

# Melody G Duvall

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

7,008  
citations

109321

35  
h-index

189892

50  
g-index

54  
all docs

54  
docs citations

54  
times ranked

9195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolvins in inflammation: emergence of the pro-resolving superfamily of mediators. <i>Journal of Clinical Investigation</i> , 2018, 128, 2657-2669.	8.2	858
2	Specialized pro-resolving mediators: endogenous regulators of infection and inflammation. <i>Nature Reviews Immunology</i> , 2016, 16, 51-67.	22.7	479
3	Lipoxin A <sub>4</sub> Regulates Natural Killer Cell and Type 2 Innate Lymphoid Cell Activation in Asthma. <i>Science Translational Medicine</i> , 2013, 5, 174ra26.	12.4	395
4	Lipid Mediators in the Resolution of Inflammation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a016311.	5.5	389
5	Resolvin E1 regulates interleukin 23, interferon- $\gamma$ and lipoxin A4 to promote the resolution of allergic airway inflammation. <i>Nature Immunology</i> , 2008, 9, 873-879.	14.5	384
6	Plasma interleukin-6 concentrations, metabolic dysfunction, and asthma severity: a cross-sectional analysis of two cohorts. <i>Lancet Respiratory Medicine</i> , 2016, 4, 574-584.	10.7	375
7	Multi-pronged inhibition of airway hyper-responsiveness and inflammation by lipoxin A4. <i>Nature Medicine</i> , 2002, 8, 1018-1023.	30.7	346
8	Protectin D1 Is Generated in Asthma and Dampens Airway Inflammation and Hyperresponsiveness. <i>Journal of Immunology</i> , 2007, 178, 496-502.	0.8	311
9	An immune-cell signature of bacterial sepsis. <i>Nature Medicine</i> , 2020, 26, 333-340.	30.7	261
10	Resolution of Acute Inflammation in the Lung. <i>Annual Review of Physiology</i> , 2014, 76, 467-492.	18.1	246
11	Diminished Lipoxin Biosynthesis in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 824-830.	5.6	230
12	Polyfunctional T cell responses are a hallmark of HIV infection. <i>European Journal of Immunology</i> , 2008, 38, 350-363.	2.9	216
13	Airway Lipoxin A <sub>4</sub> Generation and Lipoxin A <sub>4</sub> Receptor Expression Are Decreased in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 574-582.	5.6	215
14	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.	5.6	165
15	Human Sepsis Eicosanoid and Proresolving Lipid Mediator Temporal Profiles: Correlations With Survival and Clinical Outcomes. <i>Critical Care Medicine</i> , 2017, 45, 58-68.	0.9	160
16	Neutrophil cytoplasts induce T <sub>H</sub> 17 differentiation and skew inflammation toward neutrophilia in severe asthma. <i>Science Immunology</i> , 2018, 3, .	11.9	157
17	Serum amyloid A opposes lipoxin A <sub>4</sub> 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.	7.1	140
18	NK Cells Are Effectors for Resolvin E1 in the Timely Resolution of Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2011, 186, 6129-6135.	0.8	126

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19	Lipoxin A4 Regulates Bronchial Epithelial Cell Responses to Acid Injury. <i>American Journal of Pathology</i> , 2006, 168, 1064-1072.	3.8	124
20	Association of clonal hematopoiesis with chronic obstructive pulmonary disease. <i>Blood</i> , 2022, 139, 357-368.	1.4	106
21	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.	5.6	105
22	Exhaled breath condensate eicosanoid levels associate with asthma and its severity. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 547-553.	2.9	89
23	Effects of Age and Disease Severity on Systemic Corticosteroid Responses in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1439-1448.	5.6	87
24	Maintenance of HIV-Specific CD4+ T Cell Help Distinguishes HIV-2 from HIV-1 Infection. <i>Journal of Immunology</i> , 2006, 176, 6973-6981.	0.8	85
25	Future Research Directions in Asthma. An NHLBI Working Group Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1366-1372.	5.6	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. <i>Journal of Virology</i> , 2002, 76, 5082-5093.	3.4	83
27	Natural killer cell-mediated inflammation resolution is disabled in severe asthma. <i>Science Immunology</i> , 2017, 2, .	11.9	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. <i>Physiological Reviews</i> , 2018, 98, 1335-1370.	28.8	70
30	Unique Resistance of I/LnJ Mice to a Retrovirus Is Due to Sustained Interferon $\beta$ -dependent Production of Virus-neutralizing Antibodies. <i>Journal of Experimental Medicine</i> , 2003, 197, 233-243.	8.5	61
31	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.	3.4	49
32	Pulmonary Hypertension Associated With Scurvy and Vitamin Deficiencies in an Autistic Child. <i>Pediatrics</i> , 2013, 132, e1699-e1703.	2.1	49
33	Bronchoprotective mechanisms for specialized pro-resolving mediators in the resolution of lung inflammation. <i>Molecular Aspects of Medicine</i> , 2017, 58, 44-56.	6.4	40
34	Early Intravascular Events Are Associated with Development of Acute Respiratory Distress Syndrome. A Substudy of the LIPS-A Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1575-1585.	5.6	39
35	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.	22.5	39
36	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.	6.0	39

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37	Cysteinyl maresins regulate the proinflammatory lung actions of cysteinyl leukotrienes. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 335-344.	2.9	38
38	Monitoring sepsis using electrical cell profiling. <i>Lab on A Chip</i> , 2016, 16, 4333-4340.	6.0	35
39	ALX receptor ligands define a biochemical endotype for severe asthma. <i>JCI Insight</i> , 2017, 2, .	5.0	29
40	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.	3.3	26
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.	2.1	22
42	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.	3.4	18
43	Specialized pro-resolving mediators in respiratory diseases. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2022, 25, 67-74.	2.5	15
44	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.	7.8	12
45	Plasma Levels of Proresolving and Proinflammatory 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. <i>Journal of Immunology</i> , 2020, 205, 801-810.	0.8	9
47	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.	3.3	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*. <i>Critical Care Medicine</i> , 2017, 45, 1571-1572.	0.9	6
50	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.	2.0	5
51	Estimated Ventricular Size, Asthma Severity, and Exacerbations. <i>Chest</i> , 2020, 157, 258-267.	0.8	4
52	Inflammation resolution circuits are uncoupled in acute sepsis and correlate with clinical severity. <i>JCI Insight</i> , 2021, 6, .	5.0	4
53	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.	1.8	3