

# Douglas Curran-Everett

## List of Publications by Year in descending order

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122  
papers

10,981  
citations

47004

47  
h-index

30920

102  
g-index

123  
all docs

123  
docs citations

123  
times ranked

12537  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Asthma Phenotypes Using Cluster Analysis in the Severe Asthma Research Program. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 315-323.	5.6	1,820
2	Genetic Epidemiology of COPD (COPDGene) Study Design. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2011, 7, 32-43.	1.6	1,007
3	Characterization of the severe asthma phenotype by the National Heart, Lung, and Blood Institute's Severe Asthma Research Program. Journal of Allergy and Clinical Immunology, 2007, 119, 405-413.	2.9	838
4	Multiple comparisons: philosophies and illustrations. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R1-R8.	1.8	663
5	The fickle P value generates irreproducible results. Nature Methods, 2015, 12, 179-185.	19.0	585
6	Clinical and Radiologic Disease in Smokers With Normal Spirometry. JAMA Internal Medicine, 2015, 175, 1539.	5.1	360
7	Lung function in adults with stable but severe asthma: air trapping and incomplete reversal of obstruction with bronchodilation. Journal of Applied Physiology, 2008, 104, 394-403.	2.5	270
8	Mast Cell Phenotype, Location, and Activation in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 299-309.	5.6	265
9	Relationships Between Airflow Obstruction and Quantitative CT Measurements of Emphysema, Air Trapping, and Airways in Subjects With and Without Chronic Obstructive Pulmonary Disease. American Journal of Roentgenology, 2013, 201, W460-W470.	2.2	252
10	Unsupervised phenotyping of Severe Asthma Research Program participants using expanded lung data. Journal of Allergy and Clinical Immunology, 2014, 133, 1280-1288.	2.9	247
11	Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 356-362.	5.6	242
12	The effect of pulmonary fibrosis on survival in patients with hypersensitivity pneumonitis. American Journal of Medicine, 2004, 116, 662-668.	1.5	227
13	Epidemiology, genetics, and subtyping of preserved ratio impaired spirometry (PRISm) in COPDGene. Respiratory Research, 2014, 15, 89.	3.6	196
14	CT-based Visual Classification of Emphysema: Association with Mortality in the COPDGene Study. Radiology, 2018, 288, 859-866.	7.3	138
15	Combined Corticosteroid and Cyclophosphamide Therapy Does Not Alter Survival in Idiopathic Pulmonary Fibrosis. Chest, 2004, 125, 2169-2174.	0.8	136
16	Clinically Significant Interstitial Lung Disease in Limited Scleroderma. Chest, 2008, 134, 601-605.	0.8	136
17	IL4R1 Mutations Are Associated with Asthma Exacerbations and Mast Cell/IgE Expression. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 570-576.	5.6	133
18	Explorations in statistics: the analysis of ratios and normalized data. American Journal of Physiology - Advances in Physiology Education, 2013, 37, 213-219.	1.6	133

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19	<i>In Vivo</i> Penetration Mechanics and Mechanical Properties of Mouse Brain Tissue at Micrometer Scales. IEEE Transactions on Biomedical Engineering, 2009, 56, 45-53.	4.2	131
20	Guidelines for reporting statistics in journals published by the American Physiological Society. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R247-R249.	1.8	125
21	Quantitative Computed Tomography of the Lungs and Airways in Healthy Nonsmoking Adults. Investigative Radiology, 2012, 47, 596-602.	6.2	121
22	Fibrosing interstitial pneumonia predicts survival in patients with rheumatoid arthritis-associated interstitial lung disease (RA-ILD). Respiratory Medicine, 2013, 107, 1247-1252.	2.9	115
23	Obstructive Sleep Apnea Risk, Asthma Burden, and Lower Airway Inflammation in Adults in the Severe Asthma Research Program (SARP) II. Journal of Allergy and Clinical Immunology: in Practice, 2015, 3, 566-575.e1.	3.8	107
24	Respiratory Bronchiolitis-Interstitial Lung Disease. Chest, 2007, 131, 664-671.	0.8	104
25	A double-blind, placebo-controlled immunotherapy dose-response study with standardized cat extract. Journal of Allergy and Clinical Immunology, 2003, 111, 155-161.	2.9	99
26	Guidelines for reporting statistics in journals published by the American Physiological Society: the sequel. American Journal of Physiology - Advances in Physiology Education, 2007, 31, 295-298.	1.6	97
27	Fundamental concepts in statistics: elucidation and illustration. Journal of Applied Physiology, 1998, 85, 775-786.	2.5	95
28	Psychosocial, Physical, and Neurophysiological Risk Factors for Chronic Neck Pain: A Prospective Inception Cohort Study. Journal of Pain, 2015, 16, 1288-1299.	1.4	88
29	Characteristics of Perimenstrual Asthma and Its Relation to Asthma Severity and Control. Chest, 2013, 143, 984-992.	0.8	78
30	Explorations in statistics: the log transformation. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 343-347.	1.6	78
31	Explorations in statistics: standard deviations and standard errors. American Journal of Physiology - Advances in Physiology Education, 2008, 32, 203-208.	1.6	74
32	Post-hoc data analysis. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 223-224.	2.3	74
33	Association Between Expiratory Central Airway Collapse and Respiratory Outcomes Among Smokers. JAMA - Journal of the American Medical Association, 2016, 315, 498.	7.4	67
34	Guidelines for reporting statistics in journals published by the American Physiological Society. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E189-E191.	3.5	62
35	Predicting Intermediate Phenotypes in Asthma Using Bronchoalveolar Lavage-Derived Cytokines. Clinical and Translational Science, 2010, 3, 147-157.	3.1	62
36	Guidelines for reporting statistics in journals published by the American Physiological Society. American Journal of Physiology - Advances in Physiology Education, 2004, 28, 85-87.	1.6	61

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37	Determinants of Exhaled Breath Condensate pH in a Large Population With Asthma. <i>Chest</i> , 2011, 139, 328-336.	0.8	61
38	Racial Differences in Quality of Life in Patients With COPD. <i>Chest</i> , 2011, 140, 1169-1176.	0.8	61
39	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.	3.2	60
40	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, 901-907.	2.9	59
41	Explorations in statistics: confidence intervals. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2009, 33, 87-90.	1.6	59
42	Angular-Stable Locked Intramedullary Nailing of Two-Part Surgical Neck Fractures of the Proximal Part of the Humerus. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 2172-2179.	3.0	59
43	Statistical considerations in reporting cardiovascular research. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H303-H313.	3.2	58
44	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>Physiological Genomics</i> , 2004, 18, 249-251.	2.3	53
45	Predictors of Cardiac Sarcoidosis Using Commonly Available Cardiac Studies. <i>American Journal of Cardiology</i> , 2013, 112, 280-285.	1.6	53
46	Reliability and group differences in quantitative cervicothoracic measures among individuals with and without chronic neck pain. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 215.	1.9	51
47	Food allergy is associated with <i>Staphylococcus aureus</i> colonization in children with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1247-1248.e3.	2.9	50
48	Pericardial Abnormalities Predict the Presence of Echocardiographically Defined Pulmonary Arterial Hypertension in Systemic Sclerosis-Related Interstitial Lung Disease. <i>Chest</i> , 2007, 131, 988-992.	0.8	45
49	Explorations in statistics: the bootstrap. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2009, 33, 286-292.	1.6	43
50	Response to Lazzeroni et al.. <i>Nature Methods</i> , 2016, 13, 108-108.	19.0	39
51	Explorations in statistics: hypothesis tests and P values. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2009, 33, 81-86.	1.6	37
52	CORP: Minimizing the chances of false positives and false negatives. <i>Journal of Applied Physiology</i> , 2017, 122, 91-95.	2.5	37
53	Familial Idiopathic Interstitial Pneumonia: Histopathology and Survival in 30 Patients. <i>Archives of Pathology and Laboratory Medicine</i> , 2012, 136, 1366-1376.	2.5	36
54	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 287, C243-C245.	4.6	35

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55	Evaluating Discipline-Based Education Research for Promotion and Tenure. <i>Innovative Higher Education</i> , 2018, 43, 31-39.	2.5	34
56	Evolution in statistics: <i>P</i> values, statistical significance, kayaks, and walking trees. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 221-224.	1.6	34
57	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>Journal of Applied Physiology</i> , 2004, 97, 457-459.	2.5	34
58	Diagnosis of Lung Nodules With Peripheral/Radial Endobronchial Ultrasound-guided Transbronchial Biopsy. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2012, 19, 5-11.	1.4	33
59	Longitudinal Follow-up of Fibrosing Interstitial Pneumonia. <i>Journal of Thoracic Imaging</i> , 2011, 26, 209-217.	1.5	30
60	Explorations in statistics: permutation methods. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2012, 36, 181-187.	1.6	29
61	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.	1.6	28
62	Detection of Fibroproliferation by Chest High-Resolution CT Scan in Resolving ARDS. <i>Chest</i> , 2014, 146, 1196-1204.	0.8	28
63	One-Year Outcomes Following Tracheostomy for Acute Respiratory Failure*. <i>Critical Care Medicine</i> , 2019, 47, 1572-1581.	0.9	28
64	Explorations in statistics: the assumption of normality. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017, 41, 449-453.	1.6	27
65	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.	0.8	26
66	Effect of Emphysema on CT Scan Measures of Airway Dimensions in Smokers. <i>Chest</i> , 2013, 143, 687-693.	0.8	26
67	Explorations in statistics: the analysis of change. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2015, 39, 49-54.	1.6	25
68	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-H688.	3.2	24
69	Explorations in statistics: regression. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2011, 35, 347-352.	1.6	23
70	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, 915-920.	2.8	22
71	Explorations in statistics: correlation. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2010, 34, 186-191.	1.6	20
72	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.	3.2	18

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73	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, 249-256.	2.6	18
74	Explorations in statistics: power. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2010, 34, 41-43.	1.6	17
75	TGF beta inhibits HGF, FGF7, and FGF10 expression in normal and IPF lung fibroblasts. <i>Physiological Reports</i> , 2018, 6, e13794.	1.7	16
76	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.	2.9	14
77	Characterizing Functional Lung Heterogeneity in COPD Using Reference Equations for CT Scan-Measured Lobar Volumes. <i>Chest</i> , 2013, 143, 1607-1617.	0.8	12
78	Associations between cervical and scapular posture and the spatial distribution of trapezius muscle activity. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 542-549.	1.7	12
79	Explorations in statistics: statistical facets of reproducibility. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 248-252.	1.6	12
80	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, 307-314.	5.0	11
81	Hospital Mechanical Ventilation Volume and Patient Outcomes: Too Much of a Good Thing?. <i>Critical Care Medicine</i> , 2019, 47, 360-368.	0.9	11
82	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.	0.7	11
83	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.	0.7	11
84	Acclimatization to hypoxia alters cerebral convective and diffusive O <sub>2</sub> delivery. <i>Respiration Physiology</i> , 1992, 88, 355-371.	2.7	10
85	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G307-G309.	3.4	9
86	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.	1.6	9
87	Vitamin D and food allergy in patients with severe atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1011.	2.9	9
88	<i>Staphylococcus aureus</i> 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.	3.8	9
89	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>Journal of Neurophysiology</i> , 2004, 92, 669-671.	1.8	9
90	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, 534-536.	3.8	8

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91	General Parity between Trio and Pairwise Breeding of Laboratory Mice in Static Caging. <i>Journal of Immunology</i> , 2014, 193, 4757-4760.	0.8	8
92	Magnitude-based Inference: Good Idea but Flawed Approach. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2164-2165.	0.4	8
93	Stability of Do-Not-Resuscitate Orders in Hospitalized Adults: A Population-Based Cohort Study*. <i>Critical Care Medicine</i> , 2021, 49, 240-249.	0.9	8
94	Cefoxitin Continuous Infusion for Lung Infection Caused by the <i>Mycobacterium abscessus</i> Group. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3570-3571.	3.2	7
95	Small steps to help improve the caliber of the reporting of statistics. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017, 41, 321-323.	1.6	6
96	A comparison of specific IgE and skin prick test results to common environmental allergens using the HYTECa,¢ 288. <i>Journal of Immunological Methods</i> , 2018, 462, 9-12.	1.4	6
97	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.	2.9	5
98	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, 129-135.	1.6	5
99	Evaluation of a skin test device designed to be less painful. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1422-1423.	2.9	5
100	The thrill of the paper, the agony of the review. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017, 41, 338-340.	1.6	5
101	Anatomic evaluation of radiographic landmarks for accurate straight antegrade intramedullary nail placement in the humerus. <i>JSES International</i> , 2020, 4, 745-752.	1.6	5
102	Statistics, authors, and reviewers: the heart of the matter. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2009, 33, 80-80.	1.6	4
103	Unrecognized nonadherence masquerades as drug resistance. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012, 12, 219-220.	2.3	4
104	An improved statistical methodology to estimate and analyze impedances and transfer functions. <i>Journal of Applied Physiology</i> , 1997, 83, 2146-2157.	2.5	3
105	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-E365.	3.5	3
106	An Index to Objectively Score Supraglottic Abnormalities in Refractory Asthma. <i>Chest</i> , 2014, 145, 486-491.	0.8	3
107	Oxygen-hemoglobin affinity at sea level may predict acute illness at altitude: theory and simulation. <i>Medical Hypotheses</i> , 2003, 60, 767-774.	1.5	2
108	Letter to the Editor. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 593-593.	1.9	2

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109	Pain perception and performance of three devices for single-site allergen skin testing. <i>Allergy and Asthma Proceedings</i> , 2014, 35, 63-65.	2.2	2
110	Response to "Confidence intervals are no salvation from the alleged fickleness of the P value". <i>Nature Methods</i> , 2016, 13, 606-606.	19.0	2
111	Reflections from <i>Advances</i> editors: how we got to where we did with <i>Advances</i>. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2018, 42, 405-411.	1.6	2
112	The Process of Scientific Discovery: How Certain Can We Be?. <i>American Biology Teacher</i> , 2000, 62, 266-275.	0.2	1
113	The Process of Scientific Discovery: How Certain Can We Be?. <i>American Biology Teacher</i> , 2000, 62, 266-275.	0.2	1
114	Guidelines for reporting statistics in journals published by the American Physiological Society. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, F169-F171.	2.7	1
115	Clinical Subphenotyping Of Severe Asthma Patients In The Severe Asthma Research Program (SARP) Using An Unsupervised Learning Approach. , 2011, , .		1
116	Advances: the next stage of the journey. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2014, 38, 1-2.	1.6	1
117	Best Practices: a series of theory, evidence, and implementation. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2015, 39, 253-253.	1.6	1
118	Statistical considerations for occupational and environmental physiology. <i>Temperature</i> , 2019, 6, 179-180.	3.0	1
119	Reply to B. Kay. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2008, 32, 335-335.	1.6	0
120	A familial study of filaggrin mutation in atopic dermatitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2013, 111, 302-304.e1.	1.0	0
121	In appreciation: Charles M. Tipton and the history of physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017, 41, 526-527.	1.6	0
122	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. <i>Journal of Medical Imaging</i> , 2019, 7, 1.	1.5	0