

Joao S Silva

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334
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100
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343
ext. papers

15,833
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
334	A cascade of cytokines mediates mechanical inflammatory hypernociception in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 1755-60	11.5	448
333	Interleukin 10 and interferon gamma regulation of experimental <i>Trypanosoma cruzi</i> infection. <i>Journal of Experimental Medicine</i> , 1992 , 175, 169-74	16.6	319
332	Regulation of <i>Trypanosoma cruzi</i> infections in vitro and in vivo by transforming growth factor beta (TGF-beta). <i>Journal of Experimental Medicine</i> , 1991 , 174, 539-45	16.6	251
331	Inflammasome-derived IL-1 β production induces nitric oxide-mediated resistance to <i>Leishmania</i> . <i>Nature Medicine</i> , 2013 , 19, 909-15	50.5	246
330	Regulation of chemokine receptor by Toll-like receptor 2 is critical to neutrophil migration and resistance to polymicrobial sepsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4018-23	11.5	241
329	Patterns of chemokines and chemokine receptors expression in different forms of human periodontal disease. <i>Journal of Periodontal Research</i> , 2003 , 38, 210-7	4.3	206
328	IL-33 induces neutrophil migration in rheumatoid arthritis and is a target of anti-TNF therapy. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, 1697-703	2.4	202
327	Evidence of the presence of T helper type 17 cells in chronic lesions of human periodontal disease. <i>Oral Microbiology and Immunology</i> , 2009 , 24, 1-6		199
326	Cytokine expression pattern in compression and tension sides of the periodontal ligament during orthodontic tooth movement in humans. <i>European Journal of Oral Sciences</i> , 2007 , 115, 355-62	2.3	199
325	Chemokines, inflammation and <i>Trypanosoma cruzi</i> infection. <i>Trends in Parasitology</i> , 2002 , 18, 262-5	6.4	180
324	Impact of smoking on inflammation: overview of molecular mechanisms. <i>Inflammation Research</i> , 2011 , 60, 409-24	7.2	179
323	Matrix metalloproteinases, their physiological inhibitors and osteoclast factors are differentially regulated by the cytokine profile in human periodontal disease. <i>Journal of Clinical Periodontology</i> , 2004 , 31, 671-9	7.7	164
322	Kinetics of cytokine gene expression in experimental chagasic cardiomyopathy: tissue parasitism and endogenous IFN-gamma as important determinants of chemokine mRNA expression during infection with <i>Trypanosoma cruzi</i> . <i>Microbes and Infection</i> , 2000 , 2, 851-66	9.3	155
321	CD4 ⁺ CD25 ⁺ T cells in skin lesions of patients with cutaneous leishmaniasis exhibit phenotypic and functional characteristics of natural regulatory T cells. <i>Journal of Infectious Diseases</i> , 2006 , 193, 1313-22	7	141
320	<i>Trypanosoma cruzi</i> : parasite shed vesicles increase heart parasitism and generate an intense inflammatory response. <i>Microbes and Infection</i> , 2009 , 11, 29-39	9.3	136
319	Interferon-gamma and tumor necrosis factor-alpha determine resistance to <i>Paracoccidioides brasiliensis</i> infection in mice. <i>American Journal of Pathology</i> , 2000 , 156, 1811-20	5.8	134
318	The role of parasite persistence in pathogenesis of Chagas heart disease. <i>Parasite Immunology</i> , 2009 , 31, 673-85	2.2	131

317	Anti-CD4 abrogates rejection and reestablishes long-term tolerance to syngeneic newborn hearts grafted in mice chronically infected with <i>Trypanosoma cruzi</i> . <i>Journal of Experimental Medicine</i> , 1992 , 175, 29-39	16.6	131
316	Neutrophil migration in inflammation: nitric oxide inhibits rolling, adhesion and induces apoptosis. <i>Nitric Oxide - Biology and Chemistry</i> , 2003 , 9, 153-64	5	128
315	Intrathymic T-cell migration: a combinatorial interplay of extracellular matrix and chemokines?. <i>Trends in Immunology</i> , 2002 , 23, 305-13	14.4	119
314	Modulation of chemokine production and inflammatory responses in interferon-gamma- and tumor necrosis factor-R1-deficient mice during <i>Trypanosoma cruzi</i> infection. <i>American Journal of Pathology</i> , 2001 , 158, 1433-40	5.8	119
313	Click chemistry synthesis of a library of 1,2,3-triazole-substituted galactose derivatives and their evaluation against <i>Trypanosoma cruzi</i> and its cell surface trans-sialidase. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 2412-27	3.4	117
312	Cardiac gene expression profiling provides evidence for cytokinopathy as a molecular mechanism in Chagas disease cardiomyopathy. <i>American Journal of Pathology</i> , 2005 , 167, 305-13	5.8	116
311	Inhibition of leukocyte rolling by nitric oxide during sepsis leads to reduced migration of active microbicidal neutrophils. <i>Infection and Immunity</i> , 2002 , 70, 3602-10	3.7	116
310	IL-17 produced during <i>Trypanosoma cruzi</i> infection plays a central role in regulating parasite-induced myocarditis. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e604	4.8	115
309	The dual role of p55 tumour necrosis factor-alpha receptor in <i>Actinobacillus actinomycetemcomitans</i> -induced experimental periodontitis: host protection and tissue destruction. <i>Clinical and Experimental Immunology</i> , 2007 , 147, 128-38	6.2	110
308	Regulatory T cells attenuate experimental periodontitis progression in mice. <i>Journal of Clinical Periodontology</i> , 2010 , 37, 591-600	7.7	109
307	MIP-1alpha[CCL3] acting on the CCR1 receptor mediates neutrophil migration in immune inflammation via sequential release of TNF-alpha and LTB4. <i>Journal of Leukocyte Biology</i> , 2005 , 78, 167-77	6.5	108
306	CCR5 plays a critical role in the development of myocarditis and host protection in mice infected with <i>Trypanosoma cruzi</i> . <i>Journal of Infectious Diseases</i> , 2005 , 191, 627-36	7	107
305	IL17 Promotes Mammary Tumor Progression by Changing the Behavior of Tumor Cells and Eliciting Tumorigenic Neutrophils Recruitment. <i>Cancer Research</i> , 2015 , 75, 3788-99	10.1	106
304	Characterization of CD4+CD25+ natural regulatory T cells in the inflammatory infiltrate of human chronic periodontitis. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 311-8	6.5	106
303	A crucial role for TNF-alpha in mediating neutrophil influx induced by endogenously generated or exogenous chemokines, KC/CXCL1 and LIX/CXCL5. <i>British Journal of Pharmacology</i> , 2009 , 158, 779-89	8.6	105
302	Human mucosal leishmaniasis: neutrophils infiltrate areas of tissue damage that express high levels of Th17-related cytokines. <i>European Journal of Immunology</i> , 2010 , 40, 2830-6	6.1	99
301	Systemic and local characterization of regulatory T cells in a chronic fungal infection in humans. <i>Journal of Immunology</i> , 2006 , 177, 5811-8	5.3	99
300	Gut microbiota translocation to the pancreatic lymph nodes triggers NOD2 activation and contributes to T1D onset. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1223-39	16.6	98

299	Molecular cloning and characterization of a highly selective chemokine-binding protein from the tick <i>Rhipicephalus sanguineus</i> . <i>Journal of Biological Chemistry</i> , 2007 , 282, 27250-27258	5.4	98
298	Deconstructing tick saliva: non-protein molecules with potent immunomodulatory properties. <i>Journal of Biological Chemistry</i> , 2011 , 286, 10960-9	5.4	95
297	Low expression of CD39 on regulatory T cells as a biomarker for resistance to methotrexate therapy in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2509-14	11.5	93
296	CEMiTool: a Bioconductor package for performing comprehensive modular co-expression analyses. <i>BMC Bioinformatics</i> , 2018 , 19, 56	3.6	92
295	Cutting edge: nucleotide-binding oligomerization domain 1-dependent responses account for murine resistance against <i>Trypanosoma cruzi</i> infection. <i>Journal of Immunology</i> , 2010 , 184, 1148-52	5.3	92
294	Differential expression of osteoblast and osteoclast chemottractants in compression and tension sides during orthodontic movement. <i>Cytokine</i> , 2008 , 42, 330-5	4	91
293	Current status of Chagas disease chemotherapy. <i>Expert Review of Anti-Infective Therapy</i> , 2011 , 9, 609-20	5.5	88
292	Mesenchymal stem cell properties of periodontal ligament cells from deciduous and permanent teeth. <i>Journal of Periodontology</i> , 2010 , 81, 1207-15	4.6	87
291	Dermaseptins from <i>Phyllomedusa oreades</i> and <i>Phyllomedusa distincta</i> . Anti- <i>Trypanosoma cruzi</i> activity without cytotoxicity to mammalian cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 49332-40	5.4	86
290	The effects of nitric oxide on the immune system during <i>Trypanosoma cruzi</i> infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009 , 104 Suppl 1, 236-45	2.6	84
289	Type 1 chemokine receptor expression in Chagas disease correlates with morbidity in cardiac patients. <i>Infection and Immunity</i> , 2005 , 73, 7960-6	3.7	84
288	Deficient regulatory T cell activity and low frequency of IL-17-producing T cells correlate with the extent of cardiomyopathy in human Chagas disease. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1630	4.8	83
287	Interleukin 17A acts synergistically with interferon γ to promote protection against <i>Leishmania infantum</i> infection. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1015-26	7	80
286	Tick saliva inhibits differentiation, maturation and function of murine bone-marrow-derived dendritic cells. <i>Immunology</i> , 2005 , 114, 235-45	7.8	80
285	Saliva of <i>Rhipicephalus sanguineus</i> tick impairs T cell proliferation and IFN-gamma-induced macrophage microbicidal activity. <i>Veterinary Immunology and Immunopathology</i> , 1998 , 64, 279-93	2	79
284	IL-5, IL-8 and tgf-beta expressions in chronic rhinosinusitis patients with nasal polyps and their correlation to tissue β cellularity and disease relapsing. <i>Clinical and Translational Allergy</i> , 2013 , 3, P14	5.2	78
283	Factors involved in the T helper type 1 and type 2 cell commitment and osteoclast regulation in inflammatory apical diseases. <i>Oral Microbiology and Immunology</i> , 2009 , 24, 25-31		78
282	An insight into the sialotranscriptome of the brown dog tick, <i>Rhipicephalus sanguineus</i> . <i>BMC Genomics</i> , 2010 , 11, 450	4.5	78

281	Nitric oxide inhibits neutrophil migration by a mechanism dependent on ICAM-1: role of soluble guanylate cyclase. <i>Nitric Oxide - Biology and Chemistry</i> , 2006 , 15, 77-86	5	78
280	Nitric oxide-induced apoptotic cell death in the acute phase of <i>Trypanosoma cruzi</i> infection in mice. <i>Immunology Letters</i> , 1998 , 63, 113-20	4.1	77
279	Oleic acid modulation of the immune response in wound healing: a new approach for skin repair. <i>Immunobiology</i> , 2011 , 216, 409-15	3.4	76
278	The essential role of IFN-gamma in the control of lethal <i>Aggregatibacter actinomycetemcomitans</i> infection in mice. <i>Microbes and Infection</i> , 2008 , 10, 489-96	9.3	76
277	CCR5-dependent regulatory T cell migration mediates fungal survival and severe immunosuppression. <i>Journal of Immunology</i> , 2008 , 180, 3049-56	5.3	75
276	Increased activities of cardiac matrix metalloproteinases matrix metalloproteinase (MMP)-2 and MMP-9 are associated with mortality during the acute phase of experimental <i>Trypanosoma cruzi</i> infection. <i>Journal of Infectious Diseases</i> , 2008 , 197, 1468-76	7	75
275	The involvement of CD4+CD25+ T cells in the acute phase of <i>Trypanosoma cruzi</i> infection. <i>Microbes and Infection</i> , 2008 , 10, 825-33	9.3	75
274	Role of regulatory T cells in long-term immune dysfunction associated with severe sepsis. <i>Critical Care Medicine</i> , 2010 , 38, 1718-25	1.4	71
273	<i>Actinobacillus actinomycetemcomitans</i> -induced periodontal disease in mice: patterns of cytokine, chemokine, and chemokine receptor expression and leukocyte migration. <i>Microbes and Infection</i> , 2005 , 7, 738-47	9.3	71
272	Chlorhexidine-induced apoptosis or necrosis in L929 fibroblasts: A role for endoplasmic reticulum stress. <i>Toxicology and Applied Pharmacology</i> , 2009 , 234, 256-65	4.6	70
271	The broad effects of the functional IL-10 promoter-592 polymorphism: modulation of IL-10, TIMP-3, and OPG expression and their association with periodontal disease outcome. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 1565-73	6.5	70
270	The role of nitric oxide in the pathogenesis of Chagas disease. <i>Frontiers in Bioscience - Landmark</i> , 2003 , 8, s314-25	2.8	69
269	Saliva from <i>Lutzomyia longipalpis</i> induces CC chemokine ligand 2/monocyte chemoattractant protein-1 expression and macrophage recruitment. <i>Journal of Immunology</i> , 2005 , 175, 8346-53	5.3	68
268	Enrichment of regulatory T cells in invasive breast tumor correlates with the upregulation of IL-17A expression and invasiveness of the tumor. <i>European Journal of Immunology</i> , 2013 , 43, 1518-28	6.1	67
267	Differential expression of chemokines and chemokine receptors in inflammatory periapical diseases. <i>Oral Microbiology and Immunology</i> , 2005 , 20, 310-6		67
266	IL-18 triggered by the Nlrp3 inflammasome induces host innate resistance in a pulmonary model of fungal infection. <i>Journal of Immunology</i> , 2015 , 194, 4507-17	5.3	65
265	Evaluation of chlorhexidine toxicity injected in the paw of mice and added to cultured I929 fibroblasts. <i>Journal of Endodontics</i> , 2007 , 33, 715-22	4.7	65
264	Tumour necrosis factor-alpha and leukotriene B(4) mediate the neutrophil migration in immune inflammation. <i>British Journal of Pharmacology</i> , 2001 , 134, 1619-28	8.6	65

263	Leukotriene B(4) induces nitric oxide synthesis in Trypanosoma cruzi-infected murine macrophages and mediates resistance to infection. <i>Infection and Immunity</i> , 2002 , 70, 4247-53	3.7	65
262	Novel ruthenium complexes as potential drugs for ChagasB disease: enzyme inhibition and in vitro/in vivo trypanocidal activity. <i>British Journal of Pharmacology</i> , 2010 , 160, 260-9	8.6	63
261	Evidences of the cooperative role of the chemokines CCL3, CCL4 and CCL5 and its receptors CCR1+ and CCR5+ in RANKL+ cell migration throughout experimental periodontitis in mice. <i>Bone</i> , 2010 , 46, 1122-30	4.7	63
260	Patients with oral squamous cell carcinoma are characterized by increased frequency of suppressive regulatory T cells in the blood and tumor microenvironment. <i>Cancer Immunology, Immunotherapy</i> , 2010 , 59, 819-28	7.4	63
259	Apoptosis-associated speck-like protein containing a caspase recruitment domain inflammasomes mediate IL-1 β response and host resistance to Trypanosoma cruzi infection. <i>Journal of Immunology</i> , 2013 , 191, 3373-83	5.3	62
258	Interleukin-10 production by tumor infiltrating macrophages plays a role in Human Papillomavirus 16 tumor growth. <i>BMC Immunology</i> , 2010 , 11, 27	3.7	62
257	KM(+), a lectin from Artocarpus integrifolia, induces IL-12 p40 production by macrophages and switches from type 2 to type 1 cell-mediated immunity against Leishmania major antigens, resulting in BALB/c mice resistance to infection. <i>Glycobiology</i> , 2001 , 11, 1035-42	5.8	60
256	Periodontitis and arthritis interaction in mice involves a shared hyper-inflammatory genotype and functional immunological interferences. <i>Genes and Immunity</i> , 2010 , 11, 479-89	4.4	59
255	Human leukocyte antigen-G expression after kidney transplantation is associated with a reduced incidence of rejection. <i>Transplant Immunology</i> , 2008 , 18, 361-7	1.7	59
254	An interleukin-1beta (IL-1beta) single-nucleotide polymorphism at position 3954 and red complex periodontopathogens independently and additively modulate the levels of IL-1beta in diseased periodontal tissues. <i>Infection and Immunity</i> , 2008 , 76, 3725-34	3.7	59
253	Chemokine production and leukocyte recruitment to the lungs of Paracoccidioides brasiliensis-infected mice is modulated by interferon-gamma. <i>American Journal of Pathology</i> , 2003 , 163, 583-90	5.8	59
252	Interferon-gamma-induced nitric oxide causes intrinsic intestinal denervation in Trypanosoma cruzi-infected mice. <i>American Journal of Pathology</i> , 2004 , 164, 1361-8	5.8	59
251	Experimental chemotherapy against Trypanosoma cruzi infection: essential role of endogenous interferon-gamma in mediating parasitologic cure. <i>Journal of Infectious Diseases</i> , 2002 , 186, 823-8	7	57
250	Expression of suppressors of cytokine signaling in diseased periodontal tissues: a stop signal for disease progression?. <i>Journal of Periodontal Research</i> , 2006 , 41, 580-4	4.3	56
249	In vitro and in vivo antiproliferative and trypanocidal activities of ruthenium NO donors. <i>British Journal of Pharmacology</i> , 2007 , 152, 112-21	8.6	55
248	Non-peptidic cruzain inhibitors with trypanocidal activity discovered by virtual screening and in vitro assay. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2370	4.8	54
247	Recurrent COVID-19 including evidence of reinfection and enhanced severity in thirty Brazilian healthcare workers. <i>Journal of Infection</i> , 2021 , 82, 399-406	18.9	54
246	Complexation of the anti-Trypanosoma cruzi drug benznidazole improves solubility and efficacy. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 4104-14	8.3	53

245	Involvement of NO in the failure of neutrophil migration in sepsis induced by <i>Staphylococcus aureus</i> . <i>British Journal of Pharmacology</i> , 2002 , 136, 645-58	8.6	52
244	Design, synthesis and the effect of 1,2,3-triazole sialylmimetic neoglycoconjugates on <i>Trypanosoma cruzi</i> and its cell surface trans-sialidase. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 145-56	3.4	49
243	Mitochondrial DNA Activates the NLRP3 Inflammasome and Predisposes to Type 1 Diabetes in Murine Model. <i>Frontiers in Immunology</i> , 2017 , 8, 164	8.4	49
242	Enhanced programmed death 1 (PD-1) and PD-1 ligand (PD-L1) expression in patients with actinic cheilitis and oral squamous cell carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2011 , 60, 965-74	7.4	49
241	Inducible cyclooxygenase released prostaglandin mediates immunosuppression in acute phase of experimental <i>Trypanosoma cruzi</i> infection. <i>Experimental Parasitology</i> , 2005 , 111, 71-9	2.1	48
240	Altered thymocyte migration during experimental acute <i>Trypanosoma cruzi</i> infection: combined role of fibronectin and the chemokines CXCL12 and CCL4. <i>European Journal of Immunology</i> , 2006 , 36, 1486-93	6.1	47
239	Experimental periodontitis in mice selected for maximal or minimal inflammatory reactions: increased inflammatory immune responsiveness drives increased alveolar bone loss without enhancing the control of periodontal infection. <i>Journal of Periodontal Research</i> , 2009 , 44, 443-51	4.3	46
238	Nitric oxide synthase-2 modulates chemokine production by <i>Trypanosoma cruzi</i> -infected cardiac myocytes. <i>Microbes and Infection</i> , 2008 , 10, 1558-66	9.3	46
237	Potential of KM+ lectin in immunization against <i>Leishmania amazonensis</i> infection. <i>Vaccine</i> , 2006 , 24, 3001-8	4.1	46
236	Diabetes Mellitus and Sepsis: A Challenging Association. <i>Shock</i> , 2017 , 47, 276-287	3.4	45
235	Regulatory T cells migrate to airways via CCR4 and attenuate the severity of airway allergic inflammation. <i>Journal of Immunology</i> , 2013 , 190, 2614-21	5.3	45
234	Increased interleukin-10 and interferon- γ levels in <i>Plasmodium vivax</i> malaria suggest a reciprocal regulation which is not altered by IL-10 gene promoter polymorphism. <i>Malaria Journal</i> , 2011 , 10, 264	3.6	45
233	Gene discovery in <i>Boophilus microplus</i> , the cattle tick: the transcriptomes of ovaries, salivary glands, and hemocytes. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1026, 242-6	6.5	45
232	CTLA-4 blockage increases resistance to infection with the intracellular protozoan <i>Trypanosoma cruzi</i> . <i>Journal of Immunology</i> , 2004 , 172, 4893-901	5.3	44
231	<i>Toxoplasma gondii</i> : the severity of toxoplasmic encephalitis in C57BL/6 mice is associated with increased ALCAM and VCAM-1 expression in the central nervous system and higher blood-brain barrier permeability. <i>Experimental Parasitology</i> , 2010 , 126, 167-77	2.1	43
230	Neutrophil recruitment in immunized mice depends on MIP-2 inducing the sequential release of MIP-1 α , TNF- α and LTB $_4$. <i>European Journal of Immunology</i> , 2006 , 36, 2025-34	6.1	43
229	Nitric oxide is involved in the lesions of the peripheral autonomic neurons observed in the acute phase of experimental <i>Trypanosoma cruzi</i> infection. <i>Experimental Parasitology</i> , 1999 , 93, 191-7	2.1	43
228	Nitric oxide donor trans-[RuCl([15]aneN)NO] as a possible therapeutic approach for ChagasP disease. <i>British Journal of Pharmacology</i> , 2010 , 160, 270-82	8.6	42

227	Down-regulation of expression of osteoblast and osteocyte markers in periodontal tissues associated with the spontaneous alveolar bone loss of interleukin-10 knockout mice. <i>European Journal of Oral Sciences</i> , 2010 , 118, 19-28	2.3	42
226	Reappraisal of the immunopathogenesis of disseminated leishmaniasis: in situ and systemic immune response. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2011 , 105, 438-44	2	42
225	Signaling via platelet-activating factor receptors accounts for the impairment of neutrophil migration in polymicrobial sepsis. <i>Journal of Immunology</i> , 2006 , 177, 1264-71	5.3	42
224	Fas-Fas ligand (CD95-CD95L) and cytotoxic T lymphocyte antigen-4 engagement mediate T cell unresponsiveness in patients with paracoccidioidomycosis. <i>Journal of Infectious Diseases</i> , 2003 , 187, 1496-505	7	42
223	Distinct <i>Leishmania braziliensis</i> isolates induce different paces of chemokine expression patterns. <i>Infection and Immunity</i> , 2005 , 73, 1191-5	3.7	42
222	Tick saliva induces regulatory dendritic cells: MAP-kinases and Toll-like receptor-2 expression as potential targets. <i>Veterinary Parasitology</i> , 2010 , 167, 288-97	2.8	41
221	Recognition by Toll-like receptor 2 induces antigen-presenting cell activation and Th1 programming during infection by <i>Neospora caninum</i> . <i>Immunology and Cell Biology</i> , 2010 , 88, 825-33	5	40
220	B lymphocyte-induced maturation protein-1 contributes to intestinal mucosa homeostasis by limiting the number of IL-17-producing CD4+ T cells. <i>Journal of Immunology</i> , 2012 , 189, 5682-93	5.3	39
219	Experimental chemotherapy against <i>Trypanosoma cruzi</i> infection using ruthenium nitric oxide donors. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4414-21	5.9	39
218	CCR2 receptor is essential to activate microbicidal mechanisms to control <i>Toxoplasma gondii</i> infection in the central nervous system. <i>American Journal of Pathology</i> , 2008 , 173, 741-51	5.8	39
217	<i>Leishmania braziliensis</i> isolates differing at the genome level display distinctive features in BALB/c mice. <i>Microbes and Infection</i> , 2004 , 6, 977-84	9.3	39
216	Selective inability of spleen antigen presenting cells from <i>Leishmania donovani</i> infected hamsters to mediate specific T cell proliferation to parasite antigens. <i>Parasite Immunology</i> , 1992 , 14, 49-58	2.2	39
215	Antileishmanial activity of ruthenium(II)tetraammine nitrosyl complexes. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4180-7	6.8	38
214	Interleukin-27 (IL-27) Mediates Susceptibility to Visceral Leishmaniasis by Suppressing the IL-17-Neutrophil Response. <i>Infection and Immunity</i> , 2016 , 84, 2289-2298	3.7	37
213	The role of toll-like receptor 2 in the recognition of <i>Aggregatibacter actinomycetemcomitans</i> . <i>Journal of Periodontology</i> , 2009 , 80, 2010-9	4.6	37
212	Regulation of <i>Trypanosoma cruzi</i> -induced myocarditis by programmed death cell receptor 1. <i>Infection and Immunity</i> , 2011 , 79, 1873-81	3.7	37
211	Tick saliva inhibits the chemotactic function of MIP-1alpha and selectively impairs chemotaxis of immature dendritic cells by down-regulating cell-surface CCR5. <i>International Journal for Parasitology</i> , 2008 , 38, 705-16	4.3	37
210	Dynamic changes of the Th17/Tc17 and regulatory T cell populations interfere in the experimental autoimmune diabetes pathogenesis. <i>Immunobiology</i> , 2013 , 218, 338-52	3.4	36

209	Disruption of calcium homeostasis in cardiomyocytes underlies cardiac structural and functional changes in severe sepsis. <i>PLoS ONE</i> , 2013 , 8, e68809	3.7	36
208	Detrimental role of endogenous nitric oxide in host defence against <i>Sporothrix schenckii</i> . <i>Immunology</i> , 2008 , 123, 469-79	7.8	36
207	T cell immunity to Zika virus targets immunodominant epitopes that show cross-reactivity with other Flaviviruses. <i>Scientific Reports</i> , 2018 , 8, 672	4.9	35
206	5-lipoxygenase is a key determinant of acute myocardial inflammation and mortality during <i>Trypanosoma cruzi</i> infection. <i>Microbes and Infection</i> , 2010 , 12, 587-97	9.3	35
205	IL-4 regulates susceptibility to intestinal inflammation in murine food allergy. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, G593-600	5.1	35
204	Tumor-infiltrating CD4+ T lymphocytes in early breast cancer reflect lymph node involvement. <i>Clinics</i> , 2006 , 61, 203-8	2.3	35
203	The essential role of toll like receptor-4 in the control of <i>Aggregatibacter actinomycetemcomitans</i> infection in mice. <i>Journal of Clinical Periodontology</i> , 2010 , 37, 248-54	7.7	34
202	Prolonged survival of allografts induced by mycobacterial Hsp70 is dependent on CD4+CD25+ regulatory T cells. <i>PLoS ONE</i> , 2010 , 5, e14264	3.7	34
201	The IL-33/ST2 pathway controls coxsackievirus B5-induced experimental pancreatitis. <i>Journal of Immunology</i> , 2013 , 191, 283-92	5.3	33
200	Dentin sialoprotein and phosphoprotein induce neutrophil recruitment: a mechanism dependent on IL-1beta, TNF-beta, and CXC chemokines. <i>Calcified Tissue International</i> , 2004 , 74, 532-41	3.9	33
199	Fas-FasL interaction modulates nitric oxide production in <i>Trypanosoma cruzi</i> -infected mice. <i>Immunology</i> , 2001 , 103, 122-9	7.8	33
198	Mitochondrial DNA Promotes NLRP3 Inflammasome Activation and Contributes to Endothelial Dysfunction and Inflammation in Type 1 Diabetes. <i>Frontiers in Physiology</i> , 2019 , 10, 1557	4.6	32
197	In vitro and in vivo trypanocidal activity of H2bdtc-loaded solid lipid nanoparticles. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2847	4.8	32
196	Glycoclusters presenting lactose on calix[4]arene cores display trypanocidal activity. <i>Tetrahedron</i> , 2011 , 67, 5902-5912	2.4	32
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