

Gabriela Constantin

List of Publications by Year in Descending Order

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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	A TLR/CD44 axis regulates T cell trafficking in experimental and human multiple sclerosis.. <i>IScience</i> , 2022 , 25, 103763	6.1	0
81	Therapeutic targeting of Lyn kinase to treat chorea-acanthocytosis. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 81	7.3	4
80	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
79	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
78	Common Peripheral Immunity Mechanisms in Multiple Sclerosis and Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2021 , 12, 639369	8.4	12
77	Models of Neurodegenerative Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 328	5.7	66
76	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	
75	The emerging role of neutrophils in neurodegeneration. <i>Immunobiology</i> , 2020 , 225, 151865	3.4	14
74	Peli1 impairs microglial A β phagocytosis through promoting C/EBP β degradation. <i>PLoS Biology</i> , 2020 , 18, e3000837	9.7	3
73	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
72	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
71	Efficient Simulation and Parametrization of Stochastic Petri Nets in SystemC: A Case study from Systems Biology 2019 ,		1
70	Macrophage/microglial Ezh2 facilitates autoimmune inflammation through inhibition of Socs3. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1365-1382	16.6	85
69	Functional morphology of the blood-brain barrier in health and disease. <i>Acta Neuropathologica</i> , 2018 , 135, 311-336	14.3	303
68	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
67	The blood-brain barrier in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2017 , 107, 41-56	7.5	286
66	NETosis in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2017 , 8, 211	8.4	63

65	Targeting neuroinflammation in the treatment and prevention of Alzheimer's disease. <i>Drugs of the Future</i> , 2017 , 42, 21	2.3	3
64	Imaging of Leukocyte Trafficking in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2016 , 7, 33	8.4	26
63	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
62	Live Imaging of Immune Responses in Experimental Models of Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2016 , 7, 506	8.4	26
61	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
60	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
59	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
58	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
57	New players in the neurovascular unit: insights from experimental and clinical epilepsy. <i>Neurochemistry International</i> , 2013 , 63, 652-9	4.4	17
56	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
55	Leukocyte trafficking mechanisms in epilepsy. <i>Molecular Immunology</i> , 2013 , 55, 100-4	4.3	38
54	Use of imaging to study leukocyte trafficking in the central nervous system. <i>Immunology and Cell Biology</i> , 2013 , 91, 271-80	5	18
53	A Model Predicting Rolling Cells Percentage in Inflamed Brain Venules. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2013 , 65-80	0.3	
52	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 ⁹	33.9	93
51	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
50	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
49	Selectins and their ligands as potential immunotherapeutic targets in neurological diseases. <i>Immunotherapy</i> , 2013 , 5, 1207-20	3.8	12
48	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

47	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
46	Chemokines and the signaling modules regulating integrin affinity. <i>Frontiers in Immunology</i> , 2012 , 3, 127	8.4	47
45	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
44	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
43	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
42	Regulation of leukocyte recruitment by the long pentraxin PTX3. <i>Nature Immunology</i> , 2010 , 11, 328-34	19.1	322
41	The emerging role for chemokines in epilepsy. <i>Journal of Neuroimmunology</i> , 2010 , 224, 22-7	3.5	109
40	Treatment of refractory epilepsy with natalizumab in a patient with multiple sclerosis. Case report. <i>BMC Neurology</i> , 2010 , 10, 84	3.1	33
39	A deadly migration. <i>Immunity</i> , 2010 , 32, 147-9	32.3	1
38	Adipose-derived mesenchymal stem cells ameliorate chronic experimental autoimmune encephalomyelitis. <i>Stem Cells</i> , 2009 , 27, 2624-35	5.8	323
37	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
36	A role for leukocyte-endothelial adhesion mechanisms in epilepsy. <i>Nature Medicine</i> , 2008 , 14, 1377-83	50.5	388
35	Chemokine signaling and integrin activation in lymphocyte migration into the inflamed brain. <i>Journal of Neuroimmunology</i> , 2008 , 198, 20-6	3.5	28
34	Anti-selectin therapy for the treatment of inflammatory diseases. <i>Inflammation and Allergy: Drug Targets</i> , 2008 , 7, 85-93		43
33	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
32	Analysis of leukocyte recruitment in synovial microcirculation by intravital microscopy. <i>Methods in Molecular Medicine</i> , 2007 , 135, 333-41		2
31	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
30	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

29	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
28	Lymphocyte-endothelial cell interaction 2006 , 39-54		0
27	Mechanisms of Leukocyte Integrin Activation 2006 , 68-81		
26	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
25	Neurosphere-derived multipotent precursors promote neuroprotection by an immunomodulatory mechanism. <i>Nature</i> , 2005 , 436, 266-71	50.4	659
24	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
23	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
22	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
21	A Stochastic Process Algebra Approach to Simulation of Autoreactive Lymphocyte Recruitment. <i>Simulation</i> , 2004 , 80, 273-288	1.2	27
20	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
19	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
18	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
17	PSGL-1 as a novel therapeutic target. <i>Drug News and Perspectives</i> , 2004 , 17, 579-86		19
16	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
15	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
14	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
13	Firm Adhesion of Neutrophils to Cerebral Vascular Endothelium In Vivo: A Role for Cysteleukotrienes. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 35-38	3.6	
12	Rapid leukocyte integrin activation by chemokines. <i>Immunological Reviews</i> , 2002 , 186, 37-46	11.3	245

11	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
10	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
9	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
8	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
7	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
6	Cultured human monocytes release proinflammatory cytokines in response to myelin basic protein. <i>Neuroscience Letters</i> , 1998 , 252, 151-4	3.3	6
5	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
4	Novel method for following lymphocyte traffic in mice using [3H]glycerol labeling. <i>Journal of Immunological Methods</i> , 1997 , 203, 35-44	2.5	6
3	Sulfatides trigger cytokine gene expression and secretion in human monocytes. <i>FEBS Letters</i> , 1994 , 350, 66-70	3.8	34
2	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
1	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> , 1993 , 178, 2207-11	16.6	435