

Gabriela Constantin

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1906042/gabriela-constantin-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

6,911

citations

36

h-index

83

g-index

86

ext. papers

7,996

ext. citations

9.3

avg, IF

5.61

L-index

#	Paper	IF	Citations
82	Neurosphere-derived multipotent precursors promote neuroprotection by an immunomodulatory mechanism. <i>Nature</i> , 2005 , 436, 266-71	50.4	659
81	Chemokines trigger immediate beta2 integrin affinity and mobility changes: differential regulation and roles in lymphocyte arrest under flow. <i>Immunity</i> , 2000 , 13, 759-69	32.3	440
80	Interleukin 10 (IL-10) inhibits the release of proinflammatory cytokines from human polymorphonuclear leukocytes. Evidence for an autocrine role of tumor necrosis factor and IL-1 beta in mediating the production of IL-8 triggered by lipopolysaccharide. <i>Journal of Experimental Medicine</i> , 1998 , 178, 2207-11	16.6	435
79	A role for leukocyte-endothelial adhesion mechanisms in epilepsy. <i>Nature Medicine</i> , 2008 , 14, 1377-83	50.5	388
78	Neutrophils promote Alzheimer's disease-like pathology and cognitive decline via LFA-1 integrin. <i>Nature Medicine</i> , 2015 , 21, 880-6	50.5	354
77	Adipose-derived mesenchymal stem cells ameliorate chronic experimental autoimmune encephalomyelitis. <i>Stem Cells</i> , 2009 , 27, 2624-35	5.8	323
76	Regulation of leukocyte recruitment by the long pentraxin PTX3. <i>Nature Immunology</i> , 2010 , 11, 328-34	19.1	322
75	Functional morphology of the blood-brain barrier in health and disease. <i>Acta Neuropathologica</i> , 2018 , 135, 311-336	14.3	303
74	The blood-brain barrier in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2017 , 107, 41-56	7.5	286
73	Rapid leukocyte integrin activation by chemokines. <i>Immunological Reviews</i> , 2002 , 186, 37-46	11.3	245
72	Intraarterial injection of muscle-derived CD34(+)Sca-1(+) stem cells restores dystrophin in mdx mice. <i>Journal of Cell Biology</i> , 2001 , 152, 335-48	7.3	232
71	Molecular mechanisms involved in lymphocyte recruitment in inflamed brain microvessels: critical roles for P-selectin glycoprotein ligand-1 and heterotrimeric G(i)-linked receptors. <i>Journal of Immunology</i> , 2002 , 168, 1940-9	5.3	206
70	Evidence of zeta protein kinase C involvement in polymorphonuclear neutrophil integrin-dependent adhesion and chemotaxis. <i>Journal of Biological Chemistry</i> , 1998 , 273, 30306-15	5.4	193
69	RhoA and zeta PKC control distinct modalities of LFA-1 activation by chemokines: critical role of LFA-1 affinity triggering in lymphocyte in vivo homing. <i>Immunity</i> , 2004 , 20, 25-35	32.3	170
68	Complete repair of dystrophic skeletal muscle by mesoangioblasts with enhanced migration ability. <i>Journal of Cell Biology</i> , 2006 , 174, 231-43	7.3	169
67	Human adipose-derived mesenchymal stem cells systemically injected promote peripheral nerve regeneration in the mouse model of sciatic crush. <i>Tissue Engineering - Part A</i> , 2012 , 18, 1264-72	3.9	140
66	CD8+ T cells from patients with acute multiple sclerosis display selective increase of adhesiveness in brain venules: a critical role for P-selectin glycoprotein ligand-1. <i>Blood</i> , 2003 , 101, 4775-82	2.2	136

65	Regulation of conformer-specific activation of the integrin LFA-1 by a chemokine-triggered Rho signaling module. <i>Nature Immunology</i> , 2009 , 10, 185-94	19.1	122
64	The emerging role for chemokines in epilepsy. <i>Journal of Neuroimmunology</i> , 2010 , 224, 22-7	3.5	109
63	Vascular inflammation in central nervous system diseases: adhesion receptors controlling leukocyte-endothelial interactions. <i>Journal of Leukocyte Biology</i> , 2011 , 89, 539-56	6.5	105
62	The Src family kinases Hck and Fgr are dispensable for inside-out, chemoattractant-induced signaling regulating beta 2 integrin affinity and valency in neutrophils, but are required for beta 2 integrin-mediated outside-in signaling involved in sustained adhesion. <i>Journal of Immunology</i> , 2006 , 177, 604-11	5.3	97
61	Systemic treatment with adipose-derived mesenchymal stem cells ameliorates clinical and pathological features in the amyotrophic lateral sclerosis murine model. <i>Neuroscience</i> , 2013 , 248, 333-43	3.9	93
60	Macrophage/microglial Ezh2 facilitates autoimmune inflammation through inhibition of Socs3. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1365-1382	16.6	85
59	Correction: Complete repair of dystrophic skeletal muscle by mesoangioblasts with enhanced migration ability. <i>Journal of Cell Biology</i> , 2006 , 175, 361-361	7.3	78
58	T and B lymphocyte depletion has a marked effect on the fibrosis of dystrophic skeletal muscles in the scid/mdx mouse. <i>Journal of Pathology</i> , 2007 , 213, 229-38	9.4	73
57	Models of Neurodegenerative Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 328	5.7	66
56	NETosis in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2017 , 8, 211	8.4	63
55	Cysteinyl-leukotrienes receptor activation in brain inflammatory reactions and cerebral edema formation: a role for transcellular biosynthesis of cysteinyl-leukotrienes. <i>FASEB Journal</i> , 2004 , 18, 842-4	0.9	61
54	Identification of a putative pathway for the muscle homing of stem cells in a muscular dystrophy model. <i>Journal of Cell Biology</i> , 2003 , 162, 511-20	7.3	55
53	Chemokines and the signaling modules regulating integrin affinity. <i>Frontiers in Immunology</i> , 2012 , 3, 127	8.4	47
52	Efficient recruitment of lymphocytes in inflamed brain venules requires expression of cutaneous lymphocyte antigen and fucosyltransferase-VII. <i>Journal of Immunology</i> , 2005 , 174, 5805-13	5.3	46
51	TIM-1 glycoprotein binds the adhesion receptor P-selectin and mediates T cell trafficking during inflammation and autoimmunity. <i>Immunity</i> , 2014 , 40, 542-53	32.3	45
50	Anti-selectin therapy for the treatment of inflammatory diseases. <i>Inflammation and Allergy: Drug Targets</i> , 2008 , 7, 85-93		43
49	Tyrphostin AG490, a tyrosine kinase inhibitor, blocks actively induced experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , 1998 , 28, 3523-9	6.1	39
48	Leukocyte trafficking mechanisms in epilepsy. <i>Molecular Immunology</i> , 2013 , 55, 100-4	4.3	38

47	Nanovesicles from adipose-derived mesenchymal stem cells inhibit T lymphocyte trafficking and ameliorate chronic experimental autoimmune encephalomyelitis. <i>Scientific Reports</i> , 2018 , 8, 7473	4.9	36
46	Sulfatides trigger cytokine gene expression and secretion in human monocytes. <i>FEBS Letters</i> , 1994 , 350, 66-70	3.8	34
45	Treatment of refractory epilepsy with natalizumab in a patient with multiple sclerosis. Case report. <i>BMC Neurology</i> , 2010 , 10, 84	3.1	33
44	Fam65b is a new transcriptional target of FOXO1 that regulates RhoA signaling for T lymphocyte migration. <i>Journal of Immunology</i> , 2013 , 190, 748-55	5.3	32
43	Regulatory T cells suppress the late phase of the immune response in lymph nodes through P-selectin glycoprotein ligand-1. <i>Journal of Immunology</i> , 2013 , 191, 5489-500	5.3	29
42	JAK tyrosine kinases promote hierarchical activation of Rho and Rap modules of integrin activation. <i>Journal of Cell Biology</i> , 2013 , 203, 1003-19	7.3	29
41	Chemokine signaling and integrin activation in lymphocyte migration into the inflamed brain. <i>Journal of Neuroimmunology</i> , 2008 , 198, 20-6	3.5	28
40	A Stochastic Process Algebra Approach to Simulation of Autoreactive Lymphocyte Recruitment. <i>Simulation</i> , 2004 , 80, 273-288	1.2	27
39	Imaging of Leukocyte Trafficking in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2016 , 7, 33	8.4	26
38	Live Imaging of Immune Responses in Experimental Models of Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2016 , 7, 506	8.4	26
37	Production of tumor necrosis factor and other proinflammatory cytokines by human mononuclear phagocytes stimulated with myelin P2 protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 4414-8	11.5	22
36	Induction of adhesion molecules on human schwann cells by proinflammatory cytokines, an immunofluorescence study. <i>Journal of the Neurological Sciences</i> , 1999 , 170, 124-30	3.2	21
35	Histamine regulates autoreactive T cell activation and adhesiveness in inflamed brain microcirculation. <i>Journal of Leukocyte Biology</i> , 2011 , 89, 259-67	6.5	20
34	VCAM-1 expression on dystrophic muscle vessels has a critical role in the recruitment of human blood-derived CD133+ stem cells after intra-arterial transplantation. <i>Blood</i> , 2006 , 108, 2857-66	2.2	20
33	PSGL-1 as a novel therapeutic target. <i>Drug News and Perspectives</i> , 2004 , 17, 579-86		19
32	Blockade of β integrins reduces leukocyte-endothelial interactions in cerebral vessels and improves memory in a mouse model of Alzheimer's disease. <i>Scientific Reports</i> , 2019 , 9, 12055	4.9	18
31	Use of imaging to study leukocyte trafficking in the central nervous system. <i>Immunology and Cell Biology</i> , 2013 , 91, 271-80	5	18
30	Inverse agonism of cannabinoid CB1 receptor blocks the adhesion of encephalitogenic T cells in inflamed brain venules by a protein kinase A-dependent mechanism. <i>Journal of Neuroimmunology</i> , 2011 , 233, 97-105	3.5	18

29	Regulation of T cell trafficking by the T cell immunoglobulin and mucin domain 1 glycoprotein. <i>Trends in Molecular Medicine</i> , 2014 , 20, 675-84	11.5	17
28	New players in the neurovascular unit: insights from experimental and clinical epilepsy. <i>Neurochemistry International</i> , 2013 , 63, 652-9	4.4	17
27	Integration and independent acquisition of specialized skin- versus gut-homing and Th1 versus Th2 cytokine synthesis phenotypes in human CD4+ T cells. <i>European Journal of Immunology</i> , 2004 , 34, 2419-29	6.1	16
26	Concurrency in leukocyte vascular recognition: developing the tools for a predictive computer model. <i>Trends in Immunology</i> , 2004 , 25, 411-6	14.4	16
25	New models of intravital microscopy for analysis of chemokine receptor-mediated leukocyte vascular recognition. <i>Journal of Immunological Methods</i> , 2003 , 273, 115-23	2.5	14
24	The emerging role of neutrophils in neurodegeneration. <i>Immunobiology</i> , 2020 , 225, 151865	3.4	14
23	Toll-Like Receptor 2 Mediates In Vivo Pro- and Anti-inflammatory Effects of Mycobacterium Tuberculosis and Modulates Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2016 , 7, 191	8.4	13
22	Selectins and their ligands as potential immunotherapeutic targets in neurological diseases. <i>Immunotherapy</i> , 2013 , 5, 1207-20	3.8	12
21	Common Peripheral Immunity Mechanisms in Multiple Sclerosis and Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2021 , 12, 639369	8.4	12
20	LFA-1 Controls Th1 and Th17 Motility Behavior in the Inflamed Central Nervous System. <i>Frontiers in Immunology</i> , 2019 , 10, 2436	8.4	8
19	M tuberculosis in the adjuvant modulates time of appearance of CNS-specific effector T cells in the spleen through a polymorphic site of TLR2. <i>PLoS ONE</i> , 2013 , 8, e55819	3.7	8
18	Novel method for following lymphocyte traffic in mice using [³ H]glycerol labeling. <i>Journal of Immunological Methods</i> , 1997 , 203, 35-44	2.5	6
17	Cultured human monocytes release proinflammatory cytokines in response to myelin basic protein. <i>Neuroscience Letters</i> , 1998 , 252, 151-4	3.3	6
16	Therapeutic targeting of Lyn kinase to treat chorea-acanthocytosis. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 81	7.3	4
15	Visualization and analysis of adhesive events in brain microvessels by using intravital microscopy. <i>Methods in Molecular Biology</i> , 2004 , 239, 189-98	1.4	3
14	Targeting neuroinflammation in the treatment and prevention of Alzheimer's disease. <i>Drugs of the Future</i> , 2017 , 42, 21	2.3	3
13	Peli1 impairs microglial A β phagocytosis through promoting C/EBP β degradation. <i>PLoS Biology</i> , 2020 , 18, e3000837	9.7	3
12	Analysis of leukocyte recruitment in synovial microcirculation by intravital microscopy. <i>Methods in Molecular Medicine</i> , 2007 , 135, 333-41		2

11	Activation of Protein Tyrosine Phosphatase Receptor Type β Suppresses Mechanisms of Adhesion and Survival in Chronic Lymphocytic Leukemia Cells. <i>Journal of Immunology</i> , 2021 , 207, 671-684	5.3	2
10	Vaccination with (1-11)E2 in alum efficiently induces an antibody response to β amyloid without affecting brain β amyloid load and microglia activation in 3xTg mice. <i>Aging Clinical and Experimental Research</i> , 2021 , 33, 1383-1387	4.8	2
9	Development of central nervous system autoimmunity is impaired in the absence of Wiskott-Aldrich syndrome protein. <i>PLoS ONE</i> , 2014 , 9, e86942	3.7	1
8	A deadly migration. <i>Immunity</i> , 2010 , 32, 147-9	32.3	1
7	Efficient Simulation and Parametrization of Stochastic Petri Nets in SystemC: A Case study from Systems Biology 2019 ,		1
6	Lymphocyte-endothelial cell interaction 2006 , 39-54		0
5	A TLR/CD44 axis regulates T cell trafficking in experimental and human multiple sclerosis.. <i>IScience</i> , 2022 , 25, 103763	6.1	0
4	A Model Predicting Rolling Cells Percentage in Inflamed Brain Venules. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2013 , 65-80	0.3	
3	Mechanisms of Leukocyte Integrin Activation 2006 , 68-81		
2	On the Simulation and Automatic Parametrization of Metabolic Networks Through Electronic Design Automation. <i>Lecture Notes in Computer Science</i> , 2020 , 323-334	0.9	
1	Firm Adhesion of Neutrophils to Cerebral Vascular Endothelium In Vivo A Role for Cysleukotrienes. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 35-38	3.6	