Carlos Rosales

List of Publications by Year
in descending order

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71 papers	6,037 citations	94269 37 h-index	114278 63 g-index
71 all docs	71 docs citations	71 times ranked	8777 citing authors

#	Article	IF	Citations
1	Phagocytosis. , 2022, , 99-109.		2
2	Neutrophils Actively Contribute to Obesity-Associated Inflammation and Pathological Complications. Cells, 2022, 11, 1883.	1.8	29
3	The Antibody Receptor Fc Gamma Receptor IIIb Induces Calcium Entry via Transient Receptor Potential Melastatin 2 in Human Neutrophils. Frontiers in Immunology, 2021, 12, 657393.	2.2	4
4	Neutrophils vs. amoebas: Immunity against the protozoan parasiteEntamoeba histolytica. Journal of Leukocyte Biology, 2021, 110, 1241-1252.	1.5	5
5	New Insights on NETosis Induced by Entamoeba histolytica: Dependence on ROS from Amoebas and Extracellular MPO Activity. Antioxidants, 2021, 10, 974.	2.2	9
6	Low-Density Neutrophils in Healthy Individuals Display a Mature Primed Phenotype. Frontiers in Immunology, 2021, 12, 672520.	2.2	33
7	Modification of Proliferation and Apoptosis in Breast Cancer Cells by Exposure of Antioxidant Nanoparticles Due to Modulation of the Cellular Redox State Induced by Doxorubicin Exposure. Pharmaceutics, 2021, 13, 1251.	2.0	8
8	The Multiple Roles of Trogocytosis in Immunity, the Nervous System, and Development. BioMed Research International, 2021, 2021, 1-16.	0.9	13
9	Editorial: Phagocytosis: Molecular Mechanisms and Physiological Implications. Frontiers in Immunology, 2020, 11, 586918.	2.2	3
10	Phagocytosis: Our Current Understanding of a Universal Biological Process. Frontiers in Immunology, 2020, 11, 1066.	2.2	295
11	Immune Response to the Enteric ParasiteEntamoeba histolytica. Physiology, 2020, 35, 244-260.	1.6	19
12	Neutrophils at the crossroads of innate and adaptive immunity. Journal of Leukocyte Biology, 2020, 108, 377-396.	1.5	183
13	Pathogenic Entamoeba histolytica, but not Entamoeba dispar, induce neutrophil extracellular trap (NET) formation. Journal of Leukocyte Biology, 2019, 105, 1167-1181.	1.5	18
14	The effect of the lectin from Cherax quadricarinatus on its granular hemocytes. Fish and Shellfish Immunology, 2018, 77, 131-138.	1.6	5
15	Editorial: Integrative Approaches to the Molecular Physiology of Inflammation. Frontiers in Physiology, 2018, 9, 1825.	1.3	1
16	Neutrophil: A Cell with Many Roles in Inflammation or Several Cell Types?. Frontiers in Physiology, 2018, 9, 113.	1.3	817
17	Entamoeba histolytica Induce Signaling via Raf/MEK/ERK for Neutrophil Extracellular Trap (NET) Formation. Frontiers in Cellular and Infection Microbiology, 2018, 8, 226.	1.8	50
18	Entamoeba histolytica Trophozoites Induce a Rapid Non-classical NETosis Mechanism Independent of NOX2-Derived Reactive Oxygen Species and PAD4 Activity. Frontiers in Cellular and Infection Microbiology, 2018, 8, 184.	1.8	41

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19	Phagocytosis: A Fundamental Process in Immunity. BioMed Research International, 2017, 2017, 1-18.	0.9	360
20	FcÎ³ Receptor Heterogeneity in Leukocyte Functional Responses. Frontiers in Immunology, 2017, 8, 280.	2.2	99
21	Control of Phagocytosis by Microbial Pathogens. Frontiers in Immunology, 2017, 8, 1368.	2.2	201
22	Neutrophils: Their Role in Innate and Adaptive Immunity 2017. Journal of Immunology Research, 2017, 2017, 1-2.	0.9	64
23	Neutrophil Functions in Periodontal Homeostasis. Journal of Immunology Research, 2016, 2016, 1-9.	0.9	64
24	Control and Resolution Mechanisms of the Inflammatory Response 2016. Mediators of Inflammation, 2016, 2016, 1-2.	1.4	6
25	Neutrophils: Their Role in Innate and Adaptive Immunity. Journal of Immunology Research, 2016, 2016, 1-2.	0.9	107
26	Differential Use of Human Neutrophil FcÎ³Receptors for Inducing Neutrophil Extracellular Trap Formation. Journal of Immunology Research, 2016, 2016, 1-17.	0.9	85
27	Transforming Growth Factor-Î²-Activated Kinase 1 Is Required for Human FcÎ³RIIIb-Induced Neutrophil Extracellular Trap Formation. Frontiers in Immunology, 2016, 7, 277.	2.2	41
28	Neutrophils in Cancer: Two Sides of the Same Coin. Journal of Immunology Research, 2015, 2015, 1-21.	0.9	294
29	Control and Resolution Mechanisms of the Inflammatory Response. Mediators of Inflammation, 2014, 2014, 1-2.	1.4	5
30	Regression of Human Papillomavirus Intraepithelial Lesions Is Induced by MVA E2 Therapeutic Vaccine. Human Gene Therapy, 2014, 25, 1035-1049.	1.4	87
31	Immune therapy for human papillomaviruses-related cancers. World Journal of Clinical Oncology, 2014, 5, 1002.	0.9	54
32	Fc receptors: Cell activators of antibody functions. Advances in Bioscience and Biotechnology (Print), 2013, 04, 21-33.	0.3	41
33	A Simple and Efficient Method to Detect Nuclear Factor Activation in Human Neutrophils by Flow Cytometry. Journal of Visualized Experiments, 2013, , .	0.2	20
34	Antibody - Fc Receptor Interactions in Antimicrobial Functions. Current Immunology Reviews, 2013, 9, 44-55.	1.2	19
35	FcÎ³ receptors exhibit different phagocytosis potential in human neutrophils. Cellular Immunology, 2010, 263, 114-121.	1.4	61
36	Degraded Carrageenan Causing Colitis in Rats Induces TNF Secretion and ICAM-1 Upregulation in Monocytes through NF-ÎºB Activation. PLoS ONE, 2010, 5, e8666.	1.1	52

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37	FcÎ³RIIA and FcÎ³RIIIB Mediate Nuclear Factor Activation through Separate Signaling Pathways in Human Neutrophils. Journal of Immunology, 2009, 182, 4547-4556.	0.4	53
38	An fMLP receptor is involved in activation of phagocytosis by hemocytes from specific insect species. Developmental and Comparative Immunology, 2009, 33, 728-739.	1.0	18
39	Fc Receptor Signaling in Leukocytes: Role in Host Defense and Immune Regulation. Current Immunology Reviews, 2009, 5, 227-242.	1.2	8
40	Immune responses of mussel hemocyte subpopulations are differentially regulated by enzymes of the PI 3-K, PKC, and ERK kinase families. Developmental and Comparative Immunology, 2008, 32, 637-653.	1.0	98
41	Transmembrane Mutations to FcÎ³RIIA Alter Its Association with Lipid Rafts: Implications for Receptor Signaling. Journal of Immunology, 2007, 178, 3048-3058.	0.4	60
42	Fc receptor and integrin signaling in phagocytes. Signal Transduction, 2007, 7, 386-401.	0.7	22
43	Nuclear factor activation by FcÎ³R in human peripheral blood neutrophils detected by a novel flow cytometry-based method. Journal of Immunological Methods, 2007, 320, 104-118.	0.6	15
44	R-Ras promotes metastasis of cervical cancer epithelial cells. Cancer Immunology, Immunotherapy, 2007, 56, 535-544.	2.0	25
45	Adding Complexity to Phagocytic Signaling: Phagocytosis-Associated Cell Responses and Phagocytic Efficiency. , 2006, , 58-71.		5
46	FcÎ³RIIIB stimulation promotes Î²1 integrin activation in human neutrophils. Journal of Leukocyte Biology, 2005, 77, 787-799.	1.5	31
47	Molecular Mechanisms of Phagocytosis. , 2005, , .		13
48	Coordination of chondrocyte differentiation and joint formation byÎ±5Î²1 integrin in the developing appendicular skeleton. Development (Cambridge), 2004, 131, 4735-4742.	1.2	72
49	Entamoeba histolytica: a Î²1 integrin-like fibronectin receptor assembles a signaling complex similar to those of mammalian cells. Experimental Parasitology, 2003, 103, 8-15.	0.5	33
50	R-Ras promotes tumor growth of cervical epithelial cells. Cancer, 2003, 97, 575-585.	2.0	37
51	Cross-talk between Fc receptors and integrins. Immunology Letters, 2003, 90, 137-143.	1.1	55
52	Macrophageâ€"Mycobacterium tuberculosis interactions: role of complement receptor 3. Microbial Pathogenesis, 2003, 35, 125-131.	1.3	77
53	Î²1 and Î²2 integrins activate different signalling pathways in monocytes. Biochemical Journal, 2002, 363, 273.	1.7	35
54	Î²1 and Î²2 integrins activate different signalling pathways in monocytes. Biochemical Journal, 2002, 363, 273-280.	1.7	53

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55	Phosphatidylinositol 3-kinase and extracellular signal-regulated kinase are recruited for Fc receptor-mediated phagocytosis during monocyte-to-macrophage differentiation. Journal of Leukocyte Biology, 2002, 72, 107-14.	1.5	41
56	Signal transduction during Fc receptor-mediated phagocytosis. Journal of Leukocyte Biology, 2002, 72, 1092-108.	1.5	139
57	Fc receptor signaling during phagocytosis. , 2001, , 165-174.		2
58	A recombinant vaccinia virus containing the papilloma E2 protein promotes tumor regression by stimulating macrophage antibody-dependent cytotoxicity. Cancer Immunology, Immunotherapy, 2000, 49, 347-360.	2.0	40
59	Butyrate inhibits inflammatory responses through NFkappa B inhibition: implications for Crohn's disease. Gut, 2000, 47, 397-403.	6.1	1,060
60	FcÎ³ Receptor-mediated Mitogen-activated Protein Kinase Activation in Monocytes Is Independent of Ras. Journal of Biological Chemistry, 1998, 273, 27610-27619.	1.6	59
61	Signal transduction by immunoglobulin Fc receptors. Journal of Leukocyte Biology, 1998, 63, 521-533.	1.5	169
62	Signal transduction by cell adhesion receptors in leukocytes. Journal of Leukocyte Biology, 1995, 57, 189-198.	1.5	155
63	Signal transduction by cell adhesion receptors. Biochimica Et Biophysica Acta: Reviews on Cancer, 1995, 1242, 77-98.	3.3	104
64	Integrin-mediated Tyrosine Phosphorylation and Cytokine Message Induction in Monocytic Cells. Journal of Biological Chemistry, 1995, 270, 16189-16197.	1.6	205
65	Bromophenacyl bromide binding to the actin-bundling protein l-plastin inhibits inositol trisphosphate-independent increase in Ca2+ in human neutrophils.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 3534-3538.	3.3	54
66	Cytolytic activity of murine anti-dog lymphoma monoclonal antibodies with canine effector cells and complement. Cellular Immunology, 1988, 115, 420-428.	1.4	26
67	Canine lymphoma-associated antigens defined by murine monoclonal antibodies. Cancer Immunology, Immunotherapy, 1987, 24, 197-201.	2.0	38
68	Neutrophil Role in Periodontal Disease. , 0, , .		2
69	Cellular and Molecular Mechanisms of Insect Immunity. , 0, , .		35
70	Prophylactic and Therapeutic Vaccines against Human Papillomavirus Infections. , 0, , .		0
71	Neutrophil Activation by Antibody Receptors. , 0, , .		3