

Melody G Duvall

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

7,008
citations

109264

35
h-index

189801

50
g-index

54
all docs

54
docs citations

54
times ranked

9195
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of clonal hematopoiesis with chronic obstructive pulmonary disease. <i>Blood</i> , 2022, 139, 357-368.	0.6	106
2	A targetable "rogue" neutrophil-subset, [CD11b+DEspR+] immunotype, is associated with severity and mortality in acute respiratory distress syndrome (ARDS) and COVID-19-ARDS. <i>Scientific Reports</i> , 2022, 12, 5583.	1.6	9
3	Specialized pro-resolving mediators in respiratory diseases. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2022, 25, 67-74.	1.3	15
4	Allergic asthma is a risk factor for human cardiovascular diseases. , 2022, 1, 417-430.		8
5	Invasive and noninvasive ventilation strategies for acute respiratory failure in children with coronavirus disease 2019. <i>Current Opinion in Pediatrics</i> , 2021, 33, 311-318.	1.0	5
6	Lipid-Derived Mediators are Pivotal to Leukocyte and Lung Cell Responses in Sepsis and ARDS. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 449-459.	0.9	3
7	Fully Automated, Sample-to-Answer Leukocyte Functional Assessment Platform for Continuous Sepsis Monitoring via Microliters of Blood. <i>ACS Sensors</i> , 2021, 6, 2747-2756.	4.0	12
8	Inflammation resolution circuits are uncoupled in acute sepsis and correlate with clinical severity. <i>JCI Insight</i> , 2021, 6, .	2.3	4
9	Estimated Ventricular Size, Asthma Severity, and Exacerbations. <i>Chest</i> , 2020, 157, 258-267.	0.4	4
10	Cysteinyl maresins regulate the prophlogistic lung actions of cysteinyl leukotrienes. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 335-344.	1.5	38
11	Fully-automated and field-deployable blood leukocyte separation platform using multi-dimensional double spiral (MDDS) inertial microfluidics. <i>Lab on A Chip</i> , 2020, 20, 3612-3624.	3.1	39
12	Evidence for Exacerbation-Prone Asthma and Predictive Biomarkers of Exacerbation Frequency. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 973-982.	2.5	105
13	Human NK Cell Cytoskeletal Dynamics and Cytotoxicity Are Regulated by LIM Kinase. <i>Journal of Immunology</i> , 2020, 205, 801-810.	0.4	9
14	An immune-cell signature of bacterial sepsis. <i>Nature Medicine</i> , 2020, 26, 333-340.	15.2	261
15	Plasma Levels of Proresolving and Prophlogistic Lipid Mediators: Association With Severity of Respiratory Failure and Mortality in Acute Respiratory Distress Syndrome. , 2020, 2, e0241.		11
16	Leukocyte function assessed via serial microlitre sampling of peripheral blood from sepsis patients correlates with disease severity. <i>Nature Biomedical Engineering</i> , 2019, 3, 961-973.	11.6	39
17	Extracellular DNA, Neutrophil Extracellular Traps, and Inflammasome Activation in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1076-1085.	2.5	165
18	Non-type 2 inflammation in severe asthma is propelled by neutrophil cytoplasts and maintained by defective resolution. <i>Allergology International</i> , 2019, 68, 143-149.	1.4	26

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19	Towards targeting resolution pathways of airway inflammation in asthma. , 2018, 186, 98-113.		76
20	Early Intravascular Events Are Associated with Development of Acute Respiratory Distress Syndrome. A Substudy of the LIPS-A Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1575-1585.	2.5	39
21	Specialized Proresolving Mediators in Innate and Adaptive Immune Responses in Airway Diseases. Physiological Reviews, 2018, 98, 1335-1370.	13.1	70
22	Neutrophil cytoplasts induce T _H 17 differentiation and skew inflammation toward neutrophilia in severe asthma. Science Immunology, 2018, 3, .	5.6	157
23	Resolvins in inflammation: emergence of the pro-resolving superfamily of mediators. Journal of Clinical Investigation, 2018, 128, 2657-2669.	3.9	858
24	Natural killer cell-mediated inflammation resolution is disabled in severe asthma. Science Immunology, 2017, 2, .	5.6	76
25	Human Sepsis Eicosanoid and Proresolving Lipid Mediator Temporal Profiles: Correlations With Survival and Clinical Outcomes. Critical Care Medicine, 2017, 45, 58-68.	0.4	160
26	Bronchoprotective mechanisms for specialized pro-resolving mediators in the resolution of lung inflammation. Molecular Aspects of Medicine, 2017, 58, 44-56.	2.7	40
27	Effects of Age and Disease Severity on Systemic Corticosteroid Responses in Asthma. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1439-1448.	2.5	87
28	Better Late Than Never? Deferred Consent for Minimal Risk Research in the ICU*. Critical Care Medicine, 2017, 45, 1571-1572.	0.4	6
29	ALX receptor ligands define a biochemical endotype for severe asthma. JCI Insight, 2017, 2, .	2.3	29
30	Monitoring sepsis using electrical cell profiling. Lab on A Chip, 2016, 16, 4333-4340.	3.1	35
31	Plasma interleukin-6 concentrations, metabolic dysfunction, and asthma severity: a cross-sectional analysis of two cohorts. Lancet Respiratory Medicine, the, 2016, 4, 574-584.	5.2	375
32	Specialized pro-resolving mediators: endogenous regulators of infection and inflammation. Nature Reviews Immunology, 2016, 16, 51-67.	10.6	479
33	Future Research Directions in Asthma. An NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1366-1372.	2.5	84
34	Lipid Mediators in the Resolution of Inflammation. Cold Spring Harbor Perspectives in Biology, 2015, 7, a016311.	2.3	389
35	Resolution of Acute Inflammation in the Lung. Annual Review of Physiology, 2014, 76, 467-492.	5.6	246
36	Exhaled breath condensate eicosanoid levels associate with asthma and its severity. Journal of Allergy and Clinical Immunology, 2013, 132, 547-553.	1.5	89

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37	Lipoxin A ₄ Regulates Natural Killer Cell and Type 2 Innate Lymphoid Cell Activation in Asthma. <i>Science Translational Medicine</i> , 2013, 5, 174ra26.	5.8	395
38	Pulmonary Hypertension Associated With Scurvy and Vitamin Deficiencies in an Autistic Child. <i>Pediatrics</i> , 2013, 132, e1699-e1703.	1.0	49
39	Serum amyloid A opposes lipoxin A ₄ to mediate glucocorticoid refractory lung inflammation in chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 935-940.	3.3	140
40	NK Cells Are Effectors for Resolvin E1 in the Timely Resolution of Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2011, 186, 6129-6135.	0.4	126
41	Effects of cryopreservation on CD4 ⁺ CD25 ⁺ T cells of HIV-1 infected individuals. <i>Journal of Clinical Laboratory Analysis</i> , 2008, 22, 153-158.	0.9	22
42	Polyfunctional T cell responses are a hallmark of HIV-2 infection. <i>European Journal of Immunology</i> , 2008, 38, 350-363.	1.6	216
43	Resolvin E1 regulates interleukin 23, interferon- γ and lipoxin A ₄ to promote the resolution of allergic airway inflammation. <i>Nature Immunology</i> , 2008, 9, 873-879.	7.0	384
44	Airway Lipoxin A ₄ Generation and Lipoxin A ₄ Receptor Expression Are Decreased in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 574-582.	2.5	215
45	Protectin D1 Is Generated in Asthma and Dampens Airway Inflammation and Hyperresponsiveness. <i>Journal of Immunology</i> , 2007, 178, 496-502.	0.4	311
46	Dendritic Cells Are Less Susceptible to Human Immunodeficiency Virus Type 2 (HIV-2) Infection than to HIV-1 Infection. <i>Journal of Virology</i> , 2007, 81, 13486-13498.	1.5	49
47	Lipoxin A ₄ Regulates Bronchial Epithelial Cell Responses to Acid Injury. <i>American Journal of Pathology</i> , 2006, 168, 1064-1072.	1.9	124
48	Maintenance of HIV-Specific CD4 ⁺ T Cell Help Distinguishes HIV-2 from HIV-1 Infection. <i>Journal of Immunology</i> , 2006, 176, 6973-6981.	0.4	85
49	Analysis of Human Immunodeficiency Virus Cytopathicity by Using a New Method for Quantitating Viral Dynamics in Cell Culture. <i>Journal of Virology</i> , 2005, 79, 4025-4032.	1.5	18
50	Diminished Lipoxin Biosynthesis in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 824-830.	2.5	230
51	Unique Resistance of I/LnJ Mice to a Retrovirus Is Due to Sustained Interferon γ -dependent Production of Virus-neutralizing Antibodies. <i>Journal of Experimental Medicine</i> , 2003, 197, 233-243.	4.2	61
52	Cytopathic Killing of Peripheral Blood CD4 ⁺ T Lymphocytes by Human Immunodeficiency Virus Type 1 Appears Necrotic rather than Apoptotic and Does Not Require env. <i>Journal of Virology</i> , 2002, 76, 5082-5093.	1.5	83
53	Multi-pronged inhibition of airway hyper-responsiveness and inflammation by lipoxin A ₄ . <i>Nature Medicine</i> , 2002, 8, 1018-1023.	15.2	346