Danielle G De Souza

List of Publications by Year
in descending order

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120 papers	5,297 citations	61984 43 h-index	98798 67 g-index
124 all docs	124 docs citations	124 times ranked	8134 citing authors

#	Article	IF	Citations
1	cis-Aconitic Acid, a Constituent of Echinodorus grandiflorus Leaves, Inhibits Antigen-Induced Arthritis and Gout in Mice. Planta Medica, 2022, 88, 1123-1131.	1.3	5
2	Eosinophil plays a crucial role in intestinal mucositis induced by antineoplastic chemotherapy. Immunology, 2022, 165, 355-368.	4.4	2
3	Mitochondrial DNA as a Possible Ligand for TLR9 in Irinotecan-induced Small Intestinal Mucositis. Immunological Investigations, 2022, 51, 1756-1771.	2.0	2
4	Antiâ€Zika Virus Activity of Plant Extracts Containing Polyphenols and Triterpenes on Vero CCLâ€81 and Human Neuroblastoma SHâ€SY5Y Cells. Chemistry and Biodiversity, 2022, 19, .	2.1	2
5	Circulating Nestin-GFP+ Cells Participate in the Pathogenesis of Paracoccidioides brasiliensis in the Lungs. Stem Cell Reviews and Reports, 2021, 17, 1874-1888.	3.8	9
6	Protective Response in Experimental Paracoccidioidomycosis Elicited by Extracellular Vesicles Containing Antigens of Paracoccidioides brasiliensis. Cells, 2021, 10, 1813.	4.1	8
7	Type I interferons are essential while type II interferon is dispensable for protection against St. Louis encephalitis virus infection in the mouse brain. Virulence, 2021, 12, 244-259.	4.4	3
8	SOCS2 modulates adipose tissue inflammation and expansion in mice. Journal of Nutritional Biochemistry, 2020, 76, 108304.	4.2	16
9	Colonization by Enterobacteriaceae is crucial for acute inflammatory responses in murine small intestine via regulation of corticosterone production. Gut Microbes, 2020, 11, 1531-1546.	9.8	27
10	Phosphoinositideâ€3 kinase gamma regulates caspaseâ€1 activation and leukocyte recruitment in acute murine gout. Journal of Leukocyte Biology, 2019, 106, 619-629.	3.3	11
11	Characterization of Aspergillus fumigatus Extracellular Vesicles and Their Effects on Macrophages and Neutrophils Functions. Frontiers in Microbiology, 2019, 10, 2008.	3.5	60
12	Tissue Dependent Role of PTX3 During Ischemia-Reperfusion Injury. Frontiers in Immunology, 2019, 10, 1461.	4.8	27
13	Host Immune Response to ZIKV in an Immunocompetent Embryonic Mouse Model of Intravaginal Infection. Viruses, 2019, 11, 558.	3.3	13
14	In-depth characterization of congenital Zika syndrome in immunocompetent mice: Antibody-dependent enhancement and an antiviral peptide therapy. EBioMedicine, 2019, 44, 516-529.	6.1	27
15	Animal model of arthritis and myositis induced by the Mayaro virus. PLoS Neglected Tropical Diseases, 2019, 13, e0007375.	3.0	29
16	Treatment with Atorvastatin Provides Additional Benefits to Imipenem in a Model of Gram-Negative Pneumonia Induced by Klebsiella pneumoniae in Mice. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	12
17	Therapeutic treatment of Zika virus infection using a brain-penetrating antiviral peptide. Nature Materials, 2018, 17, 971-977.	27.5	74
18	Viral immunogenicity determines epidemiological fitness in a cohort of DENV-1 infection in Brazil. PLoS Neglected Tropical Diseases, 2018, 12, e0006525.	3.0	17

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19	Interleukinâ€33 contributes to disease severity in Dengue virus infection in mice. Immunology, 2018, 155, 477-490.	4.4	10
20	Microbiota-Induced Antibodies Are Essential for Host Inflammatory Responsiveness to Sterile and Infectious Stimuli. Journal of Immunology, 2017, 198, 4096-4106.	0.8	11
21	N -Methyl- <scp>d</scp> -Aspartate (NMDA) Receptor Blockade Prevents Neuronal Death Induced by Zika Virus Infection. MBio, 2017, 8, .	4.1	70
22	The role of 5â€lipoxygenase in Aggregatibacter actinomycetemcomitansâ€induced alveolar bone loss. Journal of Clinical Periodontology, 2017, 44, 793-802.	4.9	5
23	Development of a model of Saint Louis encephalitis infection and disease in mice. Journal of Neuroinflammation, 2017, 14, 61.	7.2	10
24	Influenza A Virus as a Predisposing Factor for Cryptococcosis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 419.	3.9	29
25	Zika Virus Promotes Neuronal Cell Death in a Non-Cell Autonomous Manner by Triggering the Release of Neurotoxic Factors. Frontiers in Immunology, 2017, 8, 1016.	4.8	77
26	Angiotensin-(1-7) Promotes Resolution of Neutrophilic Inflammation in a Model of Antigen-Induced Arthritis in Mice. Frontiers in Immunology, 2017, 8, 1596.	4.8	36
27	Histologic and inflammatory lamellar changes in horses with oligofructose-induced laminitis treated with a CXCR1/2 antagonist. Pesquisa Veterinaria Brasileira, 2016, 36, 13-18.	0.5	2
28	In VitroTNF-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi mathvariant="bold-italic">Î±</mml:mi></mml:mrow></mml:math>Inhibitory Activity of Brazilian Plants and Anti-Inflammatory Effect ofStryphnodendron adstringensin an Acute Arthritis Model. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-15.	1.2	32
29	Endogenous Acetylcholine Controls the Severity of Polymicrobial Sepsisassociated Inflammatory Response in Mice. Current Neurovascular Research, 2016, 13, 4-9.	1.1	9
30	The reduction of oxidative stress by nanocomposite Fullerol decreases mucositis severity and reverts leukopenia induced by Irinotecan. Pharmacological Research, 2016, 107, 102-110.	7.1	47
31	The absence of microbiota delays the inflammatory response to Cryptococcus gattii. International Journal of Medical Microbiology, 2016, 306, 187-195.	3.6	28
32	Opportunities for the development of novel therapies based on host-microbial interactions. Pharmacological Research, 2016, 112, 68-83.	7.1	7
33	Lipoxin A4 Is Increased in the Plasma of Preeclamptic Women. American Journal of Hypertension, 2016, 29, 1179-1185.	2.0	21
34	The Aryl Hydrocarbon Receptor Modulates Production of Cytokines and Reactive Oxygen Species and Development of Myocarditis during Trypanosoma cruzi Infection. Infection and Immunity, 2016, 84, 3071-3082.	2.2	33
35	Melanocortin agonism as a viable strategy to control alveolar bone loss induced by oral infection. FASEB Journal, 2016, 30, 4033-4041.	0.5	5
36	Suppressor of cytokine signaling 2 modulates the immune response profile and development of experimental cerebral malaria. Brain, Behavior, and Immunity, 2016, 54, 73-85.	4.1	21

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37	Arthritis-induced alveolar bone loss is associated with changes in the composition of oral microbiota. Anaerobe, 2016, 39, 91-96.	2.1	29
38	Transmembrane TNFâ€Î± is sufficient for articular inflammation and hypernociception in a mouse model of gout. European Journal of Immunology, 2016, 46, 204-211.	2.9	67
39	Effect of the Hydroethanolic Extract from Echinodorus grandiflorus Leaves and a Fraction Enriched in Flavone-C-Glycosides on Antigen-Induced Arthritis in Mice. Planta Medica, 2016, 82, 407-413.	1.3	16
40	In Vitro TNF-Î± Inhibition Elicited by Extracts from Echinodorus grandiflorus Leaves and Correlation with Their Phytochemical Composition. Planta Medica, 2016, 82, 337-343.	1.3	11
41	Evaluation of the Wound Healing Properties ofHancornia speciosaLeaves. Phytotherapy Research, 2015, 29, 1887-1893.	5.8	34
42	Protective effects of the angiotensin type 1 receptor antagonist losartan in infectionâ€induced and arthritisâ€associated alveolar bone loss. Journal of Periodontal Research, 2015, 50, 814-823.	2.7	11
43	MyD88 Mediates the Protective Effects of Probiotics Against the Arteriolar Thrombosis and Leukocyte Recruitment Associated with Experimental Colitis. Inflammatory Bowel Diseases, 2015, 21, 888-900.	1.9	20
44	Therapeutic Effects of Treatment with Anti-TLR2 and Anti-TLR4 Monoclonal Antibodies in Polymicrobial Sepsis. PLoS ONE, 2015, 10, e0132336.	2.5	48
45	Platelet-activating factor modulates fat storage in the liver induced by a high-refined carbohydrate-containing diet. Journal of Nutritional Biochemistry, 2015, 26, 978-985.	4.2	15
46	Melanin Protects Paracoccidioides brasiliensis from the Effects of Antimicrobial Photodynamic Inhibition and Antifungal Drugs. Antimicrobial Agents and Chemotherapy, 2015, 59, 4003-4011.	3.2	23
47	Dengue virus requires the CCâ€chemokine receptor CCR5 for replication and infection development. Immunology, 2015, 145, 583-596.	4.4	49
48	Nicorandil inhibits neutrophil recruitment in carrageenan-induced experimental pleurisy in mice. European Journal of Pharmacology, 2015, 769, 306-312.	3.5	19
49	Hepatic DNA deposition drives drugâ€induced liver injury and inflammation in mice. Hepatology, 2015, 61, 348-360.	7.3	145
50	Lithothamnion muelleri Treatment Ameliorates Inflammatory and Hypernociceptive Responses in Antigen-Induced Arthritis in Mice. PLoS ONE, 2015, 10, e0118356.	2.5	8
51	Nanocomposite Treatment Reduces Disease and Lethality in a Murine Model of Acute Graft-versus-Host Disease and Preserves Anti-Tumor Effects. PLoS ONE, 2015, 10, e0123004.	2.5	10
52	Anti-inflammatory and Antinociceptive Activities of Azadirachtin in Mice. Planta Medica, 2014, 80, 630-636.	1.3	24
53	Evaluation of calcium supplementation with algae (Lithothamnion muelleri) on metabolic and inflammatory parameters in mice fed a high refined carbohydrate-containing diet. International Journal of Food Sciences and Nutrition, 2014, 65, 489-494.	2.8	0
54	Lack of plateletâ€activating factor receptor protects mice against dietâ€induced adipose inflammation and insulinâ€resistance despite fat pad expansion. Obesity, 2014, 22, 663-672.	3.0	37

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55	Regulatory effects of IL-18 on cytokine profiles and development of myocarditis during Trypanosoma cruzi infection. Microbes and Infection, 2014, 16, 481-490.	1.9	27
56	Role of the Aryl Hydrocarbon Receptor in the Immune Response Profile and Development of Pathology during Plasmodium berghei Anka Infection. Infection and Immunity, 2014, 82, 3127-3140.	2.2	25
57	Subversion of early innate antiviral responses during antibody-dependent enhancement of Dengue virus infection induces severe disease in immunocompetent mice. Medical Microbiology and Immunology, 2014, 203, 231-250.	4.8	26
58	The relevance of leukotrienes for bone resorption induced by mechanical loading. Bone, 2014, 69, 133-138.	2.9	28
59	Inflammasome Activation Is Reactive Oxygen Species Dependent and Mediates Irinotecan-Induced Mucositis through IL-1Î² and IL-18 in Mice. American Journal of Pathology, 2014, 184, 2023-2034.	3.8	56
60	Fluconazole Alters the Polysaccharide Capsule of Cryptococcus gattii and Leads to Distinct Behaviors in Murine Cryptococcosis. PLoS ONE, 2014, 9, e112669.	2.5	36
61	Evaluation of laboratory tests for dengue diagnosis in clinical specimens from consecutive patients with suspected dengue in Belo Horizonte, Brazil. Journal of Clinical Virology, 2013, 58, 41-46.	3.1	27
62	Inflammatory and Innate Immune Responses in Dengue Infection. American Journal of Pathology, 2013, 182, 1950-1961.	3.8	118
63	Preventive and therapeutic anti-TNF-Î± therapy with pentoxifylline decreases arthritis and the associated periodontal co-morbidity in mice. Life Sciences, 2013, 93, 423-428.	4.3	27
64	Further evidence for an anti-inflammatory role of artesunate in experimental cerebral malaria. Malaria Journal, 2013, 12, 388.	2.3	46
65	Photodynamic inhibition of Trichophyton rubrum: in vitro activity and the role of oxidative and nitrosative bursts in fungal death. Journal of Antimicrobial Chemotherapy, 2013, 68, 354-361.	3.0	50
66	ILâ€22 modulates ILâ€17A production and controls inflammation and tissue damage in experimental dengue infection. European Journal of Immunology, 2013, 43, 1529-1544.	2.9	54
67	Acute and sustained inflammation and metabolic dysfunction induced by high refined carbohydrateâ€containing diet in mice. Obesity, 2013, 21, E396-406.	3.0	92
68	The Pivotal Role of 5-Lipoxygenase-Derived LTB4 in Controlling Pulmonary Paracoccidioidomycosis. PLoS Neglected Tropical Diseases, 2013, 7, e2390.	3.0	22
69	Platelet-Activating Factor Receptor Blockade Ameliorates Aggregatibacter actinomycetemcomitans-Induced Periodontal Disease in Mice. Infection and Immunity, 2013, 81, 4244-4251.	2.2	13
70	My<scp>D</scp>88 is essential for alveolar bone loss induced by <scp>A</scp>ggregatibacter actinomycetemcomitans lipopolysaccharide in mice. Molecular Oral Microbiology, 2013, 28, 415-424.	2.7	32
71	Lithothamnion muelleri Controls Inflammatory Responses, Target Organ Injury and Lethality Associated with Graft-versus-Host Disease in Mice. Marine Drugs, 2013, 11, 2595-2615.	4.6	12
72	Response to Comment on â€œExperimental Arthritis Triggers Periodontal Disease in Mice: Involvement of TNF-Î± and the Oral Microbiotaâ€• Journal of Immunology, 2012, 188, 5-6.	0.8	0

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73	Platelet-activating factor receptor plays a role in the pathogenesis of graft-versus-host disease by regulating leukocyte recruitment, tissue injury, and lethality. Journal of Leukocyte Biology, 2012, 91, 629-639.	3.3	18
74	Antiadhesive Activity of Polysaccharide-Rich Fractions from Lithothamnion muelleri. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2012, 67, 391-397.	1.4	5
75	Transient TLR Activation Restores Inflammatory Response and Ability To Control Pulmonary Bacterial Infection in Germfree Mice. Journal of Immunology, 2012, 188, 1411-1420.	0.8	184
76	Dengue-3 encephalitis promotes anxiety-like behavior in mice. Behavioural Brain Research, 2012, 230, 237-242.	2.2	24
77	A Model of DENV-3 Infection That Recapitulates Severe Disease and Highlights the Importance of IFN-Î³ in Host Resistance to Infection. PLoS Neglected Tropical Diseases, 2012, 6, e1663.	3.0	58
78	Adapting to environmental stresses: the role of the microbiota in controlling innate immunity and behavioral responses. Immunological Reviews, 2012, 245, 250-264.	6.0	34
79	NLRP3 inflammasomeâ€“mediated neutrophil recruitment and hypernociception depend on leukotriene B₄ in a murine model of gout. Arthritis and Rheumatism, 2012, 64, 474-484.	6.7	202
80	Control of host inflammatory responsiveness by indigenous microbiota reveals an adaptive component of the innate immune system. Microbes and Infection, 2011, 13, 1121-1132.	1.9	18
81	Cooperative role of tumour necrosis factorâ€Î±, interleukinâ€1Î² and neutrophils in a novel behavioural model that concomitantly demonstrates articular inflammation and hypernociception in mice. British Journal of Pharmacology, 2011, 162, 72-83.	5.4	47
82	Experimental Arthritis Triggers Periodontal Disease in Mice: Involvement of TNF-Î± and the Oral Microbiota. Journal of Immunology, 2011, 187, 3821-3830.	0.8	83
83	Adipose tissue inflammation contributes to body weight loss induced by experimental chronic food allergy in mice. Clinical and Translational Allergy, 2011, 1, .	3.2	0
84	Therapeutic opportunities in dengue infection. Drug Development Research, 2011, 72, 480-500.	2.9	8
85	PI3KÎ³ controls leukocyte recruitment, tissue injury, and lethality in a model of graft-versus-host disease in mice. Journal of Leukocyte Biology, 2011, 89, 955-964.	3.3	23
86	IFN-Î³ Production Depends on IL-12 and IL-18 Combined Action and Mediates Host Resistance to Dengue Virus Infection in a Nitric Oxide-Dependent Manner. PLoS Neglected Tropical Diseases, 2011, 5, e1449.	3.0	71
87	sTNFR-1 is an early inflammatory marker in community versus institutionalized elderly women. Inflammation Research, 2010, 59, 129-134.	4.0	18
88	Role of CCL3/MIP-1Î± and CCL5/RANTES during acute Trypanosoma cruzi infection in rats. Microbes and Infection, 2010, 12, 669-676.	1.9	29
89	Role of the Chemokine Receptors CCR1, CCR2 and CCR4 in the Pathogenesis of Experimental Dengue Infection in Mice. PLoS ONE, 2010, 5, e15680.	2.5	54
90	The CCL3/Macrophage Inflammatory Protein-1Î±â€“Binding Protein Evasin-1 Protects from Graft-versus-Host Disease but Does Not Modify Graft-versus-Leukemia in Mice. Journal of Immunology, 2010, 184, 2646-2654.	0.8	51

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91	Phosphoinositide-3 Kinase Î³ Activity Contributes to Sepsis and Organ Damage by Altering Neutrophil Recruitment. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 762-773.	5.6	55
92	Contribution of macrophage migration inhibitory factor to the pathogenesis of dengue virus infection. FASEB Journal, 2010, 24, 218-228.	0.5	104
93	The Long Pentraxin PTX3 Is Crucial for Tissue Inflammation after Intestinal Ischemia and Reperfusion in Mice. American Journal of Pathology, 2009, 174, 1309-1318.	3.8	96
94	Essential role of platelet-activating factor receptor in the pathogenesis of Dengue virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14138-14143.	7.1	119
95	The chemokine receptors CXCR1/CXCR2 modulate antigenâ€induced arthritis by regulating adhesion of neutrophils to the synovial microvasculature. Arthritis and Rheumatism, 2008, 58, 2329-2337.	6.7	143
96	The Required Role of Endogenously Produced Lipoxin A4 and Annexin-1 for the Production of IL-10 and Inflammatory Hyporesponsiveness in Mice. Journal of Immunology, 2007, 179, 8533-8543.	0.8	121
97	Tissue- and Stimulus-Dependent Role of Phosphatidylinositol 3-Kinase Isoforms for Neutrophil Recruitment Induced by Chemoattractants In Vivo. Journal of Immunology, 2007, 179, 7891-7898.	0.8	61
98	Platelet activating factor receptors drive CXC chemokine production, neutrophil influx and edema formation in the lungs of mice injected with Tityus serrulatus venom. Toxicon, 2007, 50, 420-427.	1.6	35
99	Effects of the treatment with glibenclamide, an ATP-sensitive potassium channel blocker, on intestinal ischemia and reperfusion injury. European Journal of Pharmacology, 2007, 556, 215-222.	3.5	45
100	A DNA vaccine encoding CCL4/MIP-1Î² enhances myocarditis in experimental Trypanosoma cruzi infection in rats. Microbes and Infection, 2006, 8, 2745-2755.	1.9	20
101	Dual function of the long pentraxin PTX3 in resistance against pulmonary infection with Klebsiella pneumoniae in transgenic mice. Microbes and Infection, 2006, 8, 1321-1329.	1.9	82
102	Platelet activating factor receptor-deficient mice present delayed interferon-Î³ upregulation and high susceptibility to Leishmania amazonensis infection. Microbes and Infection, 2006, 8, 2569-2577.	1.9	31
103	NF-Îº B plays a major role during the systemic and local acute inflammatory response following intestinal reperfusion injury. British Journal of Pharmacology, 2005, 145, 246-254.	5.4	60
104	APT070 (Mirococept), a membrane-localised complement inhibitor, inhibits inflammatory responses that follow intestinal ischaemia and reperfusion injury. British Journal of Pharmacology, 2005, 145, 1027-1034.	5.4	42
105	Mechanisms of the anti-inflammatory effects of the natural secosteroids physalins in a model of intestinal ischaemia and reperfusion injury. British Journal of Pharmacology, 2005, 146, 244-251.	5.4	82
106	Anti-inflammatory and analgesic effects of atorvastatin in a rat model of adjuvant-induced arthritis. European Journal of Pharmacology, 2005, 516, 282-289.	3.5	129
107	The balance between the production of tumor necrosis factor-alpha and interleukin-10 determines tissue injury and lethality during intestinal ischemia and reperfusion. Memorias Do Instituto Oswaldo Cruz, 2005, 100, 59-66.	1.6	41
108	Role of Bradykinin B2 and B1 Receptors in the Local, Remote, and Systemic Inflammatory Responses That Follow Intestinal Ischemia and Reperfusion Injury. Journal of Immunology, 2004, 172, 2542-2548.	0.8	79

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109	The Essential Role of the Intestinal Microbiota in Facilitating Acute Inflammatory Responses. Journal of Immunology, 2004, 173, 4137-4146.	0.8	220
110	Repertaxin, a novel inhibitor of rat CXCR2 function, inhibits inflammatory responses that follow intestinal ischaemia and reperfusion injury. British Journal of Pharmacology, 2004, 143, 132-142.	5.4	106
111	Role of the bradykinin B2 receptor for the local and systemic inflammatory response that follows severe reperfusion injury. British Journal of Pharmacology, 2003, 139, 129-139.	5.4	39
112	Role of PAF receptors during intestinal ischemia and reperfusion injury. A comparative study between PAF receptor-deficient mice and PAF receptor antagonist treatment. British Journal of Pharmacology, 2003, 139, 733-740.	5.4	53
113	IL-1-Driven Endogenous IL-10 Production Protects Against the Systemic and Local Acute Inflammatory Response Following Intestinal Reperfusion Injury. Journal of Immunology, 2003, 170, 4759-4766.	0.8	57
114	Increased Mortality and Inflammation in Tumor Necrosis Factor-Stimulated Gene-14 Transgenic Mice after Ischemia and Reperfusion Injury. American Journal of Pathology, 2002, 160, 1755-1765.	3.8	180
115	Effect of a BLT receptor antagonist in a model of severe ischemia and reperfusion injury in the rat. European Journal of Pharmacology, 2002, 440, 61-69.	3.5	25
116	Role of tachykinin NK receptors on the local and remote injuries following ischaemia and reperfusion of the superior mesenteric artery in the rat. British Journal of Pharmacology, 2002, 135, 303-312.	5.4	34
117	Effects of inhibition of PDE4 and TNF-Î± on local and remote injuries following ischaemia and reperfusion injury. British Journal of Pharmacology, 2001, 134, 985-994.	5.4	111
118	Effects of a BLT receptor antagonist on local and remote reperfusion injuries after transient ischemia of the superior mesenteric artery in rats. European Journal of Pharmacology, 2000, 403, 121-128.	3.5	76
119	Effects of tachykinin NK1 or PAF receptor blockade on the lung injury induced by scorpion venom in rats. European Journal of Pharmacology, 1999, 376, 293-300.	3.5	62
120	Fcáµ§RIIb protects from reperfusion injury by controlling antibody and type I IFNâ€mediated tissue injury and death. Immunology, 0, , .	4.4	1