

Douglas Curran-Everett

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109
papers

8,309
citations

42
h-index

90
g-index

123
ext. papers

9,884
ext. citations

4.1
avg, IF

6.09
L-index

#	Paper	IF	Citations
109	Identification of asthma phenotypes using cluster analysis in the Severe Asthma Research Program. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 315-23	10.2	1427
108	Genetic epidemiology of COPD (COPDGene) study design. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2010 , 7, 32-43	2	749
107	Characterization of the severe asthma phenotype by the National Heart, Lung, and Blood Institute's Severe Asthma Research Program. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 119, 405-13	11.5	709
106	Multiple comparisons: philosophies and illustrations. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 279, R1-8	3.2	532
105	The fickle P value generates irreproducible results. <i>Nature Methods</i> , 2015 , 12, 179-85	21.6	410
104	Clinical and Radiologic Disease in Smokers With Normal Spirometry. <i>JAMA Internal Medicine</i> , 2015 , 175, 1539-49	11.5	243
103	Mast cell phenotype, location, and activation in severe asthma. Data from the Severe Asthma Research Program. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 299-309	10.2	218
102	Lung function in adults with stable but severe asthma: air trapping and incomplete reversal of obstruction with bronchodilation. <i>Journal of Applied Physiology</i> , 2008 , 104, 394-403	3.7	218
101	Relationships between airflow obstruction and quantitative CT measurements of emphysema, air trapping, and airways in subjects with and without chronic obstructive pulmonary disease. <i>American Journal of Roentgenology</i> , 2013 , 201, W460-70	5.4	201
100	Severe asthma: lessons learned from the National Heart, Lung, and Blood Institute Severe Asthma Research Program. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 356-62	10.2	198
99	Unsupervised phenotyping of Severe Asthma Research Program participants using expanded lung data. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1280-8	11.5	193
98	The effect of pulmonary fibrosis on survival in patients with hypersensitivity pneumonitis. <i>American Journal of Medicine</i> , 2004 , 116, 662-8	2.4	174
97	Combined corticosteroid and cyclophosphamide therapy does not alter survival in idiopathic pulmonary fibrosis. <i>Chest</i> , 2004 , 125, 2169-74	5.3	112
96	IL4R alpha mutations are associated with asthma exacerbations and mast cell/IgE expression. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 570-6	10.2	111
95	In vivo penetration mechanics and mechanical properties of mouse brain tissue at micrometer scales. <i>IEEE Transactions on Biomedical Engineering</i> , 2009 , 56, 45-53	5	110
94	Epidemiology, genetics, and subtyping of preserved ratio impaired spirometry (PRISm) in COPDGene. <i>Respiratory Research</i> , 2014 , 15, 89	7.3	109
93	Clinically significant interstitial lung disease in limited scleroderma: histopathology, clinical features, and survival. <i>Chest</i> , 2008 , 134, 601-605	5.3	107

92	Quantitative computed tomography of the lungs and airways in healthy nonsmoking adults. <i>Investigative Radiology</i> , 2012 , 47, 596-602	10.1	99
91	Fibrosing interstitial pneumonia predicts survival in patients with rheumatoid arthritis-associated interstitial lung disease (RA-ILD). <i>Respiratory Medicine</i> , 2013 , 107, 1247-52	4.6	85
90	Explorations in statistics: the analysis of ratios and normalized data. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2013 , 37, 213-9	1.9	85
89	Respiratory bronchiolitis-interstitial lung disease: long-term outcome. <i>Chest</i> , 2007 , 131, 664-671	5.3	85
88	A double-blind, placebo-controlled immunotherapy dose-response study with standardized cat extract. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 155-61	11.5	84
87	CT-based Visual Classification of Emphysema: Association with Mortality in the COPDGene Study. <i>Radiology</i> , 2018 , 288, 859-866	20.5	80
86	Fundamental concepts in statistics: elucidation and illustration. <i>Journal of Applied Physiology</i> , 1998 , 85, 775-86	3.7	74
85	Obstructive Sleep Apnea Risk, Asthma Burden, and Lower Airway Inflammation in Adults in the Severe Asthma Research Program (SARP) II. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2015 , 3, 566-75.e1	5.4	70
84	Psychosocial, Physical, and Neurophysiological Risk Factors for Chronic Neck Pain: A Prospective Inception Cohort Study. <i>Journal of Pain</i> , 2015 , 16, 1288-1299	5.2	65
83	Explorations in statistics: standard deviations and standard errors. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2008 , 32, 203-8	1.9	61
82	Characteristics of perimenstrual asthma and its relation to asthma severity and control: data from the Severe Asthma Research Program. <i>Chest</i> , 2013 , 143, 984-992	5.3	58
81	Determinants of exhaled breath condensate pH in a large population with asthma. <i>Chest</i> , 2011 , 139, 328-336	5.3	56
80	Keratinocyte growth factor stimulates alveolar type II cell proliferation through the extracellular signal-regulated kinase and phosphatidylinositol 3-OH kinase pathways. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004 , 30, 901-7	5.7	52
79	Angular-stable locked intramedullary nailing of two-part surgical neck fractures of the proximal part of the humerus. A multicenter retrospective observational study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93, 2172-9	5.6	49
78	Predicting intermediate phenotypes in asthma using bronchoalveolar lavage-derived cytokines. <i>Clinical and Translational Science</i> , 2010 , 3, 147-57	4.9	47
77	Statistical considerations in reporting cardiovascular research. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H303-H313	5.2	45
76	Explorations in statistics: confidence intervals. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2009 , 33, 87-90	1.9	43
75	Association Between Expiratory Central Airway Collapse and Respiratory Outcomes Among Smokers. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 498-505	27.4	42

74	Racial differences in quality of life in patients with COPD. <i>Chest</i> , 2011 , 140, 1169-1176	5.3	42
73	Reliability and group differences in quantitative cervicothoracic measures among individuals with and without chronic neck pain. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 215	2.8	40
72	Pericardial abnormalities predict the presence of echocardiographically defined pulmonary arterial hypertension in systemic sclerosis-related interstitial lung disease. <i>Chest</i> , 2007 , 131, 988-92	5.3	40
71	Alpha-1 Antitrypsin PiMZ Genotype Is Associated with Chronic Obstructive Pulmonary Disease in Two Racial Groups. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1280-1287	4.7	39
70	Food allergy is associated with Staphylococcus aureus colonization in children with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1247-1248.e3	11.5	38
69	Explorations in statistics: the log transformation. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2018 , 42, 343-347	1.9	37
68	Predictors of cardiac sarcoidosis using commonly available cardiac studies. <i>American Journal of Cardiology</i> , 2013 , 112, 280-5	3	37
67	Explorations in statistics: the bootstrap. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2009 , 33, 286-92	1.9	36
66	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>Journal of Applied Physiology</i> , 2004 , 97, 457-459	3.7	31
65	Diagnosis of lung nodules with peripheral/radial endobronchial ultrasound-guided transbronchial biopsy. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2012 , 19, 5-11	1.8	26
64	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>American Journal of Physiology - Cell Physiology</i> , 2004 , 287, C243-C245	5.4	26
63	Explorations in statistics: hypothesis tests and P values. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2009 , 33, 81-6	1.9	25
62	Familial idiopathic interstitial pneumonia: histopathology and survival in 30 patients. <i>Archives of Pathology and Laboratory Medicine</i> , 2012 , 136, 1366-76	5	25
61	Explorations in statistics: permutation methods. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2012 , 36, 181-7	1.9	24
60	Response to Lazzeroni et al. <i>Nature Methods</i> , 2016 , 13, 108	21.6	22
59	Detection of fibroproliferation by chest high-resolution CT scan in resolving ARDS. <i>Chest</i> , 2014 , 146, 1196-1204	5.3	22
58	Longitudinal follow-up of fibrosing interstitial pneumonia: relationship between physiologic testing, computed tomography changes, and survival rate. <i>Journal of Thoracic Imaging</i> , 2011 , 26, 209-17	5.6	22
57	Effect of emphysema on CT scan measures of airway dimensions in smokers. <i>Chest</i> , 2013 , 143, 687-693	5.3	21

56	A classic learning opportunity from Fenn, Rahn, and Otis (1946): the alveolar gas equation. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2006 , 30, 58-62	1.9	21
55	Comparison of radiographic and clinical characteristics of low-risk and high-risk cystic fibrosis genotypes. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 915-20	6.3	19
54	Explorations in statistics: regression. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2011 , 35, 347-52	1.9	19
53	CORP: Minimizing the chances of false positives and false negatives. <i>Journal of Applied Physiology</i> , 2017 , 122, 91-95	3.7	18
52	Increased lymphatic vessel length is associated with the fibroblast reticulum and disease severity in usual interstitial pneumonia and nonspecific interstitial pneumonia. <i>Chest</i> , 2012 , 142, 1569-1576	5.3	17
51	Evaluating Discipline-Based Education Research for Promotion and Tenure. <i>Innovative Higher Education</i> , 2018 , 43, 31-39	1	16
50	Effect of K ⁺ ATP channel inhibition on total and regional vascular resistance in guinea pig pregnancy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998 , 275, H680-8	5.2	16
49	Modulation of intracortical inhibition in response to acute psychosocial stress is impaired among individuals with chronic neck pain. <i>Journal of Psychosomatic Research</i> , 2014 , 76, 249-56	4.1	15
48	Explorations in statistics: the assumption of normality. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017 , 41, 449-453	1.9	15
47	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H447-H449	5.2	15
46	Explorations in statistics: the analysis of change. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2015 , 39, 49-54	1.9	14
45	One-Year Outcomes Following Tracheostomy for Acute Respiratory Failure. <i>Critical Care Medicine</i> , 2019 , 47, 1572-1581	1.4	14
44	Explorations in statistics: correlation. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2010 , 34, 186-91	1.9	13
43	Explorations in statistics: power. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2010 , 34, 41-3	1.9	13
42	Associations between cervical and scapular posture and the spatial distribution of trapezius muscle activity. <i>Journal of Electromyography and Kinesiology</i> , 2014 , 24, 542-9	2.5	11
41	Transitional human alveolar type II epithelial cells suppress extracellular matrix and growth factor gene expression in lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 317, L283-L294	5.8	9
40	Characterizing functional lung heterogeneity in COPD using reference equations for CT scan-measured lobar volumes. <i>Chest</i> , 2013 , 143, 1607-1617	5.3	9
39	Acclimatization to hypoxia alters cerebral convective and diffusive O ₂ delivery. <i>Respiration Physiology</i> , 1992 , 88, 355-71		9

38	Visual Assessment of CT Findings in Smokers With Nonobstructed Spirometric Abnormalities in The COPD Gene Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2014 , 1, 88-96	2.7	9
37	TGF beta inhibits HGF, FGF7, and FGF10 expression in normal and IPF lung fibroblasts. <i>Physiological Reports</i> , 2018 , 6, e13794	2.6	9
36	Staphylococcus aureus colonization is associated with increased inhaled corticosteroid requirements in patients with atopic dermatitis and asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017 , 5, 1782-1783	5.4	8
35	Executive function (capacity for behavioral self-regulation) and decline predicted mortality in a longitudinal study in Southern Colorado. <i>Journal of Clinical Epidemiology</i> , 2010 , 63, 307-14	5.7	8
34	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 287, G307-G309	5.1	8
33	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>Journal of Neurophysiology</i> , 2004 , 92, 669-671	3.2	8
32	Vitamin D and food allergy in patients with severe atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 1011	11.5	7
31	General parity between trio and pairwise breeding of laboratory mice in static caging. <i>Journal of Immunology</i> , 2014 , 193, 4757-60	5.3	6
30	Last Word on Perspectives Guidelines for reporting statistics in journals published by the American Physiological Society: the sequel. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2007 , 31, 306-307	1.9	6
29	Identifying Smoking-Related Disease on Lung Cancer Screening CT Scans: Increasing the Value. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019 , 6, 233-245	2.7	6
28	Explorations in statistics: statistical facets of reproducibility. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016 , 40, 248-52	1.9	6
27	Magnitude-based Inference: Good Idea but Flawed Approach. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2164-2165	1.2	6
26	A comparison of specific IgE and skin prick test results to common environmental allergens using the HYTEC 88. <i>Journal of Immunological Methods</i> , 2018 , 462, 9-12	2.5	5
25	Cefoxitin continuous infusion for lung infection caused by the Mycobacterium abscessus group. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 3570-1	5.9	5
24	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 287, L259-L261	5.8	5
23	Increased compound heterozygous filaggrin mutations in severe atopic dermatitis in the United States. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2013 , 1, 534-6	5.4	4
22	Evaluation of a skin test device designed to be less painful. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 1422-3	11.5	4
21	A classic learning opportunity from Arthur Guyton and colleagues (1955): circuit analysis of venous return. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2007 , 31, 129-35	1.9	4

20	Hospital Mechanical Ventilation Volume and Patient Outcomes: Too Much of a Good Thing?. <i>Critical Care Medicine</i> , 2019 , 47, 360-368	1.4	4
19	Estimation of dose-response curves and identification of peaks in hormone pulsations: classic marriages of statistics to science. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 289, E363-5	6	3
18	Anatomic evaluation of radiographic landmarks for accurate straight antegrade intramedullary nail placement in the humerus. <i>JSES International</i> , 2020 , 4, 745-752	1.2	2
17	An index to objectively score supraglottic abnormalities in refractory asthma: learning, validation, and significance. <i>Chest</i> , 2014 , 145, 486-91	5.3	2
16	Letter to the editor. Sides of the story. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013 , 40, 593	3	2
15	Statistics, authors, and reviewers: the heart of the matter. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2009 , 33, 80	1.9	2
14	Oxygen-hemoglobin affinity at sea level may predict acute illness at altitude: theory and simulation. <i>Medical Hypotheses</i> , 2003 , 60, 767-74	3.8	2
13	Stability of Do-Not-Resuscitate Orders in Hospitalized Adults: A Population-Based Cohort Study. <i>Critical Care Medicine</i> , 2021 , 49, 240-249	1.4	2
12	Response to "Confidence intervals are no salvation from the alleged fickleness of the P value". <i>Nature Methods</i> , 2016 , 13, 606	21.6	2
11	Pain perception and performance of three devices for single-site allergen skin testing. <i>Allergy and Asthma Proceedings</i> , 2014 , 35, 63-5	2.6	1
10	An improved statistical methodology to estimate and analyze impedances and transfer functions. <i>Journal of Applied Physiology</i> , 1997 , 83, 2146-57	3.7	1
9	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 287, F169-F171	4.3	1
8	The Process of Scientific Discovery: How Certain Can We Be?. <i>American Biology Teacher</i> , 2000 , 62, 266-275	5.3	1
7	The Process of Scientific Discovery: How Certain Can We Be?. <i>American Biology Teacher</i> , 2000 , 62, 266-275	5.3	1
6	In appreciation: Charles M. Tipton and the history of physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017 , 41, 526-527	1.9	
5	Statistical considerations for occupational and environmental physiology. <i>Temperature</i> , 2019 , 6, 179-180	5.2	
4	A familial study of filaggrin mutation in atopic dermatitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2013 , 111, 302-304.e1	3.2	
3	Best Practices: a series of theory, evidence, and implementation. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2015 , 39, 253	1.9	

- 2 Reply to B. Kay. *American Journal of Physiology - Advances in Physiology Education*, **2008**, 32, 335-335 1.9
- 1 Translation of adapting quantitative CT data from research to local clinical practice: validation evaluation of fully automated procedures to provide lung volumes and percent emphysema. *Journal of Medical Imaging*, **2020**, 7, 022404 2.6