

Carlo Laudanna

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.

57
papers

6,482
citations

26
h-index

61
g-index

61
ext. papers

7,213
ext. citations

9.4
avg. IF

5.56
L-index

#	Paper	IF	Citations
57	A PI3K-mimetic peptide triggers CFTR gating, bronchodilation, and reduced inflammation in obstructive airway diseases.. <i>Science Translational Medicine</i> , 2022 , 14, eabl6328	17.5	0
56	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
55	Synergistic efficacy of the dual PI3K- β inhibitor duvelisib with the Bcl-2 inhibitor venetoclax in Richter syndrome PDX models. <i>Blood</i> , 2021 , 137, 3378-3389	2.2	5
54	Analysing omics data sets with weighted nodes networks (WNNets). <i>Scientific Reports</i> , 2021 , 11, 14447	4.9	0
53	Oxyresveratrol-Loaded PLGA Nanoparticles Inhibit Oxygen Free Radical Production by Human Monocytes: Role in Nanoparticle Biocompatibility. <i>Molecules</i> , 2021 , 26,	4.8	3
52	CCR7 signalosomes are preassembled on tips of lymphocyte microvilli in proximity to LFA-1. <i>Biophysical Journal</i> , 2021 , 120, 4002-4012	2.9	0
51	Computational Methods for Signal Transduction 2019 , 201-237		
50	Monocyte-to-macrophage switch reversibly impaired by Ibrutinib. <i>Oncotarget</i> , 2019 , 10, 1943-1956	3.3	8
49	Efficient Simulation and Parametrization of Stochastic Petri Nets in SystemC: A Case study from Systems Biology 2019 ,		1
48	Efficient lysis of B-chronic lymphocytic leukemia cells by the plant-derived sesquiterpene alcohol Ebisabolol, a dual proapoptotic and antiautophagic agent. <i>Oncotarget</i> , 2018 , 9, 25877-25890	3.3	5
47	CXCR4- and BCR-triggered integrin activation in B-cell chronic lymphocytic leukemia cells depends on JAK2-activated Bruton's tyrosine kinase. <i>Oncotarget</i> , 2018 , 9, 35123-35140	3.3	14
46	Proteomics-based network analysis characterizes biological processes and pathways activated by preconditioned mesenchymal stem cells in cardiac repair mechanisms. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 1190-1199	4	8
45	SOS1, ARHGEF1, and DOCK2 rho-GEFs Mediate JAK-Dependent LFA-1 Activation by Chemokines. <i>Journal of Immunology</i> , 2017 , 198, 708-717	5.3	14
44	The atypical receptor CCRL2 is required for CXCR2-dependent neutrophil recruitment and tissue damage. <i>Blood</i> , 2017 , 130, 1223-1234	2.2	31
43	Creating, generating and comparing random network models with Network Randomizer. <i>F1000Research</i> , 2016 , 5, 2524	3.6	19
42	Protein tyrosine phosphatase receptor type β is a JAK phosphatase and negatively regulates leukocyte integrin activation. <i>Journal of Immunology</i> , 2015 , 194, 2168-79	5.3	16
41	Finding the shortest path with PesCa: a tool for network reconstruction. <i>F1000Research</i> , 2015 , 4, 484	3.6	22

40	JAK2 tyrosine kinase mediates integrin activation induced by CXCL12 in B-cell chronic lymphocytic leukemia. <i>Oncotarget</i> , 2015 , 6, 34245-57	3.3	20
39	Biological network analysis with CentiScaPe: centralities and experimental dataset integration. <i>F1000Research</i> , 2014 , 3, 139	3.6	53
38	Node interference and robustness: performing virtual knock-out experiments on biological networks: the case of leukocyte integrin activation network. <i>PLoS ONE</i> , 2014 , 9, e88938	3.7	13
37	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
36	Biological network analysis with CentiScaPe: centralities and experimental dataset integration. <i>F1000Research</i> , 2014 , 3, 139	3.6	71
35	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
34	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
33	Computational identification of phospho-tyrosine sub-networks related to acanthocyte generation in neuroacanthocytosis. <i>PLoS ONE</i> , 2012 , 7, e31015	3.7	17
32	Chemokines and the signaling modules regulating integrin affinity. <i>Frontiers in Immunology</i> , 2012 , 3, 127	8.4	47
31	GDF-15 is an inhibitor of leukocyte integrin activation required for survival after myocardial infarction in mice. <i>Nature Medicine</i> , 2011 , 17, 581-8	50.5	316
30	Urokinase plasminogen activator inhibits HIV virion release from macrophage-differentiated chronically infected cells via activation of RhoA and PKC. <i>PLoS ONE</i> , 2011 , 6, e23674	3.7	12
29	RHOA and PRKCZ control different aspects of cell motility in pancreatic cancer metastatic clones. <i>Molecular Cancer</i> , 2010 , 9, 61	42.1	13
28	Analyzing biological network parameters with CentiScaPe. <i>Bioinformatics</i> , 2009 , 25, 2857-9	7.2	349
27	Integrin activation in the immune system. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2009 , 1, 116-127	6.6	16
26	Regulation of conformation-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
25	Beta-arrestin 2 is required for the induction and strengthening of integrin-mediated leukocyte adhesion during CXCR2-driven extravasation. <i>Blood</i> , 2009 , 114, 1073-82	2.2	22
24	RhoA is involved in LFA-1 extension triggered by CXCL12 but not in a novel outside-in LFA-1 activation facilitated by CXCL9. <i>Journal of Immunology</i> , 2008 , 180, 2815-23	5.3	30
23	Getting to the site of inflammation: the leukocyte adhesion cascade updated. <i>Nature Reviews Immunology</i> , 2007 , 7, 678-89	36.5	2949

22	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
21	Lymphocyte-endothelial cell interaction 2006 , 39-54		0
20	Mechanisms of Leukocyte Integrin Activation 2006 , 68-81		
19	Right on the spot. <i>Thrombosis and Haemostasis</i> , 2006 , 95, 5-11	7	118
18	Right on the spot. Chemokine triggering of integrin-mediated arrest of rolling leukocytes. <i>Thrombosis and Haemostasis</i> , 2006 , 95, 5-11	7	44
17	The soluble D2D3(88-274) fragment of the urokinase receptor inhibits monocyte chemotaxis and integrin-dependent cell adhesion. <i>Journal of Cell Science</i> , 2004 , 117, 2909-16	5-3	63
16	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
15	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
14	Analysis of integrin-dependent rapid adhesion under laminar-flow conditions. <i>Methods in Molecular Biology</i> , 2004 , 239, 17-26	1-4	1
13	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
12	Motility analysis of pancreatic adenocarcinoma cells reveals a role for the atypical zeta isoform of protein kinase C in cancer cell movement. <i>Laboratory Investigation</i> , 2003 , 83, 1155-63	5-9	20
11	Rapid leukocyte integrin activation by chemokines. <i>Immunological Reviews</i> , 2002 , 186, 37-46	11-3	245
10	Quantitative differences in chemokine receptor engagement generate diversity in integrin-dependent lymphocyte adhesion. <i>Journal of Immunology</i> , 2002 , 169, 2303-12	5-3	77
9	Neutrophils produce biologically active macrophage inflammatory protein-3[[MIP-3]]/ CCL20 and MIP-3[[MIP-3]]/ CCL19. <i>European Journal of Immunology</i> , 2001 , 31, 1981-1988	6-1	122
8	Neutrophils produce biologically active macrophage inflammatory protein-3[[MIP-3]]/ CCL20 and MIP-3[[MIP-3]]/ CCL19 2001 , 31, 1981		1
7	Neutrophils produce biologically active macrophage inflammatory protein-3[[MIP-3]]/ CCL20 and MIP-3[[MIP-3]]/ CCL19 2001 , 31, 1981		5
6	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
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	Elevation of intracellular cAMP inhibits RhoA activation and integrin-dependent leukocyte adhesion induced by chemoattractants. <i>Journal of Biological Chemistry</i> , 1997 , 272, 24141-4	5.4	170
3	Chronic tumor necrosis factor alters T cell responses by attenuating T cell receptor signaling. <i>Journal of Experimental Medicine</i> , 1997 , 185, 1573-84	16.6	257
2	Sulfatides trigger cytokine gene expression and secretion in human monocytes. <i>FEBS Letters</i> , 1994 , 350, 66-70	3.8	34
1	Phagocytosis of opsonized yeast induces tumor necrosis factor-alpha mRNA accumulation and protein release by human polymorphonuclear leukocytes. <i>Journal of Leukocyte Biology</i> , 1991 , 50, 223-8	6.5	68