

# Rafael Fernandez-Botran

## List of Publications by Citations

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69

papers

3,139

citations

26

h-index

55

g-index

75

ext. papers

3,352

ext. citations

6.1

avg, IF

4.77

L-index

#	Paper	IF	Citations
69	Regulation of antibody isotype secretion by subsets of antigen-specific helper T cells. <i>Nature</i> , <b>1988</b> , 334, 255-8	50.4	784
68	Lymphokine-mediated regulation of the proliferative response of clones of T helper 1 and T helper 2 cells. <i>Journal of Experimental Medicine</i> , <b>1988</b> , 168, 543-58	16.6	328
67	Soluble cytokine receptors: their role in immunoregulation. <i>FASEB Journal</i> , <b>1991</b> , 5, 2567-74	0.9	247
66	B cell-stimulatory factor 1 (BSF-1) promotes growth of helper T cell lines. <i>Journal of Experimental Medicine</i> , <b>1986</b> , 164, 580-93	16.6	145
65	Understanding the roles of cytokines and neutrophil activity and neutrophil apoptosis in the protective versus deleterious inflammatory response in pneumonia. <i>International Journal of Infectious Diseases</i> , <b>2013</b> , 17, e76-83	10.5	114
64	Schistosoma mansoni in IL-4-deficient mice. <i>International Immunology</i> , <b>1996</b> , 8, 435-44	4.9	106
63	Cellular interactions in the humoral immune response. <i>Advances in Immunology</i> , <b>1989</b> , 45, 1-105	5.6	100
62	Evidence that natural murine soluble interleukin 4 receptors may act as transport proteins. <i>Journal of Experimental Medicine</i> , <b>1991</b> , 174, 673-81	16.6	90
61	Interleukin 4 mediates autocrine growth of helper T cells after antigenic stimulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 9689-93	11.5	88
60	Correlations among inflammatory markers in plasma, saliva and oral mucosal transudate in post-menopausal women with past intimate partner violence. <i>Brain, Behavior, and Immunity</i> , <b>2011</b> , 25, 314-21	16.6	66
59	A soluble, high-affinity, interleukin-4-binding protein is present in the biological fluids of mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1990</b> , 87, 4202-6	11.5	62
58	Soluble cytokine receptors: their roles in immunoregulation, disease, and therapy. <i>Advances in Immunology</i> , <b>1996</b> , 63, 269-336	5.6	61
57	Cytokine expression and microglial activation in progressive supranuclear palsy. <i>Parkinsonism and Related Disorders</i> , <b>2011</b> , 17, 683-8	3.6	51
56	Interactions between receptors for interleukin 2 and interleukin 4 on lines of helper T cells (HT-2) and B lymphoma cells (BCL1). <i>Journal of Experimental Medicine</i> , <b>1989</b> , 169, 379-91	16.6	51
55	Interaction and activation of antigen-specific T and B cells. <i>Immunological Reviews</i> , <b>1987</b> , 99, 193-239	11.3	49
54	Interleukin-6 and soluble interleukin-6 receptor levels in posttraumatic stress disorder: associations with lifetime diagnostic status and psychological context. <i>Biological Psychology</i> , <b>2014</b> , 99, 150-9	3.2	48
53	Markers of inflammation in midlife women with intimate partner violence histories. <i>Journal of Womens Health</i> , <b>2011</b> , 20, 1871-80	3	42

52	In vivo administration of L-dopa or dopamine decreases the number of splenic IFN gamma-producing cells. <i>Journal of Neuroimmunology</i> , <b>2003</b> , 137, 87-93	3.5	42
51	Soluble cytokine receptors: novel immunotherapeutic agents. <i>Expert Opinion on Investigational Drugs</i> , <b>2000</b> , 9, 497-514	5.9	41
50	Soluble cytokine receptors: basic immunology and clinical applications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>1999</b> , 36, 165-224	9.4	38
49	Binding of interferon gamma by glycosaminoglycans: a strategy for localization and/or inhibition of its activity. <i>Cytokine</i> , <b>1999</b> , 11, 313-25	4	37
48	Insights into the Use of C-Reactive Protein as a Diagnostic Index of Disease Severity in COVID-19 Infections. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 561-563	3.2	36
47	Contrasting inflammatory responses in severe and non-severe community-acquired pneumonia. <i>Inflammation</i> , <b>2014</b> , 37, 1158-66	5.1	35
46	Targeting of glycosaminoglycan-cytokine interactions as a novel therapeutic approach in allotransplantation. <i>Transplantation</i> , <b>2002</b> , 74, 623-9	1.8	35
45	Soluble cytokine receptors in biological therapy. <i>Expert Opinion on Biological Therapy</i> , <b>2002</b> , 2, 585-605	5.4	32
44	Intimate partner stalking victimization and posttraumatic stress symptoms in post-abuse women. <i>Violence Against Women</i> , <b>2012</b> , 18, 1368-89	2.6	30
43	Salivary cytokine response in the aftermath of stress: An emotion regulation perspective. <i>Emotion</i> , <b>2017</b> , 17, 1007-1020	4.1	24
42	Bacteremic pneumococcal pneumonia: clinical outcomes and preliminary results of inflammatory response. <i>Infection</i> , <b>2015</b> , 43, 729-38	5.8	22
41	The immunoregulatory effects of gangliosides involve immune deviation favoring type-2 T cell responses. <i>Journal of Leukocyte Biology</i> , <b>2006</b> , 79, 586-95	6.5	22
40	Modulation of acute inflammation by targeting glycosaminoglycan-cytokine interactions. <i>International Immunopharmacology</i> , <b>2005</b> , 5, 1622-32	5.8	22
39	Digoxin-like immunoreactive factors induce apoptosis in human acute T-cell lymphoblastic leukemia. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 1315-22	5.5	21
38	Regulation of the expression of the soluble and membrane forms of the murine IL-4 receptor. <i>Cellular Immunology</i> , <b>1997</b> , 180, 104-15	4.4	19
37	Effects of curcumin on infection. <i>Annals of Translational Medicine</i> , <b>2016</b> , 4, 479	3.2	18
36	Linked in vivo expression of soluble interleukin-4 receptor and interleukin-4 in murine schistosomiasis. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 649-56	6.1	14
35	Cross-linking of interleukin 4 to surface molecules on murine T and B lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1989</b> , 86, 4235-9	11.5	13

34	Acute stress induces increases in salivary IL-10 levels. <i>Stress</i> , <b>2016</b> , 19, 499-505	3	13
33	The production of soluble interleukin 4 receptors is preferentially regulated by the murine Th2 cell subset. <i>Cytokine</i> , <b>1997</b> , 9, 166-77	4	12
32	Cyclooxygenase-2 is upregulated in copper-deficient rats. <i>Inflammation</i> , <b>2009</b> , 32, 333-9	5.1	11
31	The enhancement of T cell proliferation by L-dopa is mediated peripherally and does not involve interleukin-2. <i>Journal of Neuroimmunology</i> , <b>2003</b> , 142, 166-9	3.5	11
30	Control of the production of soluble interleukin-4 receptors: implications in immunoregulation. <i>Journal of Leukocyte Biology</i> , <b>1996</b> , 59, 499-504	6.5	11
29	Autoreactive T cells from MRL-lpr/lpr mice secrete multiple lymphokines and induce the production of IgG anti-DNA antibodies. <i>Journal of Autoimmunity</i> , <b>1991</b> , 4, 563-76	15.5	11
28	PGE2-induced desensitization of adenylate cyclase of a murine macrophage-like cell line (P388D1). <i>Prostaglandins</i> , <b>1988</b> , 36, 329-41		10
27	A single antigen-specific B cell can conjugate to either a type 1 or a type 2 helper T cell. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1988</b> , 85, 7724-8	11.5	10
26	Cumulative trauma, emotion reactivity and salivary cytokine levels following acute stress in healthy women. <i>Anxiety, Stress and Coping</i> , <b>2019</b> , 32, 82-94	3.1	10
25	Biochemical signal transmitted by Fc receptor for immunoglobulin G2a of a murine macrophage-like cell line, P388D1: mode of activation of adenylate cyclase mediated by immunoglobulin G2a binding proteins. <i>Biochemistry</i> , <b>1986</b> , 25, 4388-97	3.2	9
24	Cell-free DNA diagnostics: current and emerging applications in oncology. <i>Pharmacogenomics</i> , <b>2019</b> , 20, 357-380	2.6	8
23	The order of administration of macrolides and beta-lactams may impact the outcomes of hospitalized patients with community-acquired pneumonia: results from the community-acquired pneumonia organization. <i>Infectious Diseases</i> , <b>2018</b> , 50, 13-20	3.1	7
22	Macrolide Use and Neutrophil Function/Cytokine Levels in Hospitalized Patients with Community-Acquired Pneumonia: A Pilot Study. <i>Lung</i> , <b>2016</b> , 194, 155-62	2.9	7
21	Cytokines and neutrophils responses in influenza pneumonia. <i>Infection</i> , <b>2013</b> , 41, 1021-4	5.8	6
20	Lower levels of interleukin-12 precede the development of tuberculosis among HIV-infected women. <i>Cytokine</i> , <b>2011</b> , 56, 325-31	4	6
19	Seroprevalence of /CagA Antibodies in Guatemalan Gastric Cancer Patients: Association of Seropositivity with Increased Plasma Levels of Pepsinogens but not Soluble Urokinase Plasminogen Activator Receptor. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 260-265	3.2	6
18	Serum and exhaled breath condensate inflammatory cytokines in community-acquired pneumonia: a prospective cohort study. <i>Pneumonia (Nathan Qld)</i> , <b>2016</b> , 8, 8	2.8	6
17	Association Between MC-2 Peptide and Hepatic Perfusion and Liver Injury Following Resuscitated Hemorrhagic Shock. <i>JAMA Surgery</i> , <b>2016</b> , 151, 265-72	5.4	6

16	Systemic cytokine and interferon responsiveness Patterns in HIV and HCV mono and co-infections. <i>Journal of Interferon and Cytokine Research</i> , <b>2014</b> , 34, 885-93	3.5	5
15	Relationship between Fc gamma 2b receptor and adenylate cyclase of a murine macrophagelike cell line, P388D1. <i>Biochemistry</i> , <b>1987</b> , 26, 4183-92	3.2	5
14	Linear basic peptides for targeting interferon-gamma-glycosaminoglycan interactions: synthesis and inhibitory properties. <i>Chemical Biology and Drug Design</i> , <b>2004</b> , 63, 56-62		4
13	A small-molecule antagonist of human and murine CCR1 receptors. <i>Expert Opinion on Investigational Drugs</i> , <b>2001</b> , 10, 1387-9	5.9	4
12	Regulation of the production of soluble IL-4 receptors in murine cutaneous leishmaniasis. The roles of IL-12 and IL-4. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 66, 481-8	6.5	4
11	Biochemical properties of phosphatidylcholine-binding proteins that share common antigenic determinants with Fc gamma 2b receptor. <i>Biochemistry</i> , <b>1985</b> , 24, 1896-903	3.2	4
10	Using cluster analysis of cytokines to identify patterns of inflammation in hospitalized patients with community-acquired pneumonia: a pilot study <b>2017</b> , 1, 3-11		4
9	Sheltering for Safety in Community Women With Divorce Histories. <i>Violence Against Women</i> , <b>2017</b> , 23, 1638-1655	2.6	3
8	The elevated systemic cytokine levels in HIV patients are not associated with an elevated pulmonary cytokine environment. <i>Cytokine</i> , <b>2020</b> , 126, 154874	4	3
7	Posttraumatic stress symptom severity and inflammatory processes in midlife women.. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , <b>2013</b> , 5, 439-447	7.8	2
6	Promoting Health by Improving Subjective Sleep Quality? Reduction in Depressive Symptoms and Inflammation as Potential Mechanisms and Implications for Trauma-Exposed Persons. <i>Frontiers in Psychiatry</i> , <b>2016</b> , 7, 76	5	2
5	Association and predictive value of biomarkers with severe outcomes in hospitalized patients with SARS-CoV-2 infection. <i>Cytokine</i> , <b>2022</b> , 149, 155755	4	1
4	Regulation of the biological effects of IL-4 on murine T and B cells. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , <b>1989</b> , 54 Pt 2, 705-11	3.9	1
3	Changes in liver steatosis in HIV-positive women are associated with the BMI, but not with biomarkers. <i>Cytokine</i> , <b>2021</b> , 144, 155573	4	1
2	The levels of soluble urokinase plasminogen activator receptor (suPAR) in saliva are influenced by acute stress. <i>Biological Psychology</i> , <b>2021</b> , 165, 108147	3.2	1
1	1361Innate Pulmonary Response to Community-Acquired Pneumonia (CAP) in Patients with Chronic Obstructive Pulmonary Disease (COPD): Results from the Community-Acquired Pneumonia Inflammatory Study Group (CAPISG). <i>Open Forum Infectious Diseases</i> , <b>2014</b> , 1, S356-S357	1	