

Marcelo T Bozza

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62
papers

4,521
citations

35
h-index

62
g-index

62
ext. papers

5,360
ext. citations

7.4
avg, IF

5.47
L-index

#	Paper	IF	Citations
62	Pro-inflammatory Actions of Heme and Other Hemoglobin-Derived DAMPs. <i>Frontiers in Immunology</i> , 2020 , 11, 1323	8.4	34
61	Mitochondrial Reactive Oxygen Species Participate in Signaling Triggered by Heme in Macrophages and upon Hemolysis. <i>Journal of Immunology</i> , 2020 , 205, 2795-2805	5.3	11
60	Heme oxygenase-1 in protozoan infections: A tale of resistance and disease tolerance. <i>PLoS Pathogens</i> , 2020 , 16, e1008599	7.6	12
59	CXCR4 and MIF are required for neutrophil extracellular trap release triggered by Plasmodium-infected erythrocytes. <i>PLoS Pathogens</i> , 2020 , 16, e1008230	7.6	14
58	The Role of MIF on Eosinophil Biology and Eosinophilic Inflammation. <i>Clinical Reviews in Allergy and Immunology</i> , 2020 , 58, 15-24	12.3	22
57	Critical role of CD4 T cells and IFN γ signaling in antibody-mediated resistance to Zika virus infection. <i>Nature Communications</i> , 2018 , 9, 3136	17.4	41
56	RIPK1-RIPK3-MLKL-Associated Necroptosis Drives Killing in Neutrophils. <i>Frontiers in Immunology</i> , 2018 , 9, 1818	8.4	25
55	ROS and Trypanosoma cruzi: Fuel to infection, poison to the heart. <i>PLoS Pathogens</i> , 2018 , 14, e1006928	7.6	55
54	Heme and iron induce protein aggregation. <i>Autophagy</i> , 2017 , 13, 625-626	10.2	9
53	Heme Drives Oxidative Stress-Associated Cell Death in Human Neutrophils Infected with. <i>Frontiers in Immunology</i> , 2017 , 8, 1620	8.4	16
52	Zika Virus Infects, Activates, and Crosses Brain Microvascular Endothelial Cells, without Barrier Disruption. <i>Frontiers in Microbiology</i> , 2017 , 8, 2557	5.7	62
51	Short-Term Regulation of FcR-Mediated Phagocytosis by TLRs in Macrophages: Participation of 5-Lipoxygenase Products. <i>Mediators of Inflammation</i> , 2017 , 2017, 2086840	4.3	7
50	MIF in Eosinophilic Inflammation 2017 , 189-202		
49	Macrophage-dependent IL-1 β production induces cardiac arrhythmias in diabetic mice. <i>Nature Communications</i> , 2016 , 7, 13344	17.4	139
48	Protein aggregation as a cellular response to oxidative stress induced by heme and iron. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E7474-E7482	11.5	55
47	Red alert: labile heme is an alarmin. <i>Current Opinion in Immunology</i> , 2016 , 38, 94-100	7.8	87
46	Resveratrol Reverses Functional Chagas Heart Disease in Mice. <i>PLoS Pathogens</i> , 2016 , 12, e1005947	7.6	48

45	Molecular, Cellular and Clinical Aspects of Intracerebral Hemorrhage: Are the Enemies Within?. <i>Current Neuropharmacology</i> , 2016 , 14, 392-402	7.6	36
44	RIPK1 and PGAM5 Control Leishmania Replication through Distinct Mechanisms. <i>Journal of Immunology</i> , 2016 , 196, 5056-63	5.3	13
43	Cryptococcus neoformans glucuronoxylomannan fractions of different molecular masses are functionally distinct. <i>Future Microbiology</i> , 2014 , 9, 147-61	2.9	17
42	Hemolysis-induced lethality involves inflammasome activation by heme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E4110-8	11.5	210
41	Heme on innate immunity and inflammation. <i>Frontiers in Pharmacology</i> , 2014 , 5, 115	5.6	190
40	Are reactive oxygen species always detrimental to pathogens?. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 1000-37	8.4	278
39	Binding of the wheat germ lectin to Cryptococcus neoformans chito oligomers affects multiple mechanisms required for fungal pathogenesis. <i>Fungal Genetics and Biology</i> , 2013 , 60, 64-73	3.9	25
38	Inflammasome-derived IL-1 β production induces nitric oxide-mediated resistance to Leishmania. <i>Nature Medicine</i> , 2013 , 19, 909-15	50.5	246
37	Bacterial clearance in septic mice is modulated by MCP-1/CCL2 and nitric oxide. <i>Shock</i> , 2013 , 39, 63-9	3.4	44
36	Heme induces programmed necrosis on macrophages through autocrine TNF and ROS production. <i>Blood</i> , 2012 , 119, 2368-75	2.2	175
35	Maxadilan, the Lutzomyia longipalpis vasodilator, drives plasma leakage via PAC1-CXCR1/2-pathway. <i>Microvascular Research</i> , 2012 , 83, 185-93	3.7	15
34	Heme oxygenase-1 promotes the persistence of Leishmania chagasi infection. <i>Journal of Immunology</i> , 2012 , 188, 4460-7	5.3	67
33	Macrophage migration inhibitory factor in protozoan infections. <i>Journal of Parasitology Research</i> , 2012 , 2012, 413052	1.9	26
32	Oxidative stress fuels Trypanosoma cruzi infection in mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2531-42	15.9	113
31	Fungal surface and innate immune recognition of filamentous fungi. <i>Frontiers in Microbiology</i> , 2011 , 2, 248	5.7	25
30	Glycoconjugates and polysaccharides from the Scenedosporium/Pseudallescheria boydii complex: structural characterisation, involvement in cell differentiation, cell recognition and virulence. <i>Mycoses</i> , 2011 , 54 Suppl 3, 28-36	5.2	27
29	Leukotriene B4 mediates neutrophil migration induced by heme. <i>Journal of Immunology</i> , 2011 , 186, 6562-7	5.3	47
28	Cross-talk between macrophage migration inhibitory factor and eotaxin in allergic eosinophil activation forms leukotriene C β synthesizing lipid bodies. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 44, 509-16	5.7	23

27	MIF participates in <i>Toxoplasma gondii</i> -induced pathology following oral infection. <i>PLoS ONE</i> , 2011 , 6, e25259	3.7	32
26	Schistosomal-derived lysophosphatidylcholine are involved in eosinophil activation and recruitment through Toll-like receptor-2-dependent mechanisms. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1369-79	7	43
25	Heme amplifies the innate immune response to microbial molecules through spleen tyrosine kinase (Syk)-dependent reactive oxygen species generation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 32844-32851	5.4	67
24	TLR4 recognizes <i>Pseudallescheria boydii</i> conidia and purified rhamnmannans. <i>Journal of Biological Chemistry</i> , 2010 , 285, 40714-23	5.4	30
23	Heme impairs prostaglandin E2 and TGF-beta production by human mononuclear cells via Cu/Zn superoxide dismutase: insight into the pathogenesis of severe malaria. <i>Journal of Immunology</i> , 2010 , 185, 1196-204	5.3	42
22	Contribution of macrophage migration inhibitory factor to the pathogenesis of dengue virus infection. <i>FASEB Journal</i> , 2010 , 24, 218-28	0.9	92
21	Elevated levels of macrophage migration inhibitory factor (MIF) in the plasma of HIV-1-infected patients and in HIV-1-infected cell cultures: a relevant role on viral replication. <i>Virology</i> , 2010 , 399, 31-38	3.6	32
20	Pro-inflammatory response resulting from sindbis virus infection of human macrophages: implications for the pathogenesis of viral arthritis. <i>Journal of Medical Virology</i> , 2010 , 82, 164-74	19.7	46
19	Salivary gland homogenates of <i>Lutzomyia longipalpis</i> and its vasodilatory peptide maxadilan cause plasma leakage via PAC1 receptor activation. <i>Journal of Vascular Research</i> , 2009 , 46, 435-46	1.9	16
18	Macrophage migration inhibitory factor is critical to interleukin-5-driven eosinophilopoiesis and tissue eosinophilia triggered by <i>Schistosoma mansoni</i> infection. <i>FASEB Journal</i> , 2009 , 23, 1262-71	0.9	36
17	Migration inhibitory factor (MIF) released by macrophages upon recognition of immune complexes is critical to inflammation in Arthus reaction. <i>Journal of Leukocyte Biology</i> , 2009 , 85, 855-61	6.5	20
16	CCL2/MCP-1 controls parasite burden, cell infiltration, and mononuclear activation during acute <i>Trypanosoma cruzi</i> infection. <i>Journal of Leukocyte Biology</i> , 2009 , 86, 1239-46	6.5	35
15	<i>Shigella</i> induces mitochondrial dysfunction and cell death in nonmyeloid cells. <i>Cell Host and Microbe</i> , 2009 , 5, 123-36	23.4	123
14	<i>Trypanosoma cruzi</i> infection is enhanced by vector saliva through immunosuppressant mechanisms mediated by lysophosphatidylcholine. <i>Infection and Immunity</i> , 2008 , 76, 5543-52	3.7	53
13	Cytokine profiles as markers of disease severity in sepsis: a multiplex analysis. <i>Critical Care</i> , 2007 , 11, R49	10.8	466
12	Macrophage migration inhibitory factor is essential for allergic asthma but not for Th2 differentiation. <i>European Journal of Immunology</i> , 2007 , 37, 1097-106	6.1	34
11	Unraveling the lethal synergism between <i>Trypanosoma cruzi</i> infection and LPS: a role for increased macrophage reactivity. <i>European Journal of Immunology</i> , 2007 , 37, 1355-64	6.1	20
10	Binding of glucuronoxylomannan to the CD14 receptor in human A549 alveolar cells induces interleukin-8 production. <i>Vaccine Journal</i> , 2007 , 14, 94-8		27

9	Characterization of heme as activator of Toll-like receptor 4. <i>Journal of Biological Chemistry</i> , 2007 , 282, 20221-9	5-4	393
8	Monocyte chemoattractant protein-1/CC chemokine ligand 2 controls microtubule-driven biogenesis and leukotriene B ₄ -synthesizing function of macrophage lipid bodies elicited by innate immune response. <i>Journal of Immunology</i> , 2007 , 179, 8500-8	5-3	76
7	Heme induces neutrophil migration and reactive oxygen species generation through signaling pathways characteristic of chemotactic receptors. <i>Journal of Biological Chemistry</i> , 2007 , 282, 24430-6	5-4	117
6	An alpha-glucan of <i>Pseudallescheria boydii</i> is involved in fungal phagocytosis and Toll-like receptor activation. <i>Journal of Biological Chemistry</i> , 2006 , 281, 22614-23	5-4	109
5	Increased susceptibility to septic and endotoxic shock in monocyte chemoattractant protein 1/cc chemokine ligand 2-deficient mice correlates with reduced interleukin 10 and enhanced macrophage migration inhibitory factor production. <i>Shock</i> , 2006 , 26, 457-63	3-4	41
4	Calcitonin gene-related peptide inhibits local acute inflammation and protects mice against lethal endotoxemia. <i>Shock</i> , 2005 , 24, 590-4	3-4	96
3	Macrophage migration inhibitory factor levels correlate with fatal outcome in sepsis. <i>Shock</i> , 2004 , 22, 309-13	3-4	133
2	Role of monocyte chemotactic protein-1/CC chemokine ligand 2 on gamma delta T lymphocyte trafficking during inflammation induced by lipopolysaccharide or <i>Mycobacterium bovis</i> bacille Calmette-Guérin. <i>Journal of Immunology</i> , 2003 , 171, 6788-94	5-3	55
1	Monocyte chemoattractant protein-1 and 5-lipoxygenase products recruit leukocytes in response to platelet-activating factor-like lipids in oxidized low-density lipoprotein. <i>Journal of Immunology</i> , 2002 , 168, 4112-20	5-3	73