

Michael D Evans

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

6,617
citations

108046

37
h-index

73587

79
g-index

103
all docs

103
docs citations

103
times ranked

6786
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroimaging and biomarker evidence of neurodegeneration in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 589-598.e6.	1.5	24
2	Impact of Covid-19 on dental hygiene educators: A national survey. <i>Journal of Dental Education</i> , 2022, , .	0.7	3
3	Acute aerobic exercise reveals that FAHFAs distinguish the metabolomes of overweight and normal-weight runners. <i>JCI Insight</i> , 2022, 7, .	2.3	11
4	Mucus Plugs in Asthma at CT Associated with Regional Ventilation Defects at ³ He MRI. <i>Radiology</i> , 2022, 303, 184-190.	3.6	22
5	Dental Hygiene Students' Perceptions Regarding the Importance of and Confidence with Using Brief Motivational Interviewing during HPV Patient Counseling.. <i>Journal of Dental Hygiene: JDH / American Dental Hygienists' Association</i> , 2022, 96, 50-58.	0.1	0
6	Race, rituximab, and relapse in TTP. <i>Blood</i> , 2022, 140, 1335-1344.	0.6	13
7	Use of expanded-criteria donors and > 85 KDPI kidneys for pediatric kidney transplantation in the United States. <i>American Journal of Transplantation</i> , 2021, 21, 1160-1170.	2.6	5
8	Developmental patterns in the nasopharyngeal microbiome during infancy are associated with asthma risk. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1683-1691.	1.5	61
9	Ensemble Analysis Identifies Nasal 15-Keto-PGE2 as a Predictor of Recovery in Experimental Rhinovirus Colds. <i>Journal of Infectious Diseases</i> , 2021, 224, 839-849.	1.9	1
10	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
11	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
12	Predictors of Survival After Liver Transplantation in Patients With the Highest Acuity (MELD \geq 40). <i>Annals of Surgery</i> , 2020, 272, 458-466.	2.1	11
13	Aerosol Generation from the Respiratory Tract with Various Modes of Oxygen Delivery. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1115-1124.	2.5	122
14	Preliminary evaluation of dental hygiene curriculum: Assessment and management of peri-implant conditions and diseases. <i>Journal of Dental Education</i> , 2020, 84, 642-651.	0.7	1
15	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
16	α 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
17	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
18	Regulation of Osteoclast Differentiation at Multiple Stages by Protein Kinase D Family Kinases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1056.	1.8	6

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19	Safety of repeated hyperpolarized helium 3 magnetic resonance imaging in pediatric asthma patients. <i>Pediatric Radiology</i> , 2020, 50, 646-655.	1.1	4
20	Club Cell TRPV4 Serves as a Damage Sensor Driving Lung Allergic Inflammation. <i>Cell Host and Microbe</i> , 2020, 27, 614-628.e6.	5.1	47
21	FUT2â€œABO 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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	Pulmonary ventilation imaging in asthma and cystic fibrosis using oxygenâ€œenhanced 3D radial ultrashort echo time MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1287-1297.	1.9	45
32	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
33	Regional Heterogeneity of Lobar Ventilation in Asthma Using Hyperpolarized Helium-3 MRI. <i>Academic Radiology</i> , 2018, 25, 169-178.	1.3	29
34	Cadherin-related Family Member 3 Genetics and Rhinovirus C Respiratory Illnesses. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 589-594.	2.5	80
35	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
36	Eosinophil-degranulation products drive a proinflammatory fibroblast phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1360-1363.e3.	1.5	7

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37	Trajectories of childhood immune development and respiratory health relevant to asthma and allergy. <i>ELife</i> , 2018, 7, .	2.8	22
38	Early life rhinovirus wheezing, allergic sensitization, and asthma risk at adolescence. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 501-507.	1.5	195
39	Tensin 1 Is Essential for Myofibroblast Differentiation and Extracellular Matrix Formation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 465-476.	1.4	45
40	Mepolizumab Attenuates Airway Eosinophil Numbers, but Not Their Functional Phenotype, in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1385-1395.	2.5	103
41	Evaluation of a School-Based Asthma Education Protocol. <i>Journal of School Nursing</i> , 2017, 33, 189-197.	0.9	13
42	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
43	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
44	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
45	Variability of blood eosinophil count as an asthma biomarker. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 117, 551-553.	0.5	32
46	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
47	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
48	Severity of virus-induced asthma symptoms is inversely related to resolution IFN- γ expression. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1656-1659.e4.	1.5	4
49	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
50	Detection of pathogenic bacteria during rhinovirus infection is associated with increased respiratory symptoms and asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1301-1307.e3.	1.5	226
51	Effects of rhinovirus species on viral replication and cytokine production. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 332-341.e10.	1.5	98
52	Characterizing asthma from a drop of blood using neutrophil chemotaxis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5813-5818.	3.3	64
53	Improved Molecular Typing Assay for Rhinovirus Species A, B, and C. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2461-2471.	1.8	79
54	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

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55	Maternal microchimerism protects against the development of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 39-44.e4.	1.5	22
56	Pulmonary ³ He magnetic resonance imaging of childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 369-376.e5.	1.5	52
57	Evaluation of the Modified Asthma Predictive Index in High-Risk Preschool Children. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2013, 1, 152-156.	2.0	113
58	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
59	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
60	Budesonide and formoterol effects on rhinovirus replication and epithelial cell cytokine responses. <i>Respiratory Research</i> , 2013, 14, 98.	1.4	40
61	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
62	Safety of and Cellular Response to Segmental Bronchoprovocation in Allergic Asthma. <i>PLoS ONE</i> , 2013, 8, e51963.	1.1	11
63	Evidence for a Causal Relationship between Allergic Sensitization and Rhinovirus Wheezing in Early Life. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 281-285.	2.5	301
64	Increased H1N1 Infection Rate in Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 1275-1279.	2.5	96
65	Human Rhinovirus Species and Season of Infection Determine Illness Severity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 886-891.	2.5	268
66	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
67	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
68	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
69	House dust mite sublingual immunotherapy: Results of a US trial. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 974-981.e7.	1.5	64
70	Clinical utility of the Chronic Urticaria Index. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1626-1627.	1.5	17
71	Safety of investigative bronchoscopy in the Severe Asthma Research Program. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 328-336.e3.	1.5	65
72	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

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73	Decreased lung function after preschool wheezing rhinovirus illnesses in children at risk to develop asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 532-538.e10.	1.5	111
74	Medical Student Outcomes After Family-Centered Bedside Rounds. <i>Academic Pediatrics</i> , 2011, 11, 403-408.	1.0	25
75	GM-CSF Production by Glioblastoma Cells Has a Functional Role in Eosinophil Survival, Activation, and Growth Factor Production for Enhanced Tumor Cell Proliferation. <i>Journal of Immunology</i> , 2011, 187, 1254-1263.	0.4	49
76	Lower Airway Rhinovirus Burden and the Seasonal Risk of Asthma Exacerbation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1007-1014.	2.5	99
77	Care of the Underserved: Faculty Development Needs Assessment. <i>Journal of the National Medical Association</i> , 2010, 102, 713-719.	0.6	1
78	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
79	Evaluation of skiing and snowboarding injuries sustained in terrain parks versus traditional slopes. <i>Injury Prevention</i> , 2010, 16, 119-122.	1.2	66
80	Airway neutrophil inflammatory phenotype in older subjects with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1163-1165.	1.5	58
81	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
82	Weekly monitoring of children with asthma for infections and illness during common cold seasons. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1001-1006.e1.	1.5	170
83	Early childhood weight status in relation to asthma development in high-risk children. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 1157-1162.	1.5	51
84	Similar colds in subjects with allergic asthma and nonatopic subjects after inoculation with rhinovirus-16. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 245-252.e3.	1.5	83
85	Fractional exhaled nitric oxide measurements are most closely associated with allergic sensitization in school-age children. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 949-953.	1.5	66
86	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
87	Evaluation of Structure-Function Relationships in Asthma using Multidetector CT and Hyperpolarized He-3 MRI. <i>Academic Radiology</i> , 2008, 15, 753-762.	1.3	139
88	Wheezing Rhinovirus Illnesses in Early Life Predict Asthma Development in High-Risk Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 667-672.	2.5	1,151
89	A Protocol of Dual Prophylaxis for Venous Thromboembolism Prevention in Gynecologic Cancer Patients. <i>Obstetrics and Gynecology</i> , 2008, 112, 1091-1097.	1.2	50
90	Optimal Catheter Placement During Sonohysterography. <i>Obstetrics and Gynecology</i> , 2008, 111, 15-21.	1.2	31

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91	Optimal Catheter Placement During Sonohysterography: A Randomized Controlled Trial Comparing Cervical to Uterine Placement. <i>Obstetrics and Gynecology</i> , 2008, 112, 378-379.	1.2	0
92	Epidural Analgesia Superior to Patient-controlled Analgesia for Postoperative Pain Relief in Gynecologic Oncology Surgery. <i>Journal of Pelvic Medicine & Surgery</i> , 2007, 13, 191-196.	0.1	0
93	Association between CD4+CD25high T cells and Atopy in children. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 177-183.	1.5	34
94	Bidirectional interactions between viral respiratory illnesses and cytokine responses in the first year of life. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 72-78.	1.5	151
95	Eosinophil $\text{I}\alpha 2$ 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
96	Sex-related differences in immune development and the expression of atopy in early childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 1375-1381.	1.5	101
97	Early Emphysematous Changes in Asymptomatic Smokers: Detection with ^3He MR Imaging. <i>Radiology</i> , 2006, 239, 875-883.	3.6	194
98	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
99	Detecting Progression of Nuclear Sclerosis by Using Human Grading Versus Semiautomated Computer Grading. , 2005, 46, 1155.		14
100	Detection of Age-Dependent Changes in Healthy Adult Lungs With Diffusion-Weighted ^3He MRI. <i>Academic Radiology</i> , 2005, 12, 1385-1393.	1.3	117
101	Rhinovirus illnesses during infancy predict subsequent childhood wheezing. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 571-577.	1.5	672