

Paige Lacy

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

5,210
citations

117571

34
h-index

88593

70
g-index

114
all docs

114
docs citations

114
times ranked

7041
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic effects of occupational exposure to mineral fibres and recurrent chest infections in insulators. <i>ERJ Open Research</i> , 2022, 8, 00095-2022.	1.1	1
2	The Influence of Artificial Light at Night on Asthma and Allergy, Mental Health, and Cancer Outcomes: A Systematic Scoping Review Protocol. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8522.	1.2	2
3	Cytokine trafficking of IL-9 and IL-13 through TfnRc+ vesicles in activated human eosinophils. <i>Journal of Leukocyte Biology</i> , 2021, 109, 753-762.	1.5	4
4	Assessment of Lung Eosinophils In Situ Using Immunohistological Staining. <i>Methods in Molecular Biology</i> , 2021, 2223, 237-266.	0.4	2
5	Eosinophil Shape Change and Secretion. <i>Methods in Molecular Biology</i> , 2021, 2241, 199-219.	0.4	3
6	Role of Living Conditions and Socioenvironmental Factors on Chronotype in Adolescents. <i>Adolescents</i> , 2021, 1, 95-107.	0.3	2
7	Neutrophils promote T-cell activation through the regulated release of CD44-bound Galectin-9 from the cell surface during HIV infection. <i>PLoS Biology</i> , 2021, 19, e3001387.	2.6	20
8	Molecular Biology of Eosinophils: Introduction. <i>Methods in Molecular Biology</i> , 2021, 2241, 1-14.	0.4	2
9	Functionally Active Eosinophil Purification from Peripheral Blood. <i>Methods in Molecular Biology</i> , 2021, 2241, 15-25.	0.4	1
10	Short-Term Acute Exposure to Wildfire Smoke and Lung Function among Royal Canadian Mounted Police (RCMP) Officers. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11787.	1.2	5
11	Biologics in Asthma: A Molecular Perspective to Precision Medicine. <i>Frontiers in Pharmacology</i> , 2021, 12, 793409.	1.6	28
12	Interleukin-5 drives glycolysis and reactive oxygen species-dependent citric acid cycling by eosinophils. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1361-1370.	2.7	17
13	Non-Malignant Respiratory Illnesses in Association with Occupational Exposure to Asbestos and Other Insulating Materials: Findings from the Alberta Insulator Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7085.	1.2	13
14	Structural and posttranslational analysis of human calcium-binding protein, spermatid-associated 1. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4945-4958.	1.2	3
15	Asbestos-Related Lung Disease in Industrial Workers That Have Never Reported Exposure to Asbestos?. , 2020, , .		0
16	Gr1 makes an unexpected cameo appearance in eosinophils. <i>Journal of Leukocyte Biology</i> , 2020, 107, 363-365.	1.5	2
17	Occupational exposure to ceramic fibers and respiratory health among insulators. , 2020, , .		0
18	Sputum autoantibody-mediated macrophage dysfunction in severe eosinophilic asthmatics with recurrent infections. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, AB189.	1.5	5

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19	Eosinophil peroxidase oxidizes isoniazid to form the active metabolite against M. tuberculosis, isoniazid-NAD ⁺ . <i>Chemico-Biological Interactions</i> , 2019, 305, 48-53.	1.7	9
20	Sputum Antineutrophil Cytoplasmic Antibodies in Serum Antineutrophil Cytoplasmic Antibodyâ€“Negative Eosinophilic Granulomatosis with Polyangiitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 158-170.	2.5	43
21	Longitudinal analysis of chronic occupational exposure in insulators. , 2019, , .		0
22	Comparison of computational approaches for identification and quantification of urinary metabolites in ¹ H NMR spectra. <i>Analytical Methods</i> , 2018, 10, 2129-2137.	1.3	4
23	Sputum autoantibodies in patients with severe eosinophilic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1269-1279.	1.5	93
24	Eosinophil Extracellular Traps and Inflammatory Pathologiesâ€“Untangling the Web!. <i>Frontiers in Immunology</i> , 2018, 9, 2763.	2.2	90
25	Vesicle-associated membrane protein 7-mediated eosinophil degranulation promotes allergic airway inflammation in mice. <i>Communications Biology</i> , 2018, 1, 83.	2.0	18
26	Regulatory Mechanisms in Neutrophil Degranulation. , 2018, , 191-210.		1
27	Late Breaking Abstract - Analysis of chronic occupational exposure in non-smoking insulators. , 2018, , .		1
28	Dataset of urinary metabolites measured by ¹ H NMR analysis of normal human urine. <i>Data in Brief</i> , 2017, 10, 227-229.	0.5	1
29	Editorial: Searching for definitive evidence of the role of eosinophils in lung disease: are we there yet?. <i>Journal of Leukocyte Biology</i> , 2017, 102, 571-573.	1.5	0
30	Improved recovery of functionally active eosinophils and neutrophils using novel immunomagnetic technology. <i>Journal of Immunological Methods</i> , 2017, 449, 44-55.	0.6	29
31	Assessment of ¹ H NMR-based metabolomics analysis for normalization of urinary metals against creatinine. <i>Clinica Chimica Acta</i> , 2017, 464, 37-43.	0.5	11
32	Eosinophil Cytokines in Allergy. , 2017, , 173-218.		14
33	Metabolomics and Its Application to Acute Lung Diseases. <i>Frontiers in Immunology</i> , 2016, 7, 44.	2.2	94
34	Calcitriol Reduces Eosinophil Necrosis Which Leads to the Diminished Release of Cytotoxic Granules. <i>International Archives of Allergy and Immunology</i> , 2016, 171, 119-129.	0.9	12
35	Pathogenic Autoantibodies in Patients with Severe Asthma and Sputum Eosinophils. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, AB409.	1.5	2
36	AllerGenâ€™s 8th research conference. <i>Allergy, Asthma and Clinical Immunology</i> , 2016, 12, .	0.9	0

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37	Cyclin-dependent kinase 5 regulates degranulation in human eosinophils. <i>Immunology</i> , 2015, 144, 641-648.	2.0	13
38	Editorial: Secretion of Cytokines and Chemokines by Innate Immune Cells. <i>Frontiers in Immunology</i> , 2015, 6, 190.	2.2	33
39	Signal Intensities Derived from Different NMR Probes and Parameters Contribute to Variations in Quantification of Metabolites. <i>PLoS ONE</i> , 2014, 9, e85732.	1.1	38
40	Identification of Human Eosinophils in Whole Blood by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2014, 1178, 81-92.	0.4	15
41	Granule Protein Processing and Regulated Secretion in Neutrophils. <i>Frontiers in Immunology</i> , 2014, 5, 448.	2.2	155
42	Eosinophil activities modulate the immune/inflammatory character of allergic respiratory responses in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 315-327.	2.7	53
43	Rac1 and Rac2 control distinct events during antigen-stimulated mast cell exocytosis. <i>Journal of Leukocyte Biology</i> , 2014, 95, 763-774.	1.5	19
44	Eosinophil Cytokines, Chemokines, and Growth Factors: Emerging Roles in Immunity. <i>Frontiers in Immunology</i> , 2014, 5, 570.	2.2	250
45	Rac2 is involved in bleomycin-induced lung inflammation leading to pulmonary fibrosis. <i>Respiratory Research</i> , 2014, 15, 71.	1.4	28
46	The Rho GTPase Rac1 is required for recycling endosome-mediated secretion of TNF in macrophages. <i>Immunology and Cell Biology</i> , 2014, 92, 275-286.	1.0	17
47	Calcitriol reduces eosinophil cytolysis and release of cytotoxic granules in vitro. <i>Allergy, Asthma and Clinical Immunology</i> , 2014, 10, .	0.9	0
48	The SNARE VAMP-7 Contributes To Eosinophil Degranulation, In Vivo. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, AB159.	1.5	0
49	Trafficking of TNF via recycling endosomes in neutrophils. <i>Allergy, Asthma and Clinical Immunology</i> , 2014, 10, .	0.9	2
50	28 days later: eosinophils stop viruses. <i>Blood</i> , 2014, 123, 609-611.	0.6	5
51	Eosinophil Overview: Structure, Biological Properties, and Key Functions. <i>Methods in Molecular Biology</i> , 2014, 1178, 1-12.	0.4	17
52	Eosinophil Shape Change and Secretion. <i>Methods in Molecular Biology</i> , 2014, 1178, 111-128.	0.4	11
53	An essential role for Rab27a GTPase in eosinophil exocytosis. <i>Journal of Leukocyte Biology</i> , 2013, 94, 1265-1274.	1.5	23
54	Homologous recombination into the eosinophil peroxidase locus generates a strain of mice expressing <i>Cre</i> recombinase exclusively in eosinophils. <i>Journal of Leukocyte Biology</i> , 2013, 94, 17-24.	1.5	85

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55	A new way of trapping bugs: neutrophil microvesicles. <i>Blood</i> , 2013, 121, 420-421.	0.6	4
56	Human versus mouse eosinophils: “That which we call an eosinophil, by any other name would stain as red” • <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 572-584.	1.5	165
57	A sensitive high throughput ELISA for human eosinophil peroxidase: A specific assay to quantify eosinophil degranulation from patient-derived sources. <i>Journal of Immunological Methods</i> , 2012, 384, 10-20.	0.6	38
58	Neutrophil Effector Responses Are Inhibited By CVT-E002, The Active Ingredient Of COLD-FX. , 2012, , .		0
59	The development of a sensitive and specific ELISA for mouse eosinophil peroxidase: Assessment of eosinophil degranulation ex vivo and in models of human disease. <i>Journal of Immunological Methods</i> , 2012, 375, 138-147.	0.6	34
60	Cytokine release from innate immune cells: association with diverse membrane trafficking pathways. <i>Blood</i> , 2011, 118, 9-18.	0.6	296
61	Proteomic analysis of secretagogue-stimulated neutrophils implicates a role for actin and actin-interacting proteins in Rac2-mediated granule exocytosis. <i>Proteome Science</i> , 2011, 9, 70.	0.7	12
62	Inhibition of neutrophil respiratory burst and degranulation responses by CVT-E002, the main active ingredient in COLD-FX. <i>Allergy, Asthma and Clinical Immunology</i> , 2011, 7, .	0.9	2
63	Agonist Activation of F-Actin-Mediated Eosinophil Shape Change and Mediator Release Is Dependent on Rac2. <i>International Archives of Allergy and Immunology</i> , 2011, 156, 137-147.	0.9	22
64	Metabolomics of sepsis-induced acute lung injury: a new approach for biomarkers. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 300, L1-L3.	1.3	31
65	Mouse and Human Eosinophils Degranulate in Response to Platelet-Activating Factor (PAF) and LysoPAF via a PAF-Receptor“Independent Mechanism: Evidence for a Novel Receptor. <i>Journal of Immunology</i> , 2010, 184, 6327-6334.	0.4	75
66	Pathways for Cytokine Secretion. <i>Physiology</i> , 2010, 25, 218-229.	1.6	161
67	Mutations in CCR3 render it missing in action. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 158-159.	1.5	0
68	Regulation of inflammation by Rac2 in immune complex-mediated acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L1091-L1102.	1.3	32
69	<i>Streptococcus pneumoniae</i> and <i>Staphylococcus aureus</i> Pneumonia Induce Distinct Metabolic Responses. <i>Journal of Proteome Research</i> , 2009, 8, 3029-3036.	1.8	95
70	Biology of Eosinophils. , 2009, , 295-310.		3
71	Eosinophils: Biological Properties and Role in Health and Disease. <i>Clinical and Experimental Allergy</i> , 2008, 38, 709-750.	1.4	702
72	Rac2 Function in Eosinophil Superoxide Generation and Allergic Airway Inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, S42-S43.	1.5	0

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73	Vesicle-associated membrane protein 7 (VAMP-7) is essential for target cell killing in a natural killer cell line. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 617-623.	1.0	40
74	Primary granule exocytosis in human neutrophils is regulated by Rac-dependent actin remodeling. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C1354-C1365.	2.1	87
75	Control of granule exocytosis in neutrophils. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 5559.	3.0	65
76	Mechanisms of Degranulation in Neutrophils. <i>Allergy, Asthma and Clinical Immunology</i> , 2006, 2, 98-108.	0.9	319
77	A critical role for vesicle-associated membrane protein-7 in exocytosis from human eosinophils and neutrophils. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 777-784.	2.7	89
78	Fluticasone Reduces CRP in COPD. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1191-1192.	2.5	0
79	Dendritic cells thrive on Rac1. <i>Blood</i> , 2005, 105, 433-433.	0.6	0
80	The role of Rho GTPases and SNAREs in mediator release from granulocytes. , 2005, 107, 358-376.		36
81	Effects of Clarithromycin on Inflammatory Cell Mediator Release and Survival. <i>Chemotherapy</i> , 2005, 51, 206-210.	0.8	10
82	Neutrophil primary granule release and maximal superoxide generation depend on Rac2 in a common signalling pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , 2005, 83, 69-75.	0.7	25
83	Sputum analysis in diagnosis and management of obstructive airway diseases. <i>Therapeutics and Clinical Risk Management</i> , 2005, 1, 169-79.	0.9	14
84	Effects of Fluticasone on Systemic Markers of Inflammation in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 760-765.	2.5	329
85	Anaplasma phagocytophilum Utilizes Multiple Host Evasion Mechanisms To Thwart NADPH Oxidase-Mediated Killing during Neutrophil Infection. <i>Infection and Immunity</i> , 2004, 72, 4772-4783.	1.0	120
86	Mast Cell Tryptase Activates Peripheral Blood Eosinophils to Release Granule-Associated Enzymes. <i>International Archives of Allergy and Immunology</i> , 2004, 135, 196-204.	0.9	29
87	The induction of eosinophil peroxidase release: improved methods of measurement and stimulation. <i>Journal of Immunological Methods</i> , 2004, 291, 101-108.	0.6	43
88	Eosinophil function in allergic inflammation: From bone marrow to tissue response. <i>Current Allergy and Asthma Reports</i> , 2004, 4, 149-158.	2.4	23
89	NMR analysis of neutrophil activation in sputum samples from patients with cystic fibrosis. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 807-814.	1.9	34
90	Rac2 is critical for neutrophil primary granule exocytosis. <i>Blood</i> , 2004, 104, 832-839.	0.6	148

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91	Divergence of Mechanisms Regulating Respiratory Burst in Blood and Sputum Eosinophils and Neutrophils from Atopic Subjects. <i>Journal of Immunology</i> , 2003, 170, 2670-2679.	0.4	84
92	Expression of eosinophil target SNAREs as potential cognate receptors for vesicle-associated membrane protein-2 in exocytosis. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 109, 299-306.	1.5	56
93	Mechanisms of eosinophil recruitment and activation. <i>Current Allergy and Asthma Reports</i> , 2002, 2, 107-116.	2.4	17
94	Human eosinophils express and release IL-13 following CD28-dependent activation. <i>Journal of Leukocyte Biology</i> , 2002, 72, 769-79.	1.5	63
95	Fusion protein vesicle-associated membrane protein 2 is implicated in IFN- γ -induced piecemeal degranulation in human eosinophils from atopic individuals. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 107, 671-678.	1.5	62
96	A report from the International Eosinophil Society: Eosinophils in a tug of war. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 108, 895-900.	1.5	11
97	Immune effector functions of eosinophils in allergic airway inflammation. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2001, 1, 79-84.	1.1	32
98	Tracing Intracellular Mediator Storage and Mobilization in Eosinophils. , 2001, 56, 367-381.		0
99	Immune effector functions of eosinophils in allergic airway inflammation. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2001, 1, 79-84.	1.1	37
100	Molecular Mechanisms in Eosinophil Activation. , 2000, 78, 189-198.		10
101	Interleukin-4 and RANTES expression in maturing eosinophils derived from human cord blood CD34+ progenitors. <i>Immunology</i> , 2000, 101, 419-425.	2.0	17
102	The influence of infections on the development and severity of allergic disorders. <i>Current Opinion in Immunology</i> , 2000, 12, 632-640.	2.4	80
103	New concepts in effector functions of eosinophil cytokines. <i>Clinical and Experimental Allergy</i> , 2000, 30, 1667-1671.	1.4	22
104	Immunofluorescence analysis of cytokine and granule protein expression during eosinophil maturation from cord blood-derived CD34+ progenitors. <i>Journal of Allergy and Clinical Immunology</i> , 2000, 105, 1178-1184.	1.5	23
105	Replenishment of RANTES mRNA expression in activated eosinophils from atopic asthmatics. <i>Immunology</i> , 2000, 99, 591-599.	2.0	17
106	Rapid Mobilization of Intracellularly Stored RANTES in Response to Interferon- γ in Human Eosinophils. <i>Blood</i> , 1999, 94, 23-32.	0.6	130
107	Exocytotic events in eosinophils and mast cells. <i>Clinical and Experimental Allergy</i> , 1999, 29, 1017-1022.	1.4	32
108	Expression and translocation of Rac2 in eosinophils during superoxide generation. <i>Immunology</i> , 1999, 98, 244-252.	2.0	26

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109	Inhibition of nonspecific binding of fluorescent-labelled antibodies to human eosinophils. Journal of Immunological Methods, 1998, 217, 113-119.	0.6	27
110	Intracellular Localization of Interleukin-6 in Eosinophils From Atopic Asthmatics and Effects of Interferon \hat{I}^3 . Blood, 1998, 91, 2508-2516.	0.6	80
111	Intracellular Localization of Interleukin-6 in Eosinophils From Atopic Asthmatics and Effects of Interferon \hat{I}^3 . Blood, 1998, 91, 2508-2516.	0.6	3
112	Salt-soluble collagen and elastin in the human aorta and pulmonary artery. Experimental and Molecular Pathology, 1991, 55, 25-29.	0.9	1