

Kari Christine Nadeau

List of Publications by Year in descending order

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Version: 2024-02-01

365
papers

25,483
citations

5261

83
h-index

9854

141
g-index

389
all docs

389
docs citations

389
times ranked

26676
citing authors

#	ARTICLE	IF	CITATIONS
1	Personal Omics Profiling Reveals Dynamic Molecular and Medical Phenotypes. <i>Cell</i> , 2012, 148, 1293-1307.	13.5	1,134
2	Immune response to SARS-CoV-2 and mechanisms of immunopathological changes in COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1564-1581.	2.7	828
3	Prevalence and Severity of Food Allergies Among US Adults. <i>JAMA Network Open</i> , 2019, 2, e185630.	2.8	612
4	The Public Health Impact of Parent-Reported Childhood Food Allergies in the United States. <i>Pediatrics</i> , 2018, 142, .	1.0	482
5	The cytokine-adhesion molecule cascade in ischemia/reperfusion injury of the rat kidney. Inhibition by a soluble P-selectin ligand.. <i>Journal of Clinical Investigation</i> , 1997, 99, 2682-2690.	3.9	456
6	Food allergy: immune mechanisms, diagnosis and immunotherapy. <i>Nature Reviews Immunology</i> , 2016, 16, 751-765.	10.6	405
7	Defining the features and duration of antibody responses to SARS-CoV-2 infection associated with disease severity and outcome. <i>Science Immunology</i> , 2020, 5, .	5.6	404
8	Distribution of ACE2, CD147, CD26, and other SARS-CoV-2 associated molecules in tissues and immune cells in health and in asthma, COPD, obesity, hypertension, and COVID-19 risk factors. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2829-2845.	2.7	403
9	Peanut oral immunotherapy results in increased antigen-induced regulatory T-cell function and hypomethylation of forkhead box protein 3 (FOXP3). <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 500-510.e11.	1.5	399
10	<scp>EAACI</scp> Guidelines on allergen immunotherapy: IgE-mediated food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 799-815.	2.7	379
11	EFFECTS OF EXPLOSIVE BRAIN DEATH ON CYTOKINE ACTIVATION OF PERIPHERAL ORGANS IN THE RAT1. <i>Transplantation</i> , 1998, 65, 1533-1542.	0.5	373
12	Measurement and Clinical Monitoring of Human Lymphocyte Clonality by Massively Parallel V-D-J Pyrosequencing. <i>Science Translational Medicine</i> , 2009, 1, 12ra23.	5.8	372
13	Allergen immunotherapy for IgE-mediated food allergy: a systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1133-1147.	2.7	315
14	Rapid oral desensitization in combination with omalizumab therapy in patients with cow's milk allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1622-1624.	1.5	313
15	Systems vaccinology of the BNT162b2 mRNA vaccine in humans. <i>Nature</i> , 2021, 596, 410-416.	13.7	313
16	A randomized, double-blind, placebo-controlled study of omalizumab combined with oral immunotherapy for the treatment of cow's milk allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1103-1110.e11.	1.5	293
17	New-onset IgG autoantibodies in hospitalized patients with COVID-19. <i>Nature Communications</i> , 2021, 12, 5417.	5.8	286
18	Ambient air pollution impairs regulatory T-cell function in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 845-852.e10.	1.5	263

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19	Individual Variation in the Germline Ig Gene Repertoire Inferred from Variable Region Gene Rearrangements. <i>Journal of Immunology</i> , 2010, 184, 6986-6992.	0.4	261
20	Intravenous anti-IL-13 mAb QAX576 for the treatment of eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 500-507.	1.5	253
21	Small-Magnitude Effect Sizes in Epigenetic End Points are Important in Children's Environmental Health Studies: The Children's Environmental Health and Disease Prevention Research Center's Epigenetics Working Group. <i>Environmental Health Perspectives</i> , 2017, 125, 511-526.	2.8	243
22	Immune imprinting, breadth of variant recognition, and germinal center response in human SARS-CoV-2 infection and vaccination. <i>Cell</i> , 2022, 185, 1025-1040.e14.	13.5	243
23	Proinflammatory IgG Fc structures in patients with severe COVID-19. <i>Nature Immunology</i> , 2021, 22, 67-73.	7.0	239
24	Omalizumab facilitates rapid oral desensitization for peanut allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 873-881.e8.	1.5	238
25	Molecular and cellular mechanisms of food allergy and food tolerance. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 984-997.	1.5	227
26	Human B Cell Clonal Expansion and Convergent Antibody Responses to SARS-CoV-2. <i>Cell Host and Microbe</i> , 2020, 28, 516-525.e5.	5.1	219
27	Twin and family studies reveal strong environmental and weaker genetic cues explaining heritability of eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1084-1092.e1.	1.5	218
28	EAACI guideline: Preventing the development of food allergy in infants and young children (2020) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.1	216
29	Sustained outcomes in oral immunotherapy for peanut allergy (POISED study): a large, randomised, double-blind, placebo-controlled, phase 2 study. <i>Lancet</i> , 2019, 394, 1437-1449.	6.3	215
30	Cutting Edge: Decreased Accumulation and Regulatory Function of CD4+CD25high T Cells in Human STAT5b Deficiency. <i>Journal of Immunology</i> , 2006, 177, 2770-2774.	0.4	212
31	The role of the B7 costimulatory pathway in experimental cold ischemia/reperfusion injury. <i>Journal of Clinical Investigation</i> , 1997, 100, 1199-1203.	3.9	209
32	Sequential cytokine dynamics in chronic rejection of rat renal allografts: roles for cytokines RANTES and MCP-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 8729-8733.	3.3	206
33	CELLULAR AND MOLECULAR PREDICTORS OF CHRONIC RENAL DYSFUNCTION AFTER INITIAL ISCHEMIA/REPERFUSION INJURY OF A SINGLE KIDNEY1. <i>Transplantation</i> , 1997, 64, 190-197.	0.5	201
34	Genome-wide association study identifies peanut allergy-specific loci and evidence of epigenetic mediation in US children. <i>Nature Communications</i> , 2015, 6, 6304.	5.8	192
35	Effect of Varying Doses of Epicutaneous Immunotherapy vs Placebo on Reaction to Peanut Protein Exposure Among Patients With Peanut Sensitivity. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1798.	3.8	185
36	Mechanisms of innate and adaptive immunity to the Pfizer-BioNTech BNT162b2 vaccine. <i>Nature Immunology</i> , 2022, 23, 543-555.	7.0	185

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37	Phase 1 results of safety and tolerability in a rush oral immunotherapy protocol to multiple foods using Omalizumab. <i>Allergy, Asthma and Clinical Immunology</i> , 2014, 10, 7.	0.9	184
38	GWAS identifies four novel eosinophilic esophagitis loci. <i>Nature Communications</i> , 2014, 5, 5593.	5.8	181
39	Anti-IgE treatment with oral immunotherapy in multifood allergic participants: a double-blind, randomised, controlled trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2018, 3, 85-94.	3.7	177
40	The promoter of the latency-associated transcripts of herpes simplex virus type 1 contains a functional cAMP-response element: role of the latency-associated transcripts and cAMP in reactivation of viral latency.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 48-52.	3.3	176
41	High-affinity allergen-specific human antibodies cloned from single IgE B cell transcriptomes. <i>Science</i> , 2018, 362, 1306-1309.	6.0	173
42	Environmental factors in epithelial barrier dysfunction. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1517-1528.	1.5	162
43	Broad-spectrum antibodies against self-antigens and cytokines in RAG deficiency. <i>Journal of Clinical Investigation</i> , 2015, 125, 4135-4148.	3.9	159
44	Safety and feasibility of oral immunotherapy to multiple allergens for food allergy. <i>Allergy, Asthma and Clinical Immunology</i> , 2014, 10, 1.	0.9	158
45	The COVID-19 lockdowns: a window into the Earth System. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 470-481.	12.2	153
46	Epigenetic modifications and improved regulatory T-cell function in subjects undergoing dual sublingual immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 215-224.e7.	1.5	145
47	Climate Change, Fossil-Fuel Pollution, and Children's Health. <i>New England Journal of Medicine</i> , 2022, 386, 2303-2314.	13.9	145
48	Precision medicine in allergic disease—food allergy, drug allergy, and anaphylaxis—document of the European Academy of Allergy and Clinical Immunology and the American Academy of Allergy, Asthma and Immunology. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1006-1021.	2.7	143
49	Epicutaneous sensitization in the development of food allergy: What is the evidence and how can this be prevented?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2185-2205.	2.7	143
50	Whole-exome sequencing identifies tetratricopeptide repeat domain 7A (TTC7A) mutations for combined immunodeficiency with intestinal atresias. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 656-664.e17.	1.5	140
51	Multi-omic profiling reveals widespread dysregulation of innate immunity and hematopoiesis in COVID-19. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	139
52	Efficacy and safety of oral immunotherapy in children aged 1–3 years with peanut allergy (the Immune Tj ETQq0 0 0 rgBT /Overlock 1 359-371.	6.3	139
53	Immunology of COVID-19: Mechanisms, clinical outcome, diagnostics, and perspectives—A report of the European Academy of Allergy and Clinical Immunology (EAACI). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2445-2476.	2.7	132
54	Epithelial barrier hypothesis: Effect of the external exposome on the microbiome and epithelial barriers in allergic disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1418-1449.	2.7	132

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55	Biomarkers for diagnosis and prediction of therapy responses in allergic diseases and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 3039-3068.	2.7	127
56	Phase 2a randomized, placebo-controlled study of anti-IL-33 in peanut allergy. <i>JCI Insight</i> , 2019, 4, .	2.3	123
57	Immunologic Effects of Omalizumab in Children with Severe Refractory Atopic Dermatitis: A Randomized, Placebo-Controlled Clinical Trial. <i>International Archives of Allergy and Immunology</i> , 2013, 162, 89-93.	0.9	120
58	In utero arsenic exposure and infant infection in a United States cohort: A prospective study. <i>Environmental Research</i> , 2013, 126, 24-30.	3.7	117
59	NEPHRON MASS MODULATES THE HEMODYNAMIC, CELLULAR, AND MOLECULAR RESPONSE OF THE RAT RENAL ALLOGRAFT1. <i>Transplantation</i> , 1997, 63, 519-528.	0.5	117
60	Changes in antigen-specific T-cell number and function during oral desensitization in cow's milk allergy enabled with omalizumab. <i>Mucosal Immunology</i> , 2012, 5, 267-276.	2.7	115
61	Successful immunotherapy induces previously unidentified allergen-specific CD4+ T-cell subsets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1286-95.	3.3	115
62	CD8 ⁺ T cells specific for conserved coronavirus epitopes correlate with milder disease in patients with COVID-19. <i>Science Immunology</i> , 2021, 6, .	5.6	115
63	Food allergy across the globe. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 1347-1364.	1.5	115
64	Single B-cell deconvolution of peanut-specific antibody responses in allergic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 157-167.	1.5	114
65	KIR ⁺ CD8 ⁺ T cells suppress pathogenic T cells and are active in autoimmune diseases and COVID-19. <i>Science</i> , 2022, 376, eabi9591.	6.0	113
66	Childhood exposure to ambient polycyclic aromatic hydrocarbons is linked to epigenetic modifications and impaired systemic immunity in T cells. <i>Clinical and Experimental Allergy</i> , 2015, 45, 238-248.	1.4	111
67	STAT5b Deficiency: An Unsuspected Cause of Growth Failure, Immunodeficiency, and Severe Pulmonary Disease. <i>Journal of Pediatrics</i> , 2011, 158, 701-708.	0.9	110
68	Modeling Cardiovascular Risks of E-Cigarettes With Human-Induced Pluripotent Stem Cell-Derived Endothelial Cells. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2722-2737.	1.2	108
69	Epigenetic regulation of asthma and allergic disease. <i>Allergy, Asthma and Clinical Immunology</i> , 2014, 10, 27.	0.9	107
70	Exposure to NO ₂ , CO, and PM _{2.5} is linked to regional DNA methylation differences in asthma. <i>Clinical Epigenetics</i> , 2018, 10, 2.	1.8	104
71	Assessment of Allergic and Anaphylactic Reactions to mRNA COVID-19 Vaccines With Confirmatory Testing in a US Regional Health System. <i>JAMA Network Open</i> , 2021, 4, e2125524.	2.8	103
72	PREVENTION OF LATE RENAL CHANGES AFTER INITIAL ISCHEMIA/REPERFUSION INJURY BY BLOCKING EARLY SELECTIN BINDING1. <i>Transplantation</i> , 1997, 64, 1520-1525.	0.5	103

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73	The STAT5b Pathway Defect and Autoimmunity. <i>Frontiers in Immunology</i> , 2012, 3, 234.	2.2	101
74	B cellâ€™intrinsic deficiency of the Wiskott-Aldrich syndrome protein (WASp) causes severe abnormalities of the peripheral B-cell compartment in mice. <i>Blood</i> , 2012, 119, 2819-2828.	0.6	99
75	EAACI statement on the diagnosis, management and prevention of severe allergic reactions to COVIDâ€™19 vaccines. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1629-1639.	2.7	99
76	CD28-B7 blockade in organ dysfunction secondary to cold ischemia/reperfusion injury: Rapid Communication. <i>Kidney International</i> , 1997, 52, 1678-1684.	2.6	98
77	Food Allergy from Infancy Through Adulthood. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 1854-1864.	2.0	97
78	Laundry detergents and detergent residue after rinsing directly disrupt tight junction barrier integrity in human bronchial epithelial cells. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1892-1903.	1.5	96
79	SEQUENTIAL CELLULAR AND MOLECULAR KINETICS IN ACUTELY REJECTING RENAL ALLOGRAFTS IN RATS1. <i>Transplantation</i> , 1997, 63, 1101-1108.	0.5	96
80	A compendium answering 150 questions on COVIDâ€™19 and SARSâ€™CoVâ€™2. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2503-2541.	2.7	95
81	Immunomodulatory Effect of Vancomycin on Treg in Pediatric Inflammatory Bowel Disease and Primary Sclerosing Cholangitis. <i>Journal of Clinical Immunology</i> , 2013, 33, 397-406.	2.0	94
82	Infant Infections and Respiratory Symptoms in Relation to <i>in Utero</i> Arsenic Exposure in a U.S. Cohort. <i>Environmental Health Perspectives</i> , 2016, 124, 840-847.	2.8	94
83	Antibodies elicited by SARS-CoV-2 infection or mRNA vaccines have reduced neutralizing activity against Beta and Omicron pseudoviruses. <i>Science Translational Medicine</i> , 2022, 14, eabn7842.	5.8	92
84	Selective ablation of mast cells or basophils reduces peanut-induced anaphylaxis in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 881-888.e11.	1.5	91
85	Regulatory T cell dysfunction in subjects with common variable immunodeficiency complicated by autoimmune disease. <i>Clinical Immunology</i> , 2009, 131, 240-253.	1.4	88
86	Origins and clonal convergence of gastrointestinal IgE ⁺ B cells in human peanut allergy. <i>Science Immunology</i> , 2020, 5, .	5.6	88
87	Regulatory T cells and their roles in immune dysregulation and allergy. <i>Immunologic Research</i> , 2014, 58, 358-368.	1.3	87
88	Structural basis of omalizumab therapy and omalizumab-mediated IgE exchange. <i>Nature Communications</i> , 2016, 7, 11610.	5.8	86
89	Sustained successful peanut oral immunotherapy associated with low basophil activation and peanut-specific IgE. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 885-896.e6.	1.5	86
90	PRKDC mutations associated with immunodeficiency, granuloma, and autoimmune regulatorâ€™dependent autoimmunity. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1578-1588.e5.	1.5	84

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91	Future Research Directions in Asthma. An NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1366-1372.	2.5	84
92	Long-term Sinonasal Outcomes of Aspirin Desensitization in Aspirin Exacerbated Respiratory Disease. Otolaryngology - Head and Neck Surgery, 2014, 151, 575-581.	1.1	80
93	COVID-19 pandemic: Practical considerations on the organization of an allergy clinic—An EAACI/ARIA Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 648-676.	2.7	79
94	IgH sequences in common variable immune deficiency reveal altered B cell development and selection. Science Translational Medicine, 2015, 7, 302ra135.	5.8	77
95	A Phase 2 Randomized Controlled Multisite Study Using Omalizumab-facilitated Rapid Desensitization to Test Continued vs Discontinued Dosing in Multifood Allergic Individuals. EClinicalMedicine, 2019, 7, 27-38.	3.2	77
96	Asthma Discordance in Twins Is Linked to Epigenetic Modifications of T Cells. PLoS ONE, 2012, 7, e48796.	1.1	76
97	Future research trends in understanding the mechanisms underlying allergic diseases for improved patient care. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2293-2311.	2.7	76
98	In utero arsenic exposure and fetal immune repertoire in a US pregnancy cohort. Clinical Immunology, 2014, 155, 188-197.	1.4	74
99	PREVENTION OF FUNCTIONAL, STRUCTURAL, AND MOLECULAR CHANGES OF CHRONIC REJECTION OF RAT RENAL ALLOGRAFTS BY A SPECIFIC MACROPHAGE INHIBITOR1,2. Transplantation, 1995, 60, 1577-1582.	0.5	73
100	Vaccines and allergic reactions: The past, the current COVID-19 pandemic, and future perspectives. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1640-1660.	2.7	72
101	Assessing basophil activation by using flow cytometry and mass cytometry in blood stored 24 hours before analysis. Journal of Allergy and Clinical Immunology, 2017, 139, 889-899.e11.	1.5	71
102	Early non-neutralizing, afucosylated antibody responses are associated with COVID-19 severity. Science Translational Medicine, 2022, 14, eabm7853.	5.8	71
103	Multiple-allergen oral immunotherapy improves quality of life in caregivers of food-allergic pediatric subjects. Allergy, Asthma and Clinical Immunology, 2014, 10, 25.	0.9	70
104	Secondhand smoke in combination with ambient air pollution exposure is associated with increased CpG methylation and decreased expression of IFN- γ in T effector cells and Foxp3 in T regulatory cells in children. Clinical Epigenetics, 2012, 4, 17.	1.8	69
105	Fecal microbiome and metabolome differ in healthy and food-allergic twins. Journal of Clinical Investigation, 2021, 131, .	3.9	69
106	TSLP directly impairs pulmonary Treg function: association with aberrant tolerogenic immunity in asthmatic airway. Allergy, Asthma and Clinical Immunology, 2010, 6, 4.	0.9	68
107	Multicenter, randomized, double-blind, placebo-controlled clinical trial of vital wheat gluten oral immunotherapy. Journal of Allergy and Clinical Immunology, 2019, 143, 651-661.e9.	1.5	68
108	Identification of STAT5A and STAT5B Target Genes in Human T Cells. PLoS ONE, 2014, 9, e86790.	1.1	67

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109	Direct comparison of antibody responses to four SARS-CoV-2 vaccines in Mongolia. <i>Cell Host and Microbe</i> , 2021, 29, 1738-1743.e4.	5.1	61
110	Oral Immunotherapy and Anti-IgE Antibody-Adjuvanted Treatment for Food Allergy. <i>Immunology and Allergy Clinics of North America</i> , 2012, 32, 111-133.	0.7	60
111	Gut Microbiome and the Development of Food Allergy and Allergic Disease. <i>Pediatric Clinics of North America</i> , 2015, 62, 1479-1492.	0.9	60
112	Association of Clinical Reactivity with Sensitization to Allergen Components in Multifood-Allergic Children. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 1325-1334.e4.	2.0	60
113	Advances and novel developments in mechanisms of allergic inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 3100-3111.	2.7	60
114	Climate change and global health: A call to more research and more action. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1389-1407.	2.7	60
115	Food allergy and omics. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 20-29.	1.5	59
116	Cumulative Lifetime Burden of Cardiovascular Disease From Early Exposure to Air Pollution. <i>Journal of the American Heart Association</i> , 2020, 9, e014944.	1.6	59
117	Pilot randomised trial of a healthy eating behavioural intervention in uncontrolled asthma. <i>European Respiratory Journal</i> , 2016, 47, 122-132.	3.1	58
118	Basophil CD203c Levels Are Increased at Baseline and Can Be Used to Monitor Omalizumab Treatment in Subjects with Nut Allergy. <i>International Archives of Allergy and Immunology</i> , 2011, 154, 318-327.	0.9	57
119	Effectiveness of air purifier on health outcomes and indoor particles in homes of children with allergic diseases in Fresno, California: A pilot study. <i>Journal of Asthma</i> , 2017, 54, 341-346.	0.9	57
120	Development of a tool predicting severity of allergic reaction during peanut challenge. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 121, 69-76.e2.	0.5	57
121	Predicting development of sustained unresponsiveness to milk oral immunotherapy using epitope-specific antibody binding profiles. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1038-1046.	1.5	57
122	ARIA&AACC statement on asthma and COVID&A19 (June 2, 2020). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 689-697.	2.7	57
123	Giant magnetoresistive sensor array for sensitive and specific multiplexed food allergen detection. <i>Biosensors and Bioelectronics</i> , 2016, 80, 359-365.	5.3	56
124	Mechanistic correlates of clinical responses to omalizumab in the setting of oral immunotherapy for milk allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1043-1053.e8.	1.5	55
125	Selective deregulation in chemokine signaling pathways of CD4+CD25hiCD127lo/lo regulatory T cells in human allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 933-939.e10.	1.5	54
126	Ambient polycyclic aromatic hydrocarbons and pulmonary function in children. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 295-302.	1.8	54

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127	Increased Number of Regulatory T Cells in Children With Eosinophilic Esophagitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010, 51, 283-289.	0.9	52
128	The future of biologics: Applications for food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 312-323.	1.5	52
129	Changing Patient Mindsets about Non-life-Threatening Symptoms During Oral Immunotherapy: A Randomized Clinical Trial. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1550-1559.	2.0	52
130	SARS-CoV-2 RNAemia Predicts Clinical Deterioration and Extrapulmonary Complications from COVID-19. <i>Clinical Infectious Diseases</i> , 2022, 74, 218-226.	2.9	51
131	Addressing Climate Change and Its Effects on Human Health: A Call to Action for Medical Schools. <i>Academic Medicine</i> , 2021, 96, 324-328.	0.8	51
132	XCL1 Enhances Regulatory Activities of CD4 ⁺ CD25 ^{high} CD127 ^{low} T Cells in Human Allergic Asthma. <i>Journal of Immunology</i> , 2008, 181, 5386-5395.	0.4	49
133	Baseline Gastrointestinal Eosinophilia Is Common in Oral Immunotherapy Subjects With IgE-Mediated Peanut Allergy. <i>Frontiers in Immunology</i> , 2018, 9, 2624.	2.2	49
134	Asthma phenotypes, associated comorbidities, and long-term symptoms in COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 173-185.	2.7	49
135	Renal allograft protection with losartan in Fisher's Lewis rats: Hemodynamics, macrophages, and cytokines. <i>Kidney International</i> , 2000, 57, 2618-2625.	2.6	48
136	TH1, TH2, and TH17 cells instruct monocytes to differentiate into specialized dendritic cell subsets. <i>Blood</i> , 2011, 118, 3311-3320.	0.6	48
137	The importance of the 2S albumins for allergenicity and cross-reactivity of peanuts, tree nuts, and sesame seeds. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1154-1163.	1.5	48
138	Migration of regulatory T cells toward airway epithelial cells is impaired in chronic rhinosinusitis with nasal polyposis. <i>Clinical Immunology</i> , 2010, 137, 111-121.	1.4	47
139	A Notch3-Marked Subpopulation of Vascular Smooth Muscle Cells Is the Cell of Origin for Occlusive Pulmonary Vascular Lesions. <i>Circulation</i> , 2020, 142, 1545-1561.	1.6	47
140	Shared B cell memory to coronaviruses and other pathogens varies in human age groups and tissues. <i>Science</i> , 2021, 372, 738-741.	6.0	47
141	Air pollution exposure is linked with methylation of immunoregulatory genes, altered immune cell profiles, and increased blood pressure in children. <i>Scientific Reports</i> , 2021, 11, 4067.	1.6	46
142	World Health Organization global air quality guideline recommendations: Executive summary. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1955-1960.	2.7	46
143	Polycyclic aromatic hydrocarbons, tobacco smoke, and epigenetic remodeling in asthma. <i>Immunologic Research</i> , 2014, 58, 369-373.	1.3	45
144	Accurate and reproducible diagnosis of peanut allergy using epitope mapping. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3789-3797.	2.7	45

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145	SEQUENTIAL CYTOKINE EXPRESSION IN RENAL ALLOGRAFTS IN RATS IMMUNOSUPPRESSED WITH MAINTENANCE CYCLOSPORINE OR MYCOPHENOLATE MOFETIL1. <i>Transplantation</i> , 1996, 62, 1363-1366.	0.5	45
146	Mass cytometry reveals cellular fingerprint associated with IgE+â€™peanut tolerance and allergy in early life. <i>Nature Communications</i> , 2020, 11, 1091.	5.8	44
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