

# Kymerly Gowdy

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,356  
citations

304743

22  
h-index

395702

33  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2347  
citing authors

#	ARTICLE	IF	CITATIONS
1	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, e1-e14.	2.9	82
2	PRMT5 in T Cells Drives Th17 Responses, Mixed Granulocytic Inflammation, and Severe Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2022, 208, 1525-1533.	0.8	8
3	Emerging Insights into the Impact of Air Pollution on Immune-Mediated Asthma Pathogenesis. <i>Current Allergy and Asthma Reports</i> , 2022, 22, 77-92.	5.3	17
4	Sex Differences in Pulmonary Eicosanoids and Specialized Pro-Resolving Mediators in Response to Ozone Exposure. <i>Toxicological Sciences</i> , 2021, 183, 170-183.	3.1	25
5	Scavenger Receptor BI Attenuates IL-17A-Dependent Neutrophilic Inflammation in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 698-708.	2.9	10
6	Prohibitin-1 Is a Dynamically Regulated Blood Protein With Cardioprotective Effects in Sepsis. <i>Journal of the American Heart Association</i> , 2021, 10, e019877.	3.7	6
7	Associations between maternal obesity, gestational cytokine levels and child obesity in the <scp>NEST</scp> cohort. <i>Pediatric Obesity</i> , 2021, 16, e12763.	2.8	15
8	Novel Mechanisms of Ozone-Induced Pulmonary Inflammation and Resolution, and the Potential Protective Role of Scavenger Receptor BI. <i>Research Report (health Effects Institute)</i> , 2021, , 1-49.	1.6	0
9	Estrogen receptor- $\alpha$ in female skeletal muscle is not required for regulation of muscle insulin sensitivity and mitochondrial regulation. <i>Molecular Metabolism</i> , 2020, 34, 1-15.	6.5	21
10	Obesity-Driven Deficiencies of Specialized Pro-resolving Mediators May Drive Adverse Outcomes During SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2020, 11, 1997.	4.8	30
11	Cholesterol-25-hydroxylase promotes efferocytosis and resolution of lung inflammation. <i>JCI Insight</i> , 2020, 5, .	5.0	35
12	Early Metabolic Syndrome (MetS) in Chronic Rhesus Macaque Model of Human Allergic Asthma. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
13	Tissue-specific characterization of mitochondrial branched-chain keto acid oxidation using a multiplexed assay platform. <i>Biochemical Journal</i> , 2019, 476, 1521-1537.	3.7	17
14	Alveolar Macrophage ABCG1 Deficiency Promotes Pulmonary Granulomatous Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 332-340.	2.9	15
15	Sex Modifies Acute Ozone-Mediated Airway Physiologic Responses. <i>Toxicological Sciences</i> , 2019, 169, 499-510.	3.1	37
16	Influenza-Mediated Lung Infection Models. <i>Methods in Molecular Biology</i> , 2019, 1960, 191-205.	0.9	3
17	Maternal pre-pregnancy obesity, offspring cord blood DNA methylation, and offspring cardiometabolic health in early childhood: an epigenome-wide association study. <i>Epigenetics</i> , 2019, 14, 325-340.	2.7	59
18	Leucine-rich repeats and calponin homology containing 4 (Lrch4) regulates the innate immune response. <i>Journal of Biological Chemistry</i> , 2019, 294, 1997-2008.	3.4	16

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19	In Vivo Assessment of Alveolar Macrophage Efferocytosis Following Ozone Exposure. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	8
20	Pulmonary Exposure to MagnÃ©li Phase Titanium Suboxides Results in Significant Macrophage Abnormalities and Decreased Lung Function. <i>Frontiers in Immunology</i> , 2019, 10, 2714.	4.8	12
21	IL-17A Contributes to Lung Fibrosis in a Model of Chronic Pulmonary Graft-versus-host Disease. <i>Transplantation</i> , 2019, 103, 2264-2274.	1.0	7
22	Epithelial membrane protein 2 governs transepithelial migration of neutrophils into the airspace. <i>Journal of Clinical Investigation</i> , 2019, 130, 157-170.	8.2	24
23	Specialized Pro-Resolving Lipid Mediators Regulate Ozone-Induced Pulmonary and Systemic Inflammation. <i>Toxicological Sciences</i> , 2018, 163, 466-477.	3.1	42
24	Euthanasia- and Lavage-mediated Effects on Bronchoalveolar Measures of Lung Injury and Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 257-266.	2.9	32
25	Effects of Simulated Smog Atmospheres in Rodent Models of Metabolic and Immunologic Dysfunction. <i>Environmental Science &amp; Technology</i> , 2018, 52, 3062-3070.	10.0	13
26	Ozone-Induced Vascular Contractility and Pulmonary Injury Are Differentially Impacted by Diets Enriched With Coconut Oil, Fish Oil, and Olive Oil. <i>Toxicological Sciences</i> , 2018, 163, 57-69.	3.1	23
27	MyD88-dependent dendritic and epithelial cell crosstalk orchestrates immune responses to allergens. <i>Mucosal Immunology</i> , 2018, 11, 796-810.	6.0	18
28	Flow Cytometry for the Immunotoxicologist. <i>Methods in Molecular Biology</i> , 2018, 1803, 183-197.	0.9	2
29	B Cell Activity Is Impaired in Human and Mouse Obesity and Is Responsive to an Essential Fatty Acid upon Murine Influenza Infection. <i>Journal of Immunology</i> , 2017, 198, 4738-4752.	0.8	115
30	Effects of Orally Ingested Arsenic on Respiratory Epithelial Permeability to Bacteria and Small Molecules in Mice. <i>Environmental Health Perspectives</i> , 2017, 125, 097024.	6.0	18
31	Irgm1 coordinately regulates autoimmunity and host defense at select mucosal surfaces. <i>JCI Insight</i> , 2017, 2, .	5.0	18
32	Ozone-derived Oxysterols Affect Liver X Receptor (LXR) Signaling. <i>Journal of Biological Chemistry</i> , 2016, 291, 25192-25206.	3.4	23
33	Role for phospholipid acyl chains and cholesterol in pulmonary infections and inflammation. <i>Journal of Leukocyte Biology</i> , 2016, 100, 985-997.	3.3	15
34	Pulmonary instillation of MWCNT increases lung permeability, decreases gp130 expression in the lungs, and initiates cardiovascular IL-6 transsignaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L142-L154.	2.9	11
35	N-3 polyunsaturated fatty acids modulate B cell activity in pre-clinical models: Implications for the immune response to infections. <i>European Journal of Pharmacology</i> , 2016, 785, 10-17.	3.5	39
36	Impaired CD8+ T cell immunity after allogeneic bone marrow transplantation leads to persistent and severe respiratory viral infection. <i>Transplant Immunology</i> , 2015, 32, 51-60.	1.2	9

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37	Key role for scavenger receptor B-I in the integrative physiology of host defense during bacterial pneumonia. <i>Mucosal Immunology</i> , 2015, 8, 559-571.	6.0	21
38	Trif-dependent induction of Th17 immunity by lung dendritic cells. <i>Mucosal Immunology</i> , 2015, 8, 186-197.	6.0	17
39	Role of C-C Motif Ligand 2 and C-C Motif Receptor 2 in Murine Pulmonary Graft-versus-Host Disease after Lipopolysaccharide Inhalations. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 810-821.	2.9	12
40	Emerging roles for cholesterol and lipoproteins in lung disease. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013, 26, 430-437.	2.6	105
41	Relation between objective measures of atopy and myocardial infarction in the United States. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 405-411.e11.	2.9	18
42	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1715-1716.	2.9	0
43	p53 integrates host defense and cell fate during bacterial pneumonia. <i>Journal of Experimental Medicine</i> , 2013, 210, 891-904.	8.5	54
44	Correction: Novel Role for Surfactant Protein A in Gastrointestinal Graft-versus-Host Disease. <i>Journal of Immunology</i> , 2013, 190, 1382-1382.	0.8	0
45	Surfactant Protein A Modulates Induction of Regulatory T Cells via TGF- $\beta$ 2. <i>Journal of Immunology</i> , 2012, 188, 4376-4384.	0.8	24
46	Novel Role for Surfactant Protein A in Gastrointestinal Graft-versus-Host Disease. <i>Journal of Immunology</i> , 2012, 188, 4897-4905.	0.8	9
47	ATP Binding Cassette Transporter G1 Deletion Induces IL-17-Dependent Dysregulation of Pulmonary Adaptive Immunity. <i>Journal of Immunology</i> , 2012, 188, 5327-5336.	0.8	30
48	Myeloid Cell-Specific ABCA1 Deletion Protects Mice From Bacterial Infection. <i>Circulation Research</i> , 2012, 111, 1398-1409.	4.5	28
49	Critical Role Of CCL2 (MCP-1) In The Development Of Pulmonary Graft-Versus-Host Disease After Murine Allogeneic Bone Marrow Transplant. , 2012, , .		0
50	Apolipoproteins and Apolipoprotein Mimetic Peptides Modulate Phagocyte Trafficking through Chemotactic Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 43730-43740.	3.4	33
51	Protective Role of T-bet and Th1 Cytokines in Pulmonary Graft-versus-Host Disease and Peribronchiolar Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 249-256.	2.9	24
52	Irgm1 Regulates The Pulmonary Innate Immune Response. , 2012, , .		0
53	Novel Role For Scavenger Receptor B-I In Pulmonary Innate Immunity. , 2012, , .		0
54	Innate immune activation potentiates alloimmune lung disease independent of chemokine (C-X-C motif) receptor 3. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 717-725.	0.6	17

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55	Innate immune activation by the viral PAMP poly I:C potentiates pulmonary graft-versus-host disease after allogeneic hematopoietic cell transplant. <i>Transplant Immunology</i> , 2011, 24, 83-93.	1.2	16
56	Lipopolysaccharide Potentiates Pulmonary Graft-Versus-Host Disease In Murine Bone Marrow Transplantation Across Minor Histocompatibility Antigen Mismatch. , 2011, , .		0
57	Viral Immunity Is Impaired In The Lungs Of Allogeneic Bone Marrow Transplanted Mice. , 2011, , .		0
58	Inhaled Lipopolysaccharide Enhances Alloimmune Lung Disease Via The TLR4-TRIF Pathway. , 2011, , .		0
59	Pulmonary Innate Immune Activation By Poly I:C Promotes Lung Inflammation And Epithelial Injury Following Allogeneic Bone Marrow Transplantation. , 2010, , .		0
60	Role of oxidative stress on diesel-enhanced influenza infection in mice. <i>Particle and Fibre Toxicology</i> , 2010, 7, 34.	6.2	34
61	Pulmonary Innate Immune Activation In Allotransplantation Induces A Distinct Antigen Presenting Cell Profile Followed By Lymphocytic Inflammation. , 2010, , .		0
62	LPS Potentiates Th17 And Th2 Mediated Chronic Pulmonary Graft-Versus-Host Disease (GVHD) After Allogeneic Bone Marrow Transplant (BMT). , 2010, , .		0
63	Modulation of pulmonary inflammatory responses and antimicrobial defenses in mice exposed to diesel exhaust. <i>Toxicology and Applied Pharmacology</i> , 2008, 229, 310-319.	2.8	54
64	Diesel Exhaust Enhanced Susceptibility to Influenza Infection is Associated with Decreased Surfactant Protein Expression. <i>Inhalation Toxicology</i> , 2007, 19, 1121-1133.	1.6	35
65	Host Defense and Immunotoxicology of the Lung. , 2006, , 307-324.		0