

David A Hill

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

5,103
citations

186265

28
h-index

197818

49
g-index

51
all docs

51
docs citations

51
times ranked

8303
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid-Associated Macrophages Control Metabolic Homeostasis in a Trem2-Dependent Manner. <i>Cell</i> , 2019, 178, 686-698.e14.	28.9	718
2	Intestinal Bacteria and the Regulation of Immune Cell Homeostasis. <i>Annual Review of Immunology</i> , 2010, 28, 623-667.	21.8	486
3	TSLP promotes interleukin-3-independent basophil haematopoiesis and type 2 inflammation. <i>Nature</i> , 2011, 477, 229-233.	27.8	453
4	Commensal bacteria-derived signals regulate basophil hematopoiesis and allergic inflammation. <i>Nature Medicine</i> , 2012, 18, 538-546.	30.7	408
5	Metagenomic analyses reveal antibiotic-induced temporal and spatial changes in intestinal microbiota with associated alterations in immune cell homeostasis. <i>Mucosal Immunology</i> , 2010, 3, 148-158.	6.0	355
6	Thymic stromal lymphopoietin-elicited basophil responses promote eosinophilic esophagitis. <i>Nature Medicine</i> , 2013, 19, 1005-1013.	30.7	351
7	Distinct macrophage populations direct inflammatory versus physiological changes in adipose tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5096-E5105.	7.1	280
8	The atopic march. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 120, 131-137.	1.0	229
9	The epidemiologic characteristics of healthcare provider-diagnosed eczema, asthma, allergic rhinitis, and food allergy in children: a retrospective cohort study. <i>BMC Pediatrics</i> , 2016, 16, 133.	1.7	161
10	Initial effects of the COVID-19 pandemic on pediatric asthma emergency department utilization. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2774-2776.e1.	3.8	127
11	Community-Wide Response of the Gut Microbiota to Enteropathogenic <i>Citrobacter rodentium</i> Infection Revealed by Deep Sequencing. <i>Infection and Immunity</i> , 2009, 77, 4668-4678.	2.2	121
12	A tool kit for quantifying eukaryotic rRNA gene sequences from human microbiome samples. <i>Genome Biology</i> , 2012, 13, R60.	9.6	121
13	Eosinophilic Esophagitis Is a Late Manifestation of the Allergic March. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1528-1533.	3.8	117
14	Pediatric Asthma Health Care Utilization, Viral Testing, and Air Pollution Changes During the COVID-19 Pandemic. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 3378-3387.e11.	3.8	104
15	Electrophysiological studies of malaria parasite-infected erythrocytes: Current status. <i>International Journal for Parasitology</i> , 2007, 37, 475-482.	3.1	100
16	The Prevalence of Eosinophilic Esophagitis in Pediatric Patients with IgE-Mediated Food Allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 369-375.	3.8	97
17	PPAR β is a nexus controlling alternative activation of macrophages via glutamine metabolism. <i>Genes and Development</i> , 2018, 32, 1035-1044.	5.9	84
18	A blasticidin S-resistant <i>Plasmodium falciparum</i> mutant with a defective plasmodial surface anion channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1063-1068.	7.1	60

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19	Physiological Suppression of Lipotoxic Liver Damage by Complementary Actions of HDAC3 and SREBP. <i>Cell Metabolism</i> , 2016, 24, 863-874.	16.2	59
20	The Immunologic Mechanisms of Eosinophilic Esophagitis. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 9.	5.3	56
21	Allergic Comorbidity in Eosinophilic Esophagitis: Mechanistic Relevance and Clinical Implications. <i>Clinical Reviews in Allergy and Immunology</i> , 2019, 57, 111-127.	6.5	56
22	Heterozygous FOXN1 Variants Cause Low TRECs and Severe T Cell Lymphopenia, Revealing a Crucial Role of FOXN1 in Supporting Early Thymopoiesis. <i>American Journal of Human Genetics</i> , 2019, 105, 549-561.	6.2	52
23	Babesia and plasmodia increase host erythrocyte permeability through distinct mechanisms. <i>Cellular Microbiology</i> , 2007, 9, 851-860.	2.1	45
24	Eosinophilic esophagitis during sublingual and oral allergen immunotherapy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2019, 19, 350-357.	2.3	44
25	Resolution of acute IgE-mediated allergy with development of eosinophilic esophagitis triggered by the same food. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1487-1489.e1.	2.9	43
26	The development of IgE-mediated immediate hypersensitivity after the diagnosis of eosinophilic esophagitis to the same food. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2015, 3, 123-124.	3.8	40
27	Lymph Node Hypertrophy following Leishmania major Infection Is Dependent on TLR9. <i>Journal of Immunology</i> , 2012, 188, 1394-1401.	0.8	36
28	Omalizumab therapy is associated with reduced circulating basophil populations in asthmatic children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 674-677.	5.7	33
29	Elevated Atopic Comorbidity in Patients with Food Protein-Induced Enterocolitis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 1039-1046.	3.8	31
30	One march, many paths: Insights into allergic march trajectories. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 127, 293-300.	1.0	24
31	COVID-19 Pandemic-Related Reductions in Pediatric Asthma Exacerbations Corresponded with an Overall Decrease in Respiratory Viral Infections. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 91-99.e12.	3.8	24
32	Improvement in eosinophilic esophagitis when using dupilumab for other indications or compassionate use. <i>Annals of Allergy, Asthma and Immunology</i> , 2022, 128, 589-593.	1.0	24
33	Is eosinophilic esophagitis a member of the atopic march?. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 120, 113-114.	1.0	23
34	Prevalence of asthma in hospitalized and non-hospitalized children with COVID-19. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 2077-2079.e2.	3.8	22
35	Unsupervised modeling and genome-wide association identify novel features of allergic march trajectories. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 677-685.e10.	2.9	19
36	Conserved IFN Signature between Adult and Pediatric Eosinophilic Esophagitis. <i>Journal of Immunology</i> , 2021, 206, 1361-1371.	0.8	17

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37	Peripheral markers of allergen-specific immune activation predict clinical allergy in eosinophilic esophagitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3470-3478.	5.7	13
38	Malaria parasite mutants with altered erythrocyte permeability: a new drug resistance mechanism and important molecular tool. <i>Future Microbiology</i> , 2010, 5, 81-97.	2.0	12
39	The influence of commensal bacteria-derived signals on basophil-associated allergic inflammation. <i>Gut Microbes</i> , 2013, 4, 76-83.	9.8	12
40	Early-life environmental exposures associate with individual and cumulative allergic morbidity. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1089-1093.	2.6	9
41	Inflammatory adipose activates a nutritional immunity pathway leading to retinal dysfunction. <i>Cell Reports</i> , 2022, 39, 110942.	6.4	9
42	Screening children for eosinophilic esophagitis: allergic and other risk factors. <i>Expert Review of Clinical Immunology</i> , 2019, 15, 315-318.	3.0	6
43	Maintaining Diplomatic Relations Between Mammals and Beneficial Microbial Communities. <i>Science Signaling</i> , 2009, 2, pe77.	3.6	5
44	Medication contaminants as a potential cause of anaphylaxis to vincristine. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26761.	1.5	5
45	A march by any other name. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 121, 137-138.	1.0	4
46	Severe immunodeficiency associated with acute lymphoblastic leukemia and its treatment. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 120, 537-538.e1.	1.0	3
47	Reply to: Medication contaminants as a potential cause of anaphylaxis to vincristine: What about drug specific antigens?. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26868.	1.5	2
48	The importance of using core outcome measures during therapeutic studies of eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 541-542.	2.9	2
49	Epithelial acid imbalance in patients with eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1757-1758.	2.9	1
50	The Intestinal Immune System During Homeostasis and Inflammatory Bowel Disease. , 2017, , 15-30.		0
51	Reflux and Failure to Thrive. , 2019, , 101-105.		0