Joilson O Martins

List of Publications by Year
in descending order

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70 papers	3,197 citations	218592 26 h-index	168321 53 g-index
71 all docs	71 docs citations	71 times ranked	4589 citing authors

#	Article	IF	Citations
1	Blockade of caspase cascade overcomes malaria-associated acute respiratory distress syndrome in mice. Cell Death and Disease, 2022, 13, 144.	2.7	7
2	Genetic Deficiency of Indoleamine 2,3-dioxygenase Aggravates Vascular but Not Liver Disease in a Nonalcoholic Steatohepatitis and Atherosclerosis Comorbidity Model. International Journal of Molecular Sciences, 2022, 23, 5203.	1.8	3
3	Effects of captopril on glucose metabolism and autophagy in liver and muscle from mice with type 1 diabetes and diet-induced obesity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166477.	1.8	3
4	XPR1 Mediates the Pancreatic Î²-Cell Phosphate Flush. Diabetes, 2021, 70, 111-118.	0.3	3
5	AeMOPE-1, a Novel Salivary Peptide From Aedes aegypti, Selectively Modulates Activation of Murine Macrophages and Ameliorates Experimental Colitis. Frontiers in Immunology, 2021, 12, 681671.	2.2	3
6	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (edition	4.3	1,430
7	Endangered Lymphocytes: The Effects of Alloxan and Streptozotocin on Immune Cells in Type 1 Induced Diabetes. Mediators of Inflammation, 2021, 2021, 1-15.	1.4	6
8	Editorial: Interplay Between Autophagy and Metabolic Syndrome: Causes, Consequences and Therapeutic Challenges. Frontiers in Cell and Developmental Biology, 2021, 9, 765778.	1.8	0
9	Macrophages from a type 1 diabetes mouse model present dysregulated PI3K/AKT, ERK 1/2 and SAPK/JNK levels. Immunobiology, 2020, 225, 151879.	0.8	21
10	Insulin Modulates Inflammatory Cytokine Release in Acute Stages and Augments Expression of Adhesion Molecules and Leukocytes in Lungs on Chronic Stages of Paracoccidioidomycosis. Frontiers in Immunology, 2020, 11, 583385.	2.2	1
11	Insulin Modulates the Immune Cell Phenotype in Pulmonary Allergic Inflammation and Increases Pulmonary Resistance in Diabetic Mice. Frontiers in Immunology, 2020, 11, 84.	2.2	11
12	Immuneâ€pineal axis protects rat lungs exposed to polluted air. Journal of Pineal Research, 2020, 68, e12636.	3.4	23
13	Autophagy in metabolic syndrome: breaking the wheel by targeting the reninâ€“angiotensin system. Cell Death and Disease, 2020, 11, 87.	2.7	57
14	High Glucose Environments Interfere with Bone Marrow-Derived Macrophage Inflammatory Mediator Release, the TLR4 Pathway and Glucose Metabolism. Scientific Reports, 2019, 9, 11447.	1.6	33
15	Aedes aegypti saliva impairs M1-associated proinflammatory phenotype without promoting or affecting M2 polarization of murine macrophages. Parasites and Vectors, 2019, 12, 239.	1.0	7
16	Leukotriene Involvement in the Insulin Receptor Pathway and Macrophage Profiles in Muscles from Type 1 Diabetic Mice. Mediators of Inflammation, 2019, 2019, 1-8.	1.4	6
17	Inositol hexakisphosphate kinase 1 is a metabolic sensor in pancreatic Î²-cells. Cellular Signalling, 2018, 46, 120-128.	1.7	20
18	Protein kinase- and lipase inhibitors of inositide metabolism deplete IP7 indirectly in pancreatic Î²-cells: Off-target effects on cellular bioenergetics and direct effects on IP6K activity. Cellular Signalling, 2018, 42, 127-133.	1.7	4

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19	Interplay between Hormones, the Immune System, and Metabolic Disorders. Mediators of Inflammation, 2018, 2018, 1-2.	1.4	5
20	Insulin Modulates Paracoccidioides brasiliensis-Induced Inflammation by Restoring the Populations of NK Cells, Dendritic Cells, and B Lymphocytes in Lungs. Journal of Diabetes Research, 2018, 2018, 1-11.	1.0	2
21	Diabetes Mellitus and Liver Surgery: The Effect of Diabetes on Oxidative Stress and Inflammation. Mediators of Inflammation, 2018, 2018, 1-11.	1.4	29
22	Cytokine and Adhesion Molecule Expression Induced by Different Strains of Staphylococcus aureus in Type 1 Diabetic Rats: Role of Insulin. Frontiers in Immunology, 2018, 9, 3165.	2.2	2
23	Insulin Influences LPS-Induced TNF-Î± and IL-6 Release Through Distinct Pathways in Mouse Macrophages from Different Compartments. Cellular Physiology and Biochemistry, 2017, 42, 2093-2104.	1.1	57
24	Insulin Modulates Cytokine Release, Collagen and Mucus Secretion in Lung Remodeling of Allergic Diabetic Mice. Frontiers in Immunology, 2017, 8, 633.	2.2	12
25	Vitamin D Modulates Hematological Parameters and Cell Migration into Peritoneal and Pulmonary Cavities in Alloxan-Diabetic Mice. BioMed Research International, 2017, 2017, 1-10.	0.9	13
26	The Role of Endocrine System in the Inflammatory Process. Mediators of Inflammation, 2016, 2016, 1-2.	1.4	0
27	Interplay between the Endocrine System and Immune Cells. BioMed Research International, 2015, 2015, 1-2.	0.9	4
28	Lipid Mediators Are Critical in Resolving Inflammation: A Review of the Emerging Roles of Eicosanoids in Diabetes Mellitus. BioMed Research International, 2015, 2015, 1-8.	0.9	53
29	Insulin Modulates Liver Function in a Type I Diabetes Rat Model. Cellular Physiology and Biochemistry, 2015, 36, 1467-1479.	1.1	17
30	The Role and Effects of Glucocorticoid-Induced Leucine Zipper in the Context of Inflammation Resolution. Journal of Immunology, 2015, 194, 4940-4950.	0.4	99
31	Sepsis-induced lung inflammation is modulated by insulin. BMC Pulmonary Medicine, 2014, 14, 177.	0.8	18
32	Insulin Influences Autophagy Response Distinctively in Macrophages of Different Compartments. Cellular Physiology and Biochemistry, 2014, 34, 2017-2026.	1.1	12
33	Hypertonic Saline Solution Reduces Mesenteric Microcirculatory Dysfunctions and Bacterial Translocation in a Rat Model of Strangulated Small Bowel Obstruction. Shock, 2013, 40, 35-44.	1.0	15
34	Alveolar macrophages in diabetes: friends or foes?. Journal of Leukocyte Biology, 2012, 91, 871-876.	1.5	16
35	Modulation of Lung Allergic Response by Renal Ischemia and Reperfusion Injury. Cellular Physiology and Biochemistry, 2012, 29, 523-532.	1.1	3
36	Briefs on Insulin and Innate Immune Response. Cellular Physiology and Biochemistry, 2012, 29, 1-8.	1.1	22

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37	Diagnostic methods in sepsis: the need of speed. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2012, 58, 498-504.	0.3	12
38	Sepsis-Induced Acute Lung Injury (ALI) Is Milder in Diabetic Rats and Correlates with Impaired NFkB Activation. PLoS ONE, 2012, 7, e44987.	1.1	52
39	Is there a therapeutic window for pentoxifylline after the onset of acute pancreatitis?. Acta Cirurgica Brasileira, 2012, 27, 487-493.	0.3	7
40	Editorial: Can PKCÎ´ be a novel therapeutic target?. Journal of Leukocyte Biology, 2011, 89, 1-2.	1.5	6
41	SIGNALING PATHWAYS AND MEDIATORS IN LPS-INDUCED LUNG INFLAMMATION IN DIABETIC RATS. Shock, 2010, 33, 76-82.	1.0	31
42	Mechanisms of the Beneficial Effect of Hypertonic Saline Solution in Acute Pancreatitis. Shock, 2010, 34, 502-507.	1.0	19
43	Anti-Inflammatory Effects of Peritoneal Lavage in Acute Pancreatitis. Pancreas, 2010, 39, 1180-1184.	0.5	24
44	CO2 Abdominal Insufflation Decreases Local and Systemic Inflammatory Response in Experimental Acute Pancreatitis. Pancreas, 2010, 39, 175-181.	0.5	14
45	Evaluation of the effects of ozone therapy in the treatment of intra-abdominal infection in rats. Clinics, 2010, 65, 195-202.	0.6	34
46	Lung inflammation is induced by renal ischemia and reperfusion injury as part of the systemic inflammatory syndrome. Inflammation Research, 2010, 59, 861-869.	1.6	27
47	Anti-inflammatory effect of atorvastatin ameliorates insulin resistance in monosodium glutamateâ€“treated obese mice. Metabolism: Clinical and Experimental, 2010, 59, 395-399.	1.5	57
48	Insulin modulates cytokine release and selectin expression in the early phase of allergic airway inflammation in diabetic rats. BMC Pulmonary Medicine, 2010, 10, 39.	0.8	19
49	Effect of plant neutrophil elastase inhibitor on leucocyte migration, adhesion and cytokine release in inflammatory conditions. British Journal of Pharmacology, 2010, 161, 899-910.	2.7	32
50	A novel fluid resuscitation strategy modulates pulmonary transcription factor activation in a murine model of hemorrhagic shock. Clinics, 2010, 65, 621-8.	0.6	18
51	Pentoxifylline attenuates leukoreduced stored blood-induced neutrophil activation through inhibition of mitogen-activated protein kinases. Immunopharmacology and Immunotoxicology, 2010, 32, 74-81.	1.1	2
52	T1948 Further Insights on the Mechanisms of the Beneficial Effect of Hypertonic Saline Solution in Acute Pancreatitis. Gastroenterology, 2010, 138, S-893.	0.6	0
53	Impaired phagocytosis by alveolar macrophages from diabetic rats is related to the deficient coupling of LTs to the FcÎ³R signaling cascade. Molecular Immunology, 2010, 47, 1974-1980.	1.0	43
54	Early Phase of Allergic Airway Inflammation in Diabetic Rats: Role of Insulin on the Signaling Pathways and Mediators. Cellular Physiology and Biochemistry, 2010, 26, 739-748.	1.1	15

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55	Emerging roles for eicosanoids in renal diseases. Current Opinion in Nephrology and Hypertension, 2009, 18, 21-27.	1.0	27
56	INSULIN REGULATES CYTOKINES AND INTERCELLULAR ADHESION MOLECULE-1 GENE EXPRESSION THROUGH NUCLEAR FACTOR-Î²B ACTIVATION IN LPS-INDUCED ACUTE LUNG INJURY IN RATS. Shock, 2009, 31, 404-409.	1.0	41
57	Pentoxifylline attenuates leukoreduced stored blood-induced neutrophil activation through inhibition of mitogen-activated protein kinases. Immunopharmacology and Immunotoxicology, 2009, 00, 090821063318005-8.	1.1	1
58	The allergic inflammatory reaction in neonatal streptozotocininduced diabetic rats: evidence of insulin resistance and microvascular dysfunction. Inflammation Research, 2008, 57, 535-541.	1.6	9
59	Insulin Inhibits LPS-Induced Signaling Pathways in Alveolar Macrophages. Cellular Physiology and Biochemistry, 2008, 21, 297-304.	1.1	35
60	Insulin Suppresses LPS-induced iNOS and COX-2 Expression and NF-κB Activation in Alveolar Macrophages and. Cellular Physiology and Biochemistry, 2008, 22, 279-286.	1.1	43
61	Pentoxifylline Attenuates Pulmonary Inflammation and Neutrophil Activation in Experimental Acute Pancreatitis. Pancreas, 2008, 37, 42-49.	0.5	46
62	Insights into the Regulation of TNF-Î± Production in Human Mononuclear Cells: The Effects of Non-Specific Phosphodiesterase Inhibition. Clinics, 2008, 63, 321-328.	0.6	77
63	Neutrophil function and metabolism in individuals with diabetes mellitus. Brazilian Journal of Medical and Biological Research, 2007, 40, 1037-1044.	0.7	256
64	Hypertonic Saline and Pentoxifylline Reduces Hemorrhagic Shock Resuscitation-Induced Pulmonary Inflammation Through Attenuation of Neutrophil Degranulation and Proinflammatory Mediator Synthesis. Journal of Trauma, 2007, 62, 104-111.	2.3	40
65	Pentoxifylline Attenuates Lung Injury and Modulates Transcription Factor Activity in Hemorrhagic Shock. Journal of Surgical Research, 2007, 143, 99-108.	0.8	61
66	Differential effects of chloral hydrate- and ketamine/xylazine-induced anesthesia by the s.c. route. Life Sciences, 2006, 79, 1630-1637.	2.0	45
67	MODULATION OF LIPOPOLYSACCHARIDE-INDUCED ACUTE LUNG INFLAMMATION. Shock, 2006, 25, 260-266.	1.0	52
68	Inhibition of tumor necrosis factor-Î±-induced intercellular adhesion molecule-1 expression in diabetic rats: role of insulin. Inflammation Research, 2006, 55, 16-22.	1.6	31
69	TRANSCRIPTION FACTOR MODULATION THROUGH PHOSPHODIESTERASE INHIBITION IN HUMAN PBMCS. Shock, 2006, 25, 80-81.	1.0	4
70	ACUTE LUNG INFLAMMATION INDUCED BY LIPOPOLYSACCHARIDE. Journal of Hypertension, 2004, 22, S46.	0.3	0