

Michael D Evans

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1172566/publications.pdf>

Version: 2024-02-01

101
papers

6,617
citations

94381

37
h-index

64755

79
g-index

103
all docs

103
docs citations

103
times ranked

6353
citing authors

#	ARTICLE	IF	CITATIONS
1	Wheezing Rhinovirus Illnesses in Early Life Predict Asthma Development in High-Risk Children. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 667-672.	2.5	1,151
2	Rhinovirus illnesses during infancy predict subsequent childhood wheezing. Journal of Allergy and Clinical Immunology, 2005, 116, 571-577.	1.5	672
3	Evidence for a Causal Relationship between Allergic Sensitization and Rhinovirus Wheezing in Early Life. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 281-285.	2.5	301
4	Human Rhinovirus Species and Season of Infection Determine Illness Severity. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 886-891.	2.5	268
5	Detection of pathogenic bacteria during rhinovirus infection is associated with increased respiratory symptoms and asthma exacerbations. Journal of Allergy and Clinical Immunology, 2014, 133, 1301-1307.e3.	1.5	226
6	Early life rhinovirus wheezing, allergic sensitization, and asthma risk at adolescence. Journal of Allergy and Clinical Immunology, 2017, 139, 501-507.	1.5	195
7	Early Emphysematous Changes in Asymptomatic Smokers: Detection with ^3He MR Imaging. Radiology, 2006, 239, 875-883.	3.6	194
8	Weekly monitoring of children with asthma for infections and illness during common cold seasons. Journal of Allergy and Clinical Immunology, 2010, 125, 1001-1006.e1.	1.5	170
9	Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life. Journal of Allergy and Clinical Immunology, 2006, 117, 72-78.	1.5	151
10	Evaluation of Structure-Function Relationships in Asthma using Multidetector CT and Hyperpolarized He-3 MRI. Academic Radiology, 2008, 15, 753-762.	1.3	139
11	Aerosol Generation from the Respiratory Tract with Various Modes of Oxygen Delivery. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1115-1124.	2.5	122
12	Detection of Age-Dependent Changes in Healthy Adult Lungs With Diffusion-Weighted ^3He MRI. Academic Radiology, 2005, 12, 1385-1393.	1.3	117
13	Evaluation of the Modified Asthma Predictive Index in High-Risk Preschool Children. Journal of Allergy and Clinical Immunology: in Practice, 2013, 1, 152-156.	2.0	113
14	Decreased lung function after preschool wheezing rhinovirus illnesses in children at risk to develop asthma. Journal of Allergy and Clinical Immunology, 2011, 128, 532-538.e10.	1.5	111
15	Mepolizumab Attenuates Airway Eosinophil Numbers, but Not Their Functional Phenotype, in Asthma. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1385-1395.	2.5	103
16	Sex-related differences in immune development and the expression of atopy in early childhood. Journal of Allergy and Clinical Immunology, 2006, 118, 1375-1381.	1.5	101
17	Lower Airway Rhinovirus Burden and the Seasonal Risk of Asthma Exacerbation. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1007-1014.	2.5	99
18	Effects of rhinovirus species on viral replication and cytokine production. Journal of Allergy and Clinical Immunology, 2014, 134, 332-341.e10.	1.5	98

#	ARTICLE	IF	CITATIONS
19	Increased H1N1 Infection Rate in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1275-1279.	2.5	96
20	Similar colds in subjects with allergic asthma and nonatopic subjects after inoculation with rhinovirus-16. Journal of Allergy and Clinical Immunology, 2009, 124, 245-252.e3.	1.5	83
21	Cadherin-related Family Member 3 Genetics and Rhinovirus C Respiratory Illnesses. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 589-594.	2.5	80
22	Improved Molecular Typing Assay for Rhinovirus Species A, B, and C. Journal of Clinical Microbiology, 2014, 52, 2461-2471.	1.8	79
23	Fractional exhaled nitric oxide measurements are most closely associated with allergic sensitization in school-age children. Journal of Allergy and Clinical Immunology, 2009, 124, 949-953.	1.5	66
24	Evaluation of skiing and snowboarding injuries sustained in terrain parks versus traditional slopes. Injury Prevention, 2010, 16, 119-122.	1.2	66
25	Safety of investigative bronchoscopy in the Severe Asthma Research Program. Journal of Allergy and Clinical Immunology, 2011, 128, 328-336.e3.	1.5	65
26	House dust mite sublingual immunotherapy: Results of a US trial. Journal of Allergy and Clinical Immunology, 2011, 127, 974-981.e7.	1.5	64
27	Characterizing asthma from a drop of blood using neutrophil chemotaxis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5813-5818.	3.3	64
28	Developmental patterns in the nasopharyngeal microbiome during infancy are associated with asthma risk. Journal of Allergy and Clinical Immunology, 2021, 147, 1683-1691.	1.5	61
29	Airway neutrophil inflammatory phenotype in older subjects with asthma. Journal of Allergy and Clinical Immunology, 2010, 125, 1163-1165.	1.5	58
30	Pulmonary ³ He magnetic resonance imaging of childhood asthma. Journal of Allergy and Clinical Immunology, 2013, 131, 369-376.e5.	1.5	52
31	Early childhood weight status in relation to asthma development in high-risk children. Journal of Allergy and Clinical Immunology, 2010, 126, 1157-1162.	1.5	51
32	A Protocol of Dual Prophylaxis for Venous Thromboembolism Prevention in Gynecologic Cancer Patients. Obstetrics and Gynecology, 2008, 112, 1091-1097.	1.2	50
33	GM-CSF Production by Glioblastoma Cells Has a Functional Role in Eosinophil Survival, Activation, and Growth Factor Production for Enhanced Tumor Cell Proliferation. Journal of Immunology, 2011, 187, 1254-1263.	0.4	49
34	Club Cell TRPV4 Serves as a Damage Sensor Driving Lung Allergic Inflammation. Cell Host and Microbe, 2020, 27, 614-628.e6.	5.1	47
35	Tensin 1 Is Essential for Myofibroblast Differentiation and Extracellular Matrix Formation. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 465-476.	1.4	45
36	Pulmonary ventilation imaging in asthma and cystic fibrosis using oxygen-enhanced 3D radial ultrashort echo time MRI. Journal of Magnetic Resonance Imaging, 2018, 47, 1287-1297.	1.9	45

#	ARTICLE	IF	CITATIONS
37	Viral Infections, Cytokine Dysregulation and the Origins of Childhood Asthma and Allergic Diseases. <i>Pediatric Infectious Disease Journal</i> , 2005, 24, S170-S176.	1.1	44
38	Budesonide and formoterol effects on rhinovirus replication and epithelial cell cytokine responses. <i>Respiratory Research</i> , 2013, 14, 98.	1.4	40
39	IFNG genotype and sex interact to influence the risk of childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 524-531.	1.5	38
40	Obstruction phenotype as a predictor of asthma severity and instability in children. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1090-1099.e4.	1.5	36
41	Ventilation defect percent in helium-3 magnetic resonance imaging as a biomarker of severe outcomes in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1140-1141.e4.	1.5	36
42	Association of rhinovirus species with common cold and asthma symptoms and bacterial pathogens. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 822-824.e9.	1.5	36
43	Association between CD4+CD25 ^{high} T cells and Atopy in children. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 177-183.	1.5	34
44	Serum periostin is associated with type 2 immunity in severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1904-1907.e2.	1.5	34
45	Recurrent severe exacerbations in early life and reduced lung function at school age. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1162-1164.	1.5	33
46	Variability of blood eosinophil count as an asthma biomarker. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 117, 551-553.	0.5	32
47	Optimal Catheter Placement During Sonohysterography. <i>Obstetrics and Gynecology</i> , 2008, 111, 15-21.	1.2	31
48	Sputum cell IL-1 receptor expression level is a marker of airway neutrophilia and airflow obstruction in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 415-423.	1.5	31
49	Regional Heterogeneity of Lobar Ventilation in Asthma Using Hyperpolarized Helium-3 MRI. <i>Academic Radiology</i> , 2018, 25, 169-178.	1.3	29
50	Ventilation defects on hyperpolarized helium-3 MRI in asthma are predictive of 2-year exacerbation frequency. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 831-839.e6.	1.5	29
51	Protection from asthma in a high-risk birth cohort by attenuated P2X7 function. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 496-502.	1.5	27
52	Markers of Vascular Perturbation Correlate with Airway Structural Change in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 167-178.	2.5	26
53	Medical Student Outcomes After Family-Centered Bedside Rounds. <i>Academic Pediatrics</i> , 2011, 11, 403-408.	1.0	25
54	Early-life folate levels are associated with incident allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 226-228.e2.	1.5	25

#	ARTICLE	IF	CITATIONS
55	Enhanced Neutralizing Antibody Responses to Rhinovirus C and Age-Dependent Patterns of Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 822-830.	2.5	24
56	Neuroimaging and biomarker evidence of neurodegeneration in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 589-598.e6.	1.5	24
57	Eosinophil $\text{Î}21$ integrin activation state correlates with asthma activity in a blind study of inhaled corticosteroid withdrawal. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 1502-1504.	1.5	23
58	Maternal microchimerism protects against the development of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 39-44.e4.	1.5	22
59	Deep convolutional neural networks with multiplane consensus labeling for lung function quantification using UTE proton MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1169-1181.	1.9	22
60	Potent inhibitors of toxic alpha-synuclein identified via cellular time-resolved FRET biosensors. <i>Npj Parkinson's Disease</i> , 2021, 7, 52.	2.5	22
61	Trajectories of childhood immune development and respiratory health relevant to asthma and allergy. <i>ELife</i> , 2018, 7, .	2.8	22
62	Mucus Plugs in Asthma at CT Associated with Regional Ventilation Defects at ^3He MRI. <i>Radiology</i> , 2022, 303, 184-190.	3.6	22
63	Effects of montelukast on patients with asthma after experimental inoculation with human rhinovirus 16. <i>Annals of Allergy, Asthma and Immunology</i> , 2011, 106, 252-257.	0.5	21
64	FUT2-ABO epistasis increases the risk of early childhood asthma and <i>Streptococcus pneumoniae</i> respiratory illnesses. <i>Nature Communications</i> , 2020, 11, 6398.	5.8	21
65	Airway factor XIII associates with type 2 inflammation and airway obstruction in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 767-773.e6.	1.5	19
66	Cord Blood-Derived Exosomal CNTN2 and BDNF: Potential Molecular Markers for Brain Health of Neonates at Risk for Iron Deficiency. <i>Nutrients</i> , 2019, 11, 2478.	1.7	19
67	Inhaled corticosteroid use is associated with increased circulating T regulatory cells in children with asthma. <i>Clinical and Molecular Allergy</i> , 2013, 11, 1.	0.8	18
68	Clinical utility of the Chronic Urticaria Index. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1626-1627.	1.5	17
69	Patterns of farm exposure are associated with reduced incidence of atopic dermatitis in early life. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1379-1386.e6.	1.5	16
70	Human Airway Eosinophils Exhibit Preferential Reduction in STAT Signaling Capacity and Increased CISH Expression. <i>Journal of Immunology</i> , 2013, 191, 2900-2906.	0.4	15
71	Role of food and aeroallergen sensitization in eosinophilic esophagitis in adults. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 117, 387-393.e2.	0.5	15
72	Asthma is associated with carotid arterial injury in children: The Childhood Origins of Asthma (COAST) Cohort. <i>PLoS ONE</i> , 2018, 13, e0204708.	1.1	15

#	ARTICLE	IF	CITATIONS
73	Î±IIb-Integrin (CD41) associated with blood eosinophils is a potential biomarker for disease activity in eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1699-1701.	1.5	15
74	Detecting Progression of Nuclear Sclerosis by Using Human Grading Versus Semiautomated Computer Grading. , 2005, 46, 1155.		14
75	Expression patterns of atopic eczema and respiratory illnesses in a high-risk birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 491-493.e4.	1.5	14
76	Assessment of wheezing frequency and viral etiology on childhood and adolescent asthma risk. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 692-694.	1.5	14
77	The asthma index: A continuous variable to characterize exacerbations of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 838-840.	1.5	13
78	Evaluation of a School-Based Asthma Education Protocol. <i>Journal of School Nursing</i> , 2017, 33, 189-197.	0.9	13
79	Lumen area change (Delta Lumen) between inspiratory and expiratory multidetector computed tomography as a measure of severe outcomes in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1773-1780.e9.	1.5	13
80	Race, rituximab, and relapse in TTP. <i>Blood</i> , 2022, 140, 1335-1344.	0.6	13
81	Safety of and Cellular Response to Segmental Bronchoprovocation in Allergic Asthma. <i>PLoS ONE</i> , 2013, 8, e51963.	1.1	11
82	Predictors of Survival After Liver Transplantation in Patients With the Highest Acuity (MELD $\hat{\alpha}$ ¥40). <i>Annals of Surgery</i> , 2020, 272, 458-466.	2.1	11
83	Acute aerobic exercise reveals that FAHFAs distinguish the metabolomes of overweight and normal-weight runners. <i>JCI Insight</i> , 2022, 7, .	2.3	11
84	Elevated fractional exhaled nitric oxide and blood eosinophil counts are associated with a 17q21 asthma risk allele in adult subjects. <i>Journal of Asthma and Allergy</i> , 2018, Volume 11, 1-9.	1.5	9
85	Comparison of risk factors for viral and nonviral asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1127-1129.e4.	1.5	8
86	Respiratory health, allergies, and the farm environment: design, methods and enrollment in the observational Wisconsin Infant Study Cohort (WISC): a research proposal. <i>BMC Research Notes</i> , 2019, 12, 423.	0.6	8
87	The relationships among immunoglobulin levels, allergic sensitization, and viral respiratory illnesses in early childhood. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 990-996.	1.1	7
88	Sex-related differences in pulmonary physiologic outcome measures in a high-risk birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 282-287.	1.5	7
89	Eosinophil-degranulation products drive a proinflammatory fibroblast phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1360-1363.e3.	1.5	7
90	Clinical and microbiologic investigation of an expedited peri-implantitis dog model: an animal study. <i>BMC Oral Health</i> , 2019, 19, 150.	0.8	7

#	ARTICLE	IF	CITATIONS
91	Regulation of Osteoclast Differentiation at Multiple Stages by Protein Kinase D Family Kinases. International Journal of Molecular Sciences, 2020, 21, 1056.	1.8	6
92	Use of expanded-criteria donors and > 85 KDPI kidneys for pediatric kidney transplantation in the United States. American Journal of Transplantation, 2021, 21, 1160-1170.	2.6	5
93	Severity of virus-induced asthma symptoms is inversely related to resolution IFN- expression. Journal of Allergy and Clinical Immunology, 2015, 135, 1656-1659.e4.	1.5	4
94	Safety of repeated hyperpolarized helium 3 magnetic resonance imaging in pediatric asthma patients. Pediatric Radiology, 2020, 50, 646-655.	1.1	4
95	Impact of Covid-19 on dental hygiene educators: A national survey. Journal of Dental Education, 2022, , .	0.7	3
96	Care of the Underserved: Faculty Development Needs Assessment. Journal of the National Medical Association, 2010, 102, 713-719.	0.6	1
97	Preliminary evaluation of dental hygiene curriculum: Assessment and management of peri-implant conditions and diseases. Journal of Dental Education, 2020, 84, 642-651.	0.7	1
98	Ensemble Analysis Identifies Nasal 15-Keto-PGE2 as a Predictor of Recovery in Experimental Rhinovirus Colds. Journal of Infectious Diseases, 2021, 224, 839-849.	1.9	1
99	Epidural Analgesia Superior to Patient-controlled Analgesia for Postoperative Pain Relief in Gynecologic Oncology Surgery. Journal of Pelvic Medicine & Surgery, 2007, 13, 191-196.	0.1	0
100	Optimal Catheter Placement During Sonohysterography: A Randomized Controlled Trial Comparing Cervical to Uterine Placement. Obstetrics and Gynecology, 2008, 112, 378-379.	1.2	0
101	Dental Hygiene Students' Perceptions Regarding the Importance of and Confidence with Using Brief Motivational Interviewing during HPV Patient Counseling.. Journal of Dental Hygiene: JDH / American Dental Hygienists' Association, 2022, 96, 50-58.	0.1	0