FASEB Journal, 2014, 28, LB518.	0.5	0
40	Macrophage migration inhibitory factor has a role controlling colorectal cancer (LB491). FASEB Journal, 2014, 28, LB491.	0.5	0
41	Effect of Selenomethionine Supplementation in Food on the Excretion and Toxicity of Arsenic Exposure in Female Mice. Biological Trace Element Research, 2013, 156, 279-287.	3.5	27
42	Parasitic Infections: A Role for C-Type Lectins Receptors. BioMed Research International, 2013, 2013, 1-11.	1.9	57
43	Taenia crassicepsInfection Does Not Influence the Development of Experimental Rheumatoid Arthritis. BioMed Research International, 2013, 2013, 1-9.	1.9	7
44	Immunology and Cell Biology of Parasitic Diseases 2013. BioMed Research International, 2013, 2013, 1-4.	1.9	2
45	Levocetirizine Inhibits Migration of Immune Cells to Lymph Nodes and Induces Treg Cells in a Murine Type I Allergic Conjunctivitis Model. Open Ophthalmology Journal, 2012, 6, 129-136.	0.2	3
46	Innate and Cellular Immunology in Parasitic Diseases. International Journal of Biological Sciences, 2011, 7, 1216-1219.	6.4	1
47	Macrophage Migration Inhibitory Factor (MIF): A Key Player in Protozoan Infections. International Journal of Biological Sciences, 2011, 7, 1239-1256.	6.4	77
48	Deletion of the Aryl Hydrocarbon Receptor Enhances the Inflammatory Response to Leishmania major Infection. International Journal of Biological Sciences, 2011, 7, 1220-1229.	6.4	31
49	MIF Synergizes with Trypanosoma cruzi Antigens to Promote Efficient Dendritic Cell Maturation and IL-12 Production via p38 MAPK. International Journal of Biological Sciences, 2011, 7, 1298-1310.	6.4	28
50	Consecutive Low Doses of Cyclosporine A Induce Pro-Inflammatory Cytokines and Accelerate Allograft Skin Rejection. Molecules, 2011, 16, 3969-3984.	3.8	10
51	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
52	Macrophage migration inhibitory factor is a therapeutic target in treatment of nonâ€insulinâ€dependent diabetes mellitus. FASEB Journal, 2010, 24, 2583-2590.	0.5	51
53	The Unexpected Role for the Aryl Hydrocarbon Receptor on Susceptibility to Experimental Toxoplasmosis. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-15.	3.0	44
54	Vascular Î±_{1D}â€adrenoceptors are overexpressed in aorta of the aryl hydrocarbon receptor null mouse: role of increased angiotensin II. Autonomic and Autacoid Pharmacology, 2008, 28, 61-67.	0.5	18

#	Article	IF	Citations
55	Macrophage migration inhibitory factor (MIF) is critical for the host resistance againstToxoplasma gondii. FASEB Journal, 2008, 22, 3661-3671.	0.5	67
56	MIF in Parasitic and Helminthic Infections. , 2007, , 133-151.		2
57	Non-optimal levels of dietary selenomethionine alter splenocyte response and modify oxidative stress markers in female mice. Food and Chemical Toxicology, 2007, 45, 1147-1153.	3.6	36
58	Nitric oxide contributes to host resistance against experimental Taenia crassiceps cysticercosis. Parasitology Research, 2007, 100, 1341-1350.	1.6	44
59	Carbohydrate components of Taenia crassiceps metacestodes display Th2-adjuvant and anti-inflammatory properties when co-injected with bystander antigen. Parasitology Research, 2006, 99, 440-448.	1.6	42
60	Acute cysticercosis favours rapid and more severe lesions caused by Leishmania major and Leishmania mexicana infection, a role for alternatively activated macrophages. Cellular Immunology, 2006, 242, 61-71.	3.0	36
61	Macrophage Migration Inhibitory Factor Contributes to Host Defense against AcuteTrypanosoma cruziInfection. Infection and Immunity, 2006, 74, 3170-3179.	2.2	75
62	Intact glycans from cestode antigens are involved in innate activation of myeloid suppressor cells. Parasite Immunology, 2005, 27, 395-405.	1.5	55
63	Role of the programmed Death-1 pathway in the suppressive activity of alternatively activated macrophages in experimental cysticercosis. International Journal for Parasitology, 2005, 35, 1349-1358.	3.1	118
64	Over-production of IFN-Î³ and IL-12 in AhR-null mice. FEBS Letters, 2005, 579, 6403-6410.	2.8	57
65	A STAT4-Dependent Th1 Response Is Required for Resistance to the Helminth Parasite Taenia crassiceps. Infection and Immunity, 2004, 72, 4552-4560.	2.2	52
66	CpG-containing ODN has a limited role in the protection against Toxoplasma gondii. Parasite Immunology, 2004, 26, 67-73.	1.5	15
67	Interleukin-1 beta (IL-1Î²) induces tumor necrosis factor alpha (TNF-Î±) expression on mouse myeloid multipotent cell line 32D cl3 and inhibits their proliferation. Cytokine, 2004, 26, 66-72.	3.2	23
68	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
69	CC chemokine receptor 1 enhances susceptibility to Leishmania major during early phase of infection. Immunology and Cell Biology, 2003, 81, 114-120.	2.3	20
70	Macrophage Migration Inhibitory Factor Plays a Critical Role in Mediating Protection against the Helminth Parasite Taenia crassiceps. Infection and Immunity, 2003, 71, 1247-1254.	2.2	71
71	Cutting Edge: Susceptibility to the Larval Stage of the Helminth ParasiteTaenia crassicepsIs Mediated by Th2 Response Induced Via STAT6 Signaling. Journal of Immunology, 2002, 168, 3135-3139.	0.8	74
72	Chronic Helminth Infection Induces Alternatively Activated Macrophages Expressing High Levels of CCR5 with Low Interleukin-12 Production and Th2-Biasing Ability. Infection and Immunity, 2002, 70, 3656-3664.	2.2	125

#	Article	IF	Citations
73	Susceptibility toLeishmania mexicanainfection is due to the inability to produce ILâ€12 rather than lack of ILâ€12 responsiveness. Immunology and Cell Biology, 2001, 79, 320-322.	2.3	27
74	Genetically Resistant Mice Lacking IL-18 Gene Develop Th1 Response and Control CutaneousLeishmania majorInfection. Journal of Immunology, 2000, 164, 5890-5893.	0.8	77
75	Th1-type cytokines improve resistance to murine cysticercosis caused by Taenia crassiceps. Parasitology Research, 1999, 85, 135-141.	1.6	69
76	Taenia crassiceps cysticercosis: A role for prostaglandin E2 in susceptibility. Parasitology Research, 1999, 85, 1025-1031.	1.6	19