

# David T Mauger

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

6,448  
citations

147566

31  
h-index

214527

47  
g-index

51  
all docs

51  
docs citations

51  
times ranked

9305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D supplementation to prevent acute respiratory tract infections: systematic review and meta-analysis of individual participant data. <i>BMJ: British Medical Journal</i> , 2017, 356, i6583.	2.4	1,408
2	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.	5.2	375
3	COVID-19-related Genes in Sputum Cells in Asthma. Relationship to Demographic Features and Corticosteroids. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 83-90.	2.5	370
4	Mucus plugs in patients with asthma linked to eosinophilia and airflow obstruction. <i>Journal of Clinical Investigation</i> , 2018, 128, 997-1009.	3.9	337
5	Vitamin D supplementation to prevent acute respiratory infections: a systematic review and meta-analysis of aggregate data from randomised controlled trials. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 276-292.	5.5	292
6	Effect of Vitamin D <sub>3</sub> on Asthma Treatment Failures in Adults With Symptomatic Asthma and Lower Vitamin D Levels. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 2083.	3.8	236
7	Vitamin D supplementation to prevent asthma exacerbations: a systematic review and meta-analysis of individual participant data. <i>Lancet Respiratory Medicine</i> , 2017, 5, 881-890.	5.2	236
8	Vitamin D supplementation to prevent acute respiratory infections: individual participant data meta-analysis. <i>Health Technology Assessment</i> , 2019, 23, 1-44.	1.3	230
9	Early Administration of Azithromycin and Prevention of Severe Lower Respiratory Tract Illnesses in Preschool Children With a History of Such Illnesses. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 2034.	3.8	224
10	Features of the bronchial bacterial microbiome associated with atopy, asthma, and responsiveness to inhaled corticosteroid treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 63-75.	1.5	222
11	Baseline Features of the Severe Asthma Research Program (SARP III) Cohort: Differences with Age. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 545-554.e4.	2.0	210
12	Individualized therapy for persistent asthma in young children. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1608-1618.e12.	1.5	208
13	The Role of Neutrophils in the Production of Hypoxic-Ischemic Brain Injury in the Neonatal Rat. <i>Pediatric Research</i> , 1997, 41, 607-616.	1.1	168
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.	2.5	165
15	Factors associated with asthma exacerbations during a long-term clinical trial of controller medications in children. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 741-747.e4.	1.5	157
16	Neutrophil cytoplasts induce T <sub>H</sub> 17 differentiation and skew inflammation toward neutrophilia in severe asthma. <i>Science Immunology</i> , 2018, 3, .	5.6	157
17	Prevention of Recurrent Foot Ulcers With Plantar Pressure-Based In-Shoe Orthoses: The CareFUL Prevention Multicenter Randomized Controlled Trial. <i>Diabetes Care</i> , 2014, 37, 1982-1989.	4.3	140
18	Refractory airway type 2 inflammation in a large subgroup of asthmatic patients treated with inhaled corticosteroids. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 104-113.e14.	1.5	135

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19	Quintupling Inhaled Glucocorticoids to Prevent Childhood Asthma Exacerbations. <i>New England Journal of Medicine</i> , 2018, 378, 891-901.	13.9	115
20	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.	2.5	105
21	The upper-airway microbiota and loss of asthma control among asthmatic children. <i>Nature Communications</i> , 2019, 10, 5714.	5.8	100
22	Bacterial biogeography of adult airways in atopic asthma. <i>Microbiome</i> , 2018, 6, 104.	4.9	93
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.	2.5	87
24	Natural killer cell-mediated inflammation resolution is disabled in severe asthma. <i>Science Immunology</i> , 2017, 2, .	5.6	76
25	Racial disparities in asthma-related health care use in the National Heart, Lung, and Blood Institute's Severe Asthma Research Program. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2052-2061.	1.5	65
26	Phenotypes of Recurrent Wheezing in Preschool Children: Identification by Latent Class Analysis and Utility in Prediction of Future Exacerbation. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 915-924.e7.	2.0	47
27	Distinct associations of sputum and oral microbiota with atopic, immunologic, and clinical features in mild asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1016-1026.	1.5	46
28	Severe asthma during childhood and adolescence: A longitudinal study. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 140-146.e9.	1.5	45
29	Daily Diaries vs Retrospective Questionnaires to Assess Asthma Control and Therapeutic Responses in Asthma Clinical Trials. <i>Chest</i> , 2013, 143, 993-999.	0.4	39
30	Race is associated with differences in airway inflammation in patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 257-265.e11.	1.5	39
31	Mixed Sputum Granulocyte Longitudinal Impact on Lung Function in the Severe Asthma Research Program. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 882-892.	2.5	39
32	Ornithine decarboxylase over-expression stimulates mitogen-activated protein kinase and anchorage-independent growth of human breast epithelial cells. , 1997, 70, 175-182.		30
33	Quantitative CT metrics are associated with longitudinal lung function decline and future asthma exacerbations: Results from SARP-3. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 752-762.	1.5	30
34	ALX receptor ligands define a biochemical endotype for severe asthma. <i>JCI Insight</i> , 2017, 2, .	2.3	29
35	The association between vitamin D status and the rate of exacerbations requiring oral corticosteroids in preschool children with recurrent wheezing. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1489-1492.e3.	1.5	27
36	Benefits of Airway Androgen Receptor Expression in Human Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 285-293.	2.5	26

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37	Heterogeneity of Mild to Moderate Persistent Asthma in Children: Confirmation by Latent Class Analysis and Association with 1-Year Outcomes. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2617-2627.e4.	2.0	21
38	Development and initial validation of the Asthma Severity Scoring System (ASSESS). <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 127-139.	1.5	19
39	Overweight/obesity status in preschool children associates with worse asthma but robust improvement on inhaled corticosteroids. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1459-1467.e2.	1.5	15
40	Responsiveness to Parenteral Corticosteroids and Lung Function Trajectory in Adults with Moderate-to-Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 841-852.	2.5	14
41	Geography, generalisability, and susceptibility in clinical trials. <i>Lancet Respiratory Medicine</i> , 2021, 9, 330-332.	5.2	12
42	Clinical significance of the bronchodilator response in children with severe asthma. <i>Pediatric Pulmonology</i> , 2019, 54, 1694-1703.	1.0	10
43	Internet-Based Monitoring in the Severe Asthma Research Program Identifies a Subgroup of Patients With Labile Asthma Control. <i>Chest</i> , 2018, 153, 378-386.	0.4	6
44	Glutathione and arginine levels: Predictors for acetaminophen-associated asthma exacerbation?. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 308-311.e9.	1.5	3
45	Quantitative CT Characteristics of Cluster Phenotypes in the Severe Asthma Research Program Cohorts. <i>Radiology</i> , 2022, 304, 450-459.	3.6	3
46	Challenges in assessing the efficacy of systemic corticosteroids for severe wheezing episodes in preschool children. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1934-1937.e4.	1.5	2
47	Clinical and molecular implications of RGS2 promoter genetic variation in severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 721-726.e1.	1.5	1
48	Applying the Clinical Literature to a Science of Uncertainty and an Art of Probability. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 4233-4234.	2.0	1
49	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1213.	1.5	0
50	Meta-analysis: Effects of a Moderate Fat (MF) versus Lower Fat (LF) Diets on Serum Lipid Profile. <i>FASEB Journal</i> , 2007, 21, A698.	0.2	0