Angela J Rogers

List of Publications by Citations

71 papers	4,980 citations	28 h-index	70 g-index
92 ext. papers	8,772 ext. citations	8.8 avg, IF	5.5 L-index

#	Paper	IF	Citations
71	A single-cell atlas of the peripheral immune response in patients with severe COVID-19. *Nature Medicine*, **2020**, 26, 1070-1076	50.5	666
70	Integrated analysis of multimodal single-cell data. *Cell*, **2021**, 184, 3573-3587.e29	56.2	558
69	Mesenchymal stem (stromal) cells for treatment of ARDS: a phase 1 clinical trial. *Lancet Respiratory Medicine,the*, **2015**, 3, 24-32	35.1	457
68	Inflammasome-regulated cytokines are critical mediators of acute lung injury. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 1225-34	10.2	367
67	Treatment with allogeneic mesenchymal stromal cells for moderate to severe acute respiratory distress syndrome (START study): a randomised phase 2a safety trial. *Lancet Respiratory Medicine,the*, **2019**, 7, 154-162	35.1	291
66	An integrated clinico-metabolomic model improves prediction of death in sepsis. *Science Translational Medicine*, **2013**, 5, 195ra95	17.5	282
65	Circulating mitochondrial DNA in patients in the ICU as a marker of mortality: derivation and validation. *PLoS Medicine*, **2013**, 10, e1001577; discussion e1001577	11.6	275
64	Defining the features and duration of antibody responses to SARS-CoV-2 infection associated with disease severity and outcome. *Science Immunology*, **2020**, 5,	28	230
63	Genetic association analysis of copy-number variation (CNV) in human disease pathogenesis. *Genomics*, **2009**, 93, 22-6	4.3	145
62	Human B Cell Clonal Expansion and Convergent Antibody Responses to SARS-CoV-2. *Cell Host and Microbe*, **2020**, 28, 516-525.e5	23.4	121
61	Cytokine profile in plasma of severe COVID-19 does not differ from ARDS and sepsis. *JCI Insight*, **2020**, 5,	9.9	106
60	Increased expression of neutrophil-related genes in patients with early sepsis-induced ARDS. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 308, L1102-13	5.8	101
59	Metabolomic derangements are associated with mortality in critically ill adult patients. *PLoS ONE*, **2014**, 9, e87538	3.7	97
58	Integrated analysis of multimodal single-cell data		91
57	Asthma genetics and genomics 2009. *Current Opinion in Genetics and Development*, **2009**, 19, 279-82	4.9	88
56	Assessing the reproducibility of asthma candidate gene associations, using genome-wide data. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 179, 1084-90	10.2	87
55	Integrative "omic" analysis of experimental bacteremia identifies a metabolic signature that distinguishes human sepsis from systemic inflammatory response syndromes. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 190, 445-55	10.2	79

54	A role for Wnt signaling genes in the pathogenesis of impaired lung function in asthma. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 328-36	10.2	79
53	Filaggrin mutations confer susceptibility to atopic dermatitis but not to asthma. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 1332-7	11.5	56
52	Association of Elevated Plasma Interleukin-18 Level With Increased Mortality in a Clinical Trial of Statin Treatment for Acute Respiratory Distress Syndrome. *Critical Care Medicine*, **2019**, 47, 1089-1096	1.4	49
51	A generalizable 29-mRNA neural-network classifier for acute bacterial and viral infections. *Nature Communications*, **2020**, 11, 1177	17.4	46
50	Predictors of poor response during asthma therapy differ with definition of outcome. *Pharmacogenomics*, **2009**, 10, 1231-42	2.6	45
49	Metabolism, Metabolomics, and Nutritional Support of Patients with Sepsis. *Clinics in Chest Medicine*, **2016**, 37, 321-31	5.3	44
48	Design and implementation of the START (STem cells for ARDS Treatment) trial, a phase 1/2 trial of human mesenchymal stem/stromal cells for the treatment of moderate-severe acute respiratory distress syndrome. *Annals of Intensive Care*, **2014**, 4, 22	8.9	37
47	Multi-omic profiling reveals widespread dysregulation of innate immunity and hematopoiesis in COVID-19. *Journal of Experimental Medicine*, **2021**, 218,	16.6	34
46	A Nasal Brush-based Classifier of Asthma Identified by Machine Learning Analysis of Nasal RNA Sequence Data. *Scientific Reports*, **2018**, 8, 8826	4.9	33
45	The interaction of glutathione S-transferase M1-null variants with tobacco smoke exposure and the development of childhood asthma. *Clinical and Experimental Allergy*, **2009**, 39, 1721-9	4.1	32
44	Current Status and Future Opportunities in Lung Precision Medicine Research with a Focus on Biomarkers. An American Thoracic Society/National Heart, Lung, and Blood Institute Research Statement. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, e116-e136	10.2	30
43	Metabolome alterations in severe critical illness and vitamin D status. *Critical Care*, **2017**, 21, 193	10.8	28
42	Applying metabolomics to uncover novel biology in ARDS. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2014**, 306, L957-61	5.8	27
41	Factors associated with bronchiolitis obliterans syndrome and chronic graft-versus-host disease after allogeneic hematopoietic cell transplantation. *American Journal of Hematology*, **2014**, 89, 404-9	7.1	27
40	Profiling of ARDS pulmonary edema fluid identifies a metabolically distinct subset. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2017**, 312, L703-L709	5.8	26
39	New Strategies and Challenges in Lung Proteomics and Metabolomics. An Official American Thoracic Society Workshop Report. *Annals of the American Thoracic Society*, **2017**, 14, 1721-1743	4.7	26
38	Pharmacogenomics: novel loci identification via integrating gene differential analysis and eQTL analysis. *Human Molecular Genetics*, **2014**, 23, 5017-24	5.6	20
37	SARS-CoV-2 RNAaemia predicts clinical deterioration and extrapulmonary complications from COVID-19 **2020**,		20

36	Multicohort Analysis of Whole-Blood Gene Expression Data Does Not Form a Robust Diagnostic for Acute Respiratory Distress Syndrome. *Critical Care Medicine*, **2018**, 46, 244-251	1.4	19
35	Metabolites Associated With Malnutrition in the Intensive Care Unit Are Also Associated With 28-Day Mortality. *Journal of Parenteral and Enteral Nutrition*, **2017**, 41, 188-197	4.2	19
34	The CD4+ T-cell transcriptome and serum IgE in asthma: IL17RB and the role of sex. *BMC Pulmonary Medicine*, **2011**, 11, 17	3.5	18
33	Plasma mitochondrial DNA and metabolomic alterations in severe critical illness. *Critical Care*, **2018**, 22, 360	10.8	18
32	Expression Quantitative Trait Loci Information Improves Predictive Modeling of Disease Relevance of Non-Coding Genetic Variation. *PLoS ONE*, **2015**, 10, e0140758	3.7	16
31	Gene Expression Analysis to Assess the Relevance of Rodent Models to Human Lung Injury. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 57, 184-192	5.7	14
30	Gender Differences in Authorship of Critical Care Literature. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 840-847	10.2	14
29	SARS-CoV-2 RNAemia predicts clinical deterioration and extrapulmonary complications from COVID-19. *Clinical Infectious Diseases*, **2021**,	11.6	14
28	A computational approach to mortality prediction of alcohol use disorder inpatients. *Computers in Biology and Medicine*, **2016**, 75, 74-9	7	13
27	B cell clonal expansion and convergent antibody responses to SARS-CoV-2 **2020**,		13
26	Association Between Peripheral Blood Oxygen Saturation (SpO)/Fraction of Inspired Oxygen (FiO) Ratio Time at Risk and Hospital Mortality in Mechanically Ventilated Patients **2020**, 24,		13
25	Synthetic Siglec-9 Agonists Inhibit Neutrophil Activation Associated with COVID-19. *ACS Central Science*, **2021**, 7, 650-657	16.8	13
24	Airway dilation in bronchiolitis obliterans after allogeneic hematopoietic stem cell transplantation. *Respiratory Medicine*, **2013**, 107, 276-83	4.6	12
23	Multi-omic profiling reveals widespread dysregulation of innate immunity and hematopoiesis in COVID-19		11
22	Proteomic study of acute respiratory distress syndrome: current knowledge and implications for drug development. *Expert Review of Proteomics*, **2016**, 13, 457-69	4.2	9
21	Network study of nasal transcriptome profiles reveals master regulator genes of asthma. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 879-893	11.5	8
20	Copy number variation genotyping using family information. *BMC Bioinformatics*, **2013**, 14, 157	3.6	6
19	Delving beneath the surface of hyperinflammation in COVID-19. *Lancet Rheumatology, The*, **2020**, 2, e578-e5796	4.2	

18	MUC5B Promoter Polymorphism and Development of Acute Respiratory Distress Syndrome. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 1342-1345	10.2	5
17	Synthetic Siglec-9 Agonists Inhibit Neutrophil Activation Associated with COVID-19. *ChemRxiv*, **2020**,	4.4	4
16	Human B cell clonal expansion and convergent antibody responses to SARS-CoV-2 **2020**,		4
15	A resident-created hospitalist curriculum for internal medicine housestaff. *Journal of Hospital Medicine*, **2016**, 11, 646-9	2.7	4
14	Electrical Storm in COVID-19. *JACC: Case Reports*, **2020**, 2, 1256-1260	1.2	2
13	Active surveillance of serious adverse events following transfusion of COVID-19 convalescent plasma. *Transfusion*, **2021**,	2.9	2
12	Plasma Metabolites in Early Sepsis Identify Distinct Clusters Defined by Plasma Lipids **2021**, 3, e0478		2
11	Prospective validation of an 11-gene mRNA host response score for mortality risk stratification in the intensive care unit. *Scientific Reports*, **2021**, 11, 13062	4.9	1
10	A Perspective on the Role of Point-of-Care "Immuno-Triaging" to Optimize COVID-19 Vaccination Distribution in a Time of Scarcity. *Frontiers in Public Health*, **2021**, 9, 638316	6	1
9	The COVID-19 Outpatient Pragmatic Platform Study (COPPS): Study design of a multi-center pragmatic platform trial. *Contemporary Clinical Trials*, **2021**, 108, 106509	2.3	1
8	Association Between SARS-CoV-2 RNAemia and Postacute Sequelae of COVID-19.. *Open Forum Infectious Diseases*, **2022**, 9, ofab646	1	1
7	Precision Medicine in Critical Illness: Sepsis and Acute Respiratory Distress Syndrome. *Respiratory Medicine*, **2020**, 267-288	0.2	0
6	Prolonged Hospitalization Following Acute Respiratory Failure. *Chest*, **2021**, 159, 1867-1874	5.3	0
5	Stronger evidence for replication of NPPA using genome-wide genotyping data. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 96	10.2	
4	Low Dose Busulfan Is Associated with Bronchiolitis Obliterans Syndrome Following Allogeneic Hematopoietic Stem Cell Transplantation.. *Blood*, **2012**, 120, 3128-3128	2.2	
3	Airway Dilation in Bronchiolitis Obliterans After Allogeneic Hematopoietic Stem Cell Transplantation.. *Blood*, **2012**, 120, 3058-3058	2.2	
2	The authors reply. *Critical Care Medicine*, **2020**, 48, e78	1.4	
1	ATS Core Curriculum 2016: Part II. Adult Critical Care Medicine. *Annals of the American Thoracic Society*, **2016**, 13, 731-40	4.7	