

Clifford A Lowell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2618390/publications.pdf>

Version: 2024-02-01

90
papers

7,656
citations

57758

44
h-index

56724

83
g-index

93
all docs

93
docs citations

93
times ranked

11143
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophils in acute inflammation: current concepts and translational implications. <i>Blood</i> , 2022, 139, 2130-2144.	1.4	45
2	A dominant function of LynB kinase in preventing autoimmunity. <i>Science Advances</i> , 2022, 8, eabj5227.	10.3	3
3	Therapeutic inhibition of the SRC-kinase HCK facilitates T cell tumor infiltration and improves response to immunotherapy. <i>Science Advances</i> , 2022, 8, .	10.3	16
4	A CD22â€“Shp1 phosphatase axis controls integrin Î²7 display and B cell function in mucosal immunity. <i>Nature Immunology</i> , 2021, 22, 381-390.	14.5	19
5	A neutrophil subset defined by intracellular olfactomedin 4 is associated with mortality in sepsis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L892-L902.	2.9	21
6	Inhibitory affinity modulation of FcÎ³RIIA ligand binding by glycosphingolipids by inside-out signaling. <i>Cell Reports</i> , 2021, 35, 109142.	6.4	4
7	Diabetes With Multiple Autoimmune and Inflammatory Conditions Linked to an Activating SKAP2 Mutation. <i>Diabetes Care</i> , 2021, 44, 1816-1825.	8.6	5
8	HIV-1 Nef Induces Hck/Lyn-Dependent Expansion of Myeloid-Derived Suppressor Cells Associated with Elevated Interleukin-17/G-CSF Levels. <i>Journal of Virology</i> , 2021, 95, e0047121.	3.4	5
9	Signal Integration by Translocation and Phosphorylation of PKCÎ´ in the B Cell Alternate Pathway. <i>Journal of Immunology</i> , 2021, 207, ji2100295.	0.8	0
10	Neutrophil-specific deletion of Syk results in recruitment-independent stabilization of the barrier and a long-term improvement in cognitive function after traumatic injury to the developing brain. <i>Neurobiology of Disease</i> , 2021, 157, 105430.	4.4	4
11	Spleen tyrosine kinase facilitates neutrophil activation and worsens long-term neurologic deficits after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 302.	7.2	9
12	Shp1 Loss Enhances Macrophage Effector Function and Promotes Anti-Tumor Immunity. <i>Frontiers in Immunology</i> , 2020, 11, 576310.	4.8	23
13	ORAI1 and ORAI2 modulate murine neutrophil calcium signaling, cellular activation, and host defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24403-24414.	7.1	27
14	The Ubiquitin-Modifying Enzyme A20 Terminates C-Type Lectin Receptor Signals and Is a Suppressor of Host Defense against Systemic Fungal Infection. <i>Infection and Immunity</i> , 2020, 88, .	2.2	1
15	Complement activation on endothelium initiates antibody-mediated acute lung injury. <i>Journal of Clinical Investigation</i> , 2020, 130, 5909-5923.	8.2	32
16	Src family kinase-mediated vesicle trafficking is critical for neutrophil basement membrane penetration. <i>Haematologica</i> , 2020, 105, 1845-1856.	3.5	14
17	L-selectin shedding affects bacterial clearance in the lung: a new regulatory pathway for integrin outside-in signaling. <i>Blood</i> , 2019, 134, 1445-1457.	1.4	22
18	CARD9 mediates dendritic cellâ€“induced development of Lyn deficiencyâ€“associated autoimmune and inflammatory diseases. <i>Science Signaling</i> , 2019, 12, .	3.6	19

#	ARTICLE	IF	CITATIONS
19	CRAC channel regulation of innate immune cells in health and disease. <i>Cell Calcium</i> , 2019, 78, 56-65.	2.4	37
20	Relief of tumor hypoxia unleashes the tumoricidal potential of neutrophils. <i>Journal of Clinical Investigation</i> , 2019, 130, 389-403.	8.2	70
21	PRN473, an inhibitor of Bruton's tyrosine kinase, inhibits neutrophil recruitment <i>via</i> inhibition of macrophage antigen-1 signalling. <i>British Journal of Pharmacology</i> , 2018, 175, 429-439.	5.4	17
22	Early Targeting of L-Selectin on Leukocytes Promotes Recovery after Spinal Cord Injury, Implicating Novel Mechanisms of Pathogenesis. <i>ENeuro</i> , 2018, 5, ENEURO.0101-18.2018.	1.9	18
23	Skap2 is required for β 2 integrin-mediated neutrophil recruitment and functions. <i>Journal of Experimental Medicine</i> , 2017, 214, 851-874.	8.5	49
24	Inhibition of Hematopoietic Cell Kinase Activity Suppresses Myeloid Cell-Mediated Colon Cancer Progression. <i>Cancer Cell</i> , 2017, 31, 563-575.e5.	16.8	57
25	SLAMF7 is critical for phagocytosis of haematopoietic tumour cells via Mac-1 integrin. <i>Nature</i> , 2017, 544, 493-497.	27.8	188
26	Shp1 function in myeloid cells. <i>Journal of Leukocyte Biology</i> , 2017, 102, 657-675.	3.3	58
27	Efficiency and Specificity of Gene Deletion in Lung Epithelial Doxycycline-Inducible Cre Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 248-257.	2.9	10
28	B cell autoimmunity at the extremes. <i>Nature Immunology</i> , 2017, 18, 1065-1066.	14.5	4
29	STIM1 and STIM2 cooperatively regulate mouse neutrophil store-operated calcium entry and cytokine production. <i>Blood</i> , 2017, 130, 1565-1577.	1.4	53
30	Role of MyD88 signaling in the imiquimod-induced mouse model of psoriasis: focus on innate myeloid cells. <i>Journal of Leukocyte Biology</i> , 2017, 102, 791-803.	3.3	23
31	Neutrophils: Their Role in Innate and Adaptive Immunity 2017. <i>Journal of Immunology Research</i> , 2017, 1-2.	2.2	64
32	Determinants of Divergent Adaptive Immune Responses after Airway Sensitization with Ligands of Toll-Like Receptor 5 or Toll-Like Receptor 9. <i>PLoS ONE</i> , 2016, 11, e0167693.	2.5	11
33	Neutrophils in animal models of autoimmune disease. <i>Seminars in Immunology</i> , 2016, 28, 174-186.	5.6	29
34	Leishmania Uses Mincle to Target an Inhibitory ITAM Signaling Pathway in Dendritic Cells that Dampens Adaptive Immunity to Infection. <i>Immunity</i> , 2016, 45, 788-801.	14.3	76
35	Downregulation of the Syk Signaling Pathway in Intestinal Dendritic Cells Is Sufficient To Induce Dendritic Cells That Inhibit Colitis. <i>Journal of Immunology</i> , 2016, 197, 2948-2957.	0.8	27
36	The Neutrophil Btk Signalosome Regulates Integrin Activation during Sterile Inflammation. <i>Immunity</i> , 2016, 44, 73-87.	14.3	80

#	ARTICLE	IF	CITATIONS
37	Immune Defense Protein Expression in Highly Purified Mouse Lung Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 802-813.	2.9	18
38	Targeting NF-KB Activation in Novel Intracranial Models of CNS Lymphoma. <i>Blood</i> , 2016, 128, 777-777.	1.4	2
39	FleA Expression in <i>Aspergillus fumigatus</i> Is Recognized by Fucosylated Structures on Mucins and Macrophages to Prevent Lung Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005555.	4.7	44
40	MyD88 Shapes Vaccine Immunity by Extrinsically Regulating Survival of CD4+ T Cells during the Contraction Phase. <i>PLoS Pathogens</i> , 2016, 12, e1005787.	4.7	7
41	Intracellular signalling during neutrophil recruitment. <i>Cardiovascular Research</i> , 2015, 107, 373-385.	3.8	120
42	Recipient clinical risk factors predominate in possible transfusion-related acute lung injury. <i>Transfusion</i> , 2015, 55, 947-952.	1.6	40
43	Store-operated calcium signaling in neutrophils. <i>Journal of Leukocyte Biology</i> , 2015, 98, 497-502.	3.3	59
44	The Src-Family Kinases Hck and Fgr Regulate Early Lipopolysaccharide-Induced Myeloid Cell Recruitment into the Lung and Their Ability To Secrete Chemokines. <i>Journal of Immunology</i> , 2015, 195, 2383-2395.	0.8	29
45	Cross-Talk between Shp1 and PIPKÎ³ Controls Leukocyte Recruitment. <i>Journal of Immunology</i> , 2015, 195, 1152-1161.	0.8	20
46	Signalling thresholds and negative B-cell selection in acute lymphoblastic leukaemia. <i>Nature</i> , 2015, 521, 357-361.	27.8	127
47	Splenic Dendritic Cells Survey Red Blood Cells for Missing Self-CD47 to Trigger Adaptive Immune Responses. <i>Immunity</i> , 2015, 43, 764-775.	14.3	101
48	LynA regulates an inflammation-sensitive signaling checkpoint in macrophages. <i>ELife</i> , 2015, 4, .	6.0	31
49	Targeted Activation of B Cell Autoimmunity Checkpoints in Acute Lymphoblastic Leukemia. <i>Blood</i> , 2015, 126, 3716-3716.	1.4	0
50	STIM1 calcium sensor is required for activation of the phagocyte oxidase during inflammation and host defense. <i>Blood</i> , 2014, 123, 2238-2249.	1.4	76
51	Requirement for MyD88 Signaling in B Cells and Dendritic Cells for Germinal Center Anti-Nuclear Antibody Production in Lyn-Deficient Mice. <i>Journal of Immunology</i> , 2014, 192, 875-885.	0.8	83
52	ROS-Triggered Phosphorylation of Complex II by Fgr Kinase Regulates Cellular Adaptation to Fuel Use. <i>Cell Metabolism</i> , 2014, 19, 1020-1033.	16.2	101
53	B Cell-Specific Loss of Lyn Kinase Leads to Autoimmunity. <i>Journal of Immunology</i> , 2014, 192, 919-928.	0.8	104
54	The Src family kinases Hck, Fgr, and Lyn are critical for the generation of the in vivo inflammatory environment without a direct role in leukocyte recruitment. <i>Journal of Experimental Medicine</i> , 2014, 211, 1993-2011.	8.5	124

#	ARTICLE	IF	CITATIONS
55	Actin Cytoskeleton Reorganization by Syk Regulates Fc γ 3 Receptor Responsiveness by Increasing Its Lateral Mobility and Clustering. <i>Developmental Cell</i> , 2014, 29, 534-546.	7.0	103
56	Comparative analysis of the efficiency and specificity of myeloid-Cre deleting strains using ROSA-EYFP reporter mice. <i>Journal of Immunological Methods</i> , 2014, 408, 89-100.	1.4	403
57	Distinct Roles for Neutrophils and Dendritic Cells in Inflammation and Autoimmunity in motheaten Mice. <i>Immunity</i> , 2013, 38, 489-501.	14.3	107
58	Hyperactivated MyD88 signaling in dendritic cells, through specific deletion of Lyn kinase, causes severe autoimmunity and inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3311-20.	7.1	78
59	Novel Intracranial Xenografts Of CNS Lymphoma Implicate a Role For Cereblon As a Mediator Of Lenalidomide Efficacy. <i>Blood</i> , 2013, 122, 374-374.	1.4	1
60	Inhibitory Receptors and Phosphatases Enable Oncogenic Tyrosine Kinase Signaling In B Cell Lineage Leukemia. <i>Blood</i> , 2013, 122, 229-229.	1.4	0
61	Transfusion-related acute lung injury: incidence and risk factors. <i>Blood</i> , 2012, 119, 1757-1767.	1.4	493
62	B cell-derived IL-10 suppresses inflammatory disease in Lyn-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E823-32.	7.1	69
63	Src-family and Syk Kinases in Activating and Inhibitory Pathways in Innate Immune Cells: Signaling Cross Talk. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a002352-a002352.	5.5	209
64	Neutrophils give us a shock. <i>Journal of Clinical Investigation</i> , 2011, 121, 1260-1263.	8.2	8
65	Overview: Studying Integrins In Vivo. <i>Methods in Molecular Biology</i> , 2011, 757, 369-397.	0.9	88
66	Myeloid cells, BAFF, and IFN- γ establish an inflammatory loop that exacerbates autoimmunity in Lyn-deficient mice. <i>Journal of Experimental Medicine</i> , 2010, 207, 1757-1773.	8.5	93
67	SYK Is a Tumor Suppressor In Pre-B Cell Acute Lymphoblastic Leukemia and Not a Therapeutic Target. <i>Blood</i> , 2010, 116, 4199-4199.	1.4	0
68	Mechanisms of Pre-B Cell Receptor-Inactivation In Acute Lymphoblastic Leukemia. <i>Blood</i> , 2010, 116, 147-147.	1.4	1
69	Multiple roles of Lyn kinase in myeloid cell signaling and function. <i>Immunological Reviews</i> , 2009, 228, 23-40.	6.0	124
70	The Ins and Outs of Leukocyte Integrin Signaling. <i>Annual Review of Immunology</i> , 2009, 27, 339-362.	21.8	473
71	Platelet depletion and aspirin treatment protect mice in a two-event model of transfusion-related acute lung injury. <i>Journal of Clinical Investigation</i> , 2009, 119, 3450-61.	8.2	342
72	Immunoreceptor tyrosine-based activation motif (ITAM)-containing adapters DAP12 and Fc γ 3 required for E-selectin mediated slow rolling. <i>FASEB Journal</i> , 2008, 22, 1071.1.	0.5	0

#	ARTICLE	IF	CITATIONS
73	Regulation of myeloproliferation and M2 macrophage programming by Lyn/Hck, SHIP and Stat5. <i>FASEB Journal</i> , 2008, 22, 844-9.	0.5	0
74	Cutting Edge: B Cell Receptor (BCR) Cross-Talk: The IL-4-Induced Alternate Pathway for BCR Signaling Operates in Parallel with the Classical Pathway, Is Sensitive to Rottlerin, and Depends on Lyn. <i>Journal of Immunology</i> , 2007, 178, 4726-4730.	0.8	20
75	Rewiring Phagocytic Signal Transduction. <i>Immunity</i> , 2006, 24, 243-245.	14.3	32
76	Mac-1 Signaling via Src-Family and Syk Kinases Results in Elastase-Dependent Thrombohemorrhagic Vasculopathy. <i>Immunity</i> , 2006, 25, 271-283.	14.3	111
77	Impaired Integrin-Dependent Function in Wiskott-Aldrich Syndrome Protein-Deficient Murine and Human Neutrophils. <i>Immunity</i> , 2006, 25, 285-295.	14.3	130
78	Neutrophils and their Fc γ receptors are essential in a mouse model of transfusion-related acute lung injury. <i>Journal of Clinical Investigation</i> , 2006, 116, 1615-1623.	8.2	273
79	The Lyn Tyrosine Kinase Differentially Regulates Dendritic Cell Generation and Maturation. <i>Journal of Immunology</i> , 2005, 175, 2880-2889.	0.8	52
80	Src-family kinases: rheostats of immune cell signaling. <i>Molecular Immunology</i> , 2004, 41, 631-643.	2.2	202
81	Essential role of Src-family protein tyrosine kinases in NF- κ B activation during B cell development. <i>Nature Immunology</i> , 2003, 4, 274-279.	14.5	277
82	The Lyn Tyrosine Kinase Negatively Regulates Neutrophil Integrin Signaling. <i>Journal of Immunology</i> , 2003, 171, 1319-1327.	0.8	92
83	Syk Is Required for Integrin Signaling in Neutrophils. <i>Immunity</i> , 2002, 16, 547-558.	14.3	391
84	Lupus-like kidney disease in mice deficient in the Src family tyrosine kinases Lyn and Fyn. <i>Current Biology</i> , 2001, 11, 34-38.	3.9	107
85	A CD19-Dependent Signaling Pathway Regulates Autoimmunity in Lyn-Deficient Mice. <i>Journal of Immunology</i> , 2001, 167, 2469-2478.	0.8	56
86	Flow cytometric detection of CD10 (cALLA) on peripheral blood B lymphocytes of neonates. <i>British Journal of Haematology</i> , 1999, 107, 712-715.	2.5	25
87	Integrin signal transduction in myeloid leukocytes. <i>Journal of Leukocyte Biology</i> , 1999, 65, 313-320.	3.3	121
88	Defective negative regulation of antigen receptor signaling in Lyn-deficient B lymphocytes. <i>Current Biology</i> , 1998, 8, 545-553.	3.9	158
89	Lipopolysaccharide (LPS)-induced Macrophage Activation and Signal Transduction in the Absence of Src-Family Kinases Hck, Fgr, and Lyn. <i>Journal of Experimental Medicine</i> , 1997, 185, 1661-1670.	8.5	380
90	Characterization of the B Lymphocyte Populations in Lyn-Deficient Mice and the Role of Lyn in Signal Initiation and Down-Regulation. <i>Immunity</i> , 1997, 7, 69-81.	14.3	409