Melody G Duvall

List of Publications by Year
in descending order

53	7,008	109264	189801
papers	citations	35 h-index	50 g-index

54	54	54	9195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resolvins in inflammation: emergence of the pro-resolving superfamily of mediators. Journal of Clinical Investigation, 2018, 128, 2657-2669.	3.9	858
2	Specialized pro-resolving mediators: endogenous regulators of infection and inflammation. Nature Reviews Immunology, 2016, 16, 51-67.	10.6	479
3	Lipoxin A ₄ Regulates Natural Killer Cell and Type 2 Innate Lymphoid Cell Activation in Asthma. Science Translational Medicine, 2013, 5, 174ra26.	5.8	395
4	Lipid Mediators in the Resolution of Inflammation. Cold Spring Harbor Perspectives in Biology, 2015, 7, a016311.	2.3	389
5	Resolvin E1 regulates interleukin 23, interferon-Î³ and lipoxin A4 to promote the resolution of allergic airway inflammation. Nature Immunology, 2008, 9, 873-879.	7.0	384
6	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
7	Multi-pronged inhibition of airway hyper-responsiveness and inflammation by lipoxin A4. Nature Medicine, 2002, 8, 1018-1023.	15.2	346
8	Protectin D1 Is Generated in Asthma and Dampens Airway Inflammation and Hyperresponsiveness. Journal of Immunology, 2007, 178, 496-502.	0.4	311
9	An immune-cell signature of bacterial sepsis. Nature Medicine, 2020, 26, 333-340.	15.2	261
10	Resolution of Acute Inflammation in the Lung. Annual Review of Physiology, 2014, 76, 467-492.	5.6	246
11	Diminished Lipoxin Biosynthesis in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 824-830.	2.5	230
12	Polyfunctional T cell responses are a hallmark of HIVâ€2 infection. European Journal of Immunology, 2008, 38, 350-363.	1.6	216
13	Airway Lipoxin A₄Generation and Lipoxin A₄Receptor Expression Are Decreased in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 574-582.	2.5	215
14	Extracellular DNA, Neutrophil Extracellular Traps, and Inflammasome Activation in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1076-1085.	2.5	165
15	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
16	Neutrophil cytoplasts induce T _H 17 differentiation and skew inflammation toward neutrophilia in severe asthma. Science Immunology, 2018, 3, .	5.6	157
17	Serum amyloid A opposes lipoxin A ₄ to mediate glucocorticoid refractory lung inflammation in chronic obstructive pulmonary disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 935-940.	3.3	140
18	NK Cells Are Effectors for Resolvin E1 in the Timely Resolution of Allergic Airway Inflammation. Journal of Immunology, 2011, 186, 6129-6135.	0.4	126

#	Article	IF	Citations
19	Lipoxin A4 Regulates Bronchial Epithelial Cell Responses to Acid Injury. American Journal of Pathology, 2006, 168, 1064-1072.	1.9	124
20	Association of clonal hematopoiesis with chronic obstructive pulmonary disease. Blood, 2022, 139, 357-368.	0.6	106
21	Evidence for Exacerbation-Prone Asthma and Predictive Biomarkers of Exacerbation Frequency. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 973-982.	2.5	105
22	Exhaled breath condensate eicosanoid levels associate with asthma and its severity. Journal of Allergy and Clinical Immunology, 2013, 132, 547-553.	1.5	89
23	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
24	Maintenance of HIV-Specific CD4+ T Cell Help Distinguishes HIV-2 from HIV-1 Infection. Journal of Immunology, 2006, 176, 6973-6981.	0.4	85
25	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
26	Cytopathic Killing of Peripheral Blood CD4 + T Lymphocytes by Human Immunodeficiency Virus Type 1 Appears Necrotic rather than Apoptotic and Does Not Require env. Journal of Virology, 2002, 76, 5082-5093.	1.5	83
27	Natural killer cellâ€“mediated inflammation resolution is disabled in severe asthma. Science Immunology, 2017, 2, .	5.6	76
28	Towards targeting resolution pathways of airway inflammation in asthma. , 2018, 186, 98-113.		76
29	Specialized Proresolving Mediators in Innate and Adaptive Immune Responses in Airway Diseases. Physiological Reviews, 2018, 98, 1335-1370.	13.1	70
30	Unique Resistance of I/LnJ Mice to a Retrovirus Is Due to Sustained Interferon Î³â€“dependent Production of Virus-neutralizing Antibodies. Journal of Experimental Medicine, 2003, 197, 233-243.	4.2	61
31	Dendritic Cells Are Less Susceptible to Human Immunodeficiency Virus Type 2 (HIV-2) Infection than to HIV-1 Infection. Journal of Virology, 2007, 81, 13486-13498.	1.5	49
32	Pulmonary Hypertension Associated With Scurvy and Vitamin Deficiencies in an Autistic Child. Pediatrics, 2013, 132, e1699-e1703.	1.0	49
33	Bronchoprotective mechanisms for specialized pro-resolving mediators in the resolution of lung inflammation. Molecular Aspects of Medicine, 2017, 58, 44-56.	2.7	40
34	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
35	Leukocyte function assessed via serial microlitre sampling of peripheral blood from sepsis patients correlates with disease severity. Nature Biomedical Engineering, 2019, 3, 961-973.	11.6	39
36	Fully-automated and field-deployable blood leukocyte separation platform using multi-dimensional double spiral (MDDS) inertial microfluidics. Lab on A Chip, 2020, 20, 3612-3624.	3.1	39

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37	Cysteinyl maresins regulate the prophlogistic lung actions of cysteinyl leukotrienes. Journal of Allergy and Clinical Immunology, 2020, 145, 335-344.	1.5	38
38	Monitoring sepsis using electrical cell profiling. Lab on A Chip, 2016, 16, 4333-4340.	3.1	35
39	ALX receptor ligands define a biochemical endotype for severe asthma. JCI Insight, 2017, 2, .	2.3	29
40	Non-type 2 inflammation in severe asthma is propelled by neutrophil cytoplasts and maintained by defective resolution. Allergology International, 2019, 68, 143-149.	1.4	26
41	Effects of cryopreservation on CD4+ CD25+ T cells of HIV-1 infected individuals. Journal of Clinical Laboratory Analysis, 2008, 22, 153-158.	0.9	22
42	Analysis of Human Immunodeficiency Virus Cytopathicity by Using a New Method for Quantitating Viral Dynamics in Cell Culture. Journal of Virology, 2005, 79, 4025-4032.	1.5	18
43	Specialized pro-resolving mediators in respiratory diseases. Current Opinion in Clinical Nutrition and Metabolic Care, 2022, 25, 67-74.	1.3	15
44	Fully Automated, Sample-to-Answer Leukocyte Functional Assessment Platform for Continuous Sepsis Monitoring via Microliters of Blood. ACS Sensors, 2021, 6, 2747-2756.	4.0	12
45	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
46	Human NK Cell Cytoskeletal Dynamics and Cytotoxicity Are Regulated by LIM Kinase. Journal of Immunology, 2020, 205, 801-810.	0.4	9
47	A targetable â€˜rogueâ€™ neutrophil-subset, [CD11b+DEspR+] immunotype, is associated with severity and mortality in acute respiratory distress syndrome (ARDS) and COVID-19-ARDS. Scientific Reports, 2022, 12, 5583.	1.6	9
48	Allergic asthma is a risk factor for human cardiovascular diseases. , 2022, 1, 417-430.		8
49	Better Late Than Never? Deferred Consent for Minimal Risk Research in the ICU*. Critical Care Medicine, 2017, 45, 1571-1572.	0.4	6
50	Invasive and noninvasive ventilation strategies for acute respiratory failure in children with coronavirus disease 2019. Current Opinion in Pediatrics, 2021, 33, 311-318.	1.0	5
51	Estimated Ventricular Size, Asthma Severity,Âand Exacerbations. Chest, 2020, 157, 258-267.	0.4	4
52	Inflammation resolution circuits are uncoupled in acute sepsis and correlate with clinical severity. JCI Insight, 2021, 6, .	2.3	4
53	Lipid-Derived Mediators are Pivotal to Leukocyte and Lung Cell Responses in Sepsis and ARDS. Cell Biochemistry and Biophysics, 2021, 79, 449-459.	0.9	3