

Nora A Barrett

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

4,612
citations

279798

23
h-index

434195

31
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docs citations

33
times ranked

9632
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Receptor ACE2 Is an Interferon-Stimulated Gene in Human Airway Epithelial Cells and Is Detected in Specific Cell Subsets across Tissues. <i>Cell</i> , 2020, 181, 1016-1035.e19.	28.9	1,956
2	Allergic inflammatory memory in human respiratory epithelial progenitor cells. <i>Nature</i> , 2018, 560, 649-654.	27.8	368
3	Expression profiling of constitutive mast cells reveals a unique identity within the immune system. <i>Nature Immunology</i> , 2016, 17, 878-887.	14.5	293
4	Dectin-2 Recognition of House Dust Mite Triggers Cysteinyl Leukotriene Generation by Dendritic Cells. <i>Journal of Immunology</i> , 2009, 182, 1119-1128.	0.8	215
5	Innate Cells and T Helper 2 Cell Immunity in Airway Inflammation. <i>Immunity</i> , 2009, 31, 425-437.	14.3	192
6	Dectin-2 mediates Th2 immunity through the generation of cysteinyl leukotrienes. <i>Journal of Experimental Medicine</i> , 2011, 208, 593-604.	8.5	177
7	Safety, Costs, and Efficacy of Rapid Drug Desensitizations to Chemotherapy and Monoclonal Antibodies. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016, 4, 497-504.	3.8	156
8	Tuft-Cell-Derived Leukotrienes Drive Rapid Anti-helminth Immunity in the Small Intestine but Are Dispensable for Anti-protist Immunity. <i>Immunity</i> , 2020, 52, 528-541.e7.	14.3	135
9	Leukotrienes provide an NFAT-dependent signal that synergizes with IL-33 to activate ILC2s. <i>Journal of Experimental Medicine</i> , 2017, 214, 27-37.	8.5	132
10	The cysteinyl leukotriene 3 receptor regulates expansion of IL-25 ⁺ producing airway brush cells leading to type 2 inflammation. <i>Science Immunology</i> , 2018, 3, .	11.9	125
11	Aspirin-Exacerbated Respiratory Disease Involves a Cysteinyl Leukotriene-Driven IL-33-Mediated Mast Cell Activation Pathway. <i>Journal of Immunology</i> , 2015, 195, 3537-3545.	0.8	103
12	Leukotriene E ₄ elicits respiratory epithelial cell mucin release through the G-protein-coupled receptor, GPR99. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6242-6247.	7.1	99
13	Human airway mast cells proliferate and acquire distinct inflammation-driven phenotypes during type 2 inflammation. <i>Science Immunology</i> , 2021, 6, .	11.9	79
14	Airway brush cells generate cysteinyl leukotrienes through the ATP sensor P2Y2. <i>Science Immunology</i> , 2020, 5, .	11.9	76
15	Alcohol-induced Respiratory Symptoms Are Common in Patients With Aspirin Exacerbated Respiratory Disease. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2014, 2, 208-213.e2.	3.8	71
16	IL-5 ^{hi} marks nasal polyp IgG4- and IgE-expressing cells in aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1574-1584.	2.9	55
17	Type 2 Cysteinyl Leukotriene Receptors Drive IL-33-Dependent Type 2 Immunopathology and Aspirin Sensitivity. <i>Journal of Immunology</i> , 2018, 200, 915-927.	0.8	51
18	Signaling through Fc γ 3-associated receptors on dendritic cells drives IL-33-dependent TH2-type responses. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 706-713.e8.	2.9	49

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19	Tuft cell-produced cysteinyl leukotrienes and IL-25 synergistically initiate lung type 2 inflammation. <i>Science Immunology</i> , 2021, 6, eabj0474.	11.9	48
20	Lineage-specific regulation of inducible and constitutive mast cells in allergic airway inflammation. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	42
21	An adjuvant strategy enabled by modulation of the physical properties of microbial ligands expands antigen immunogenicity. <i>Cell</i> , 2022, 185, 614-629.e21.	28.9	40
22	Single-cell RNA sequencing of mast cells in eosinophilic esophagitis reveals heterogeneity, local proliferation, and activation that persists in remission. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 2062-2077.	2.9	37
23	Cysteinyl Leukotriene 2 Receptor on Dendritic Cells Negatively Regulates Ligand-Dependent Allergic Pulmonary Inflammation. <i>Journal of Immunology</i> , 2012, 189, 4556-4565.	0.8	32
24	Epithelial cell function and remodeling in nasal polyposis. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 124, 333-341.	1.0	24
25	Cysteinyl leukotriene receptor 2 drives lung immunopathology through a platelet and high mobility box 1-dependent mechanism. <i>Mucosal Immunology</i> , 2019, 12, 679-690.	6.0	20
26	Phosphoinositide 3-Kinase $\hat{\imath}$ Regulates Dectin-2 Signaling and the Generation of Th2 and Th17 Immunity. <i>Journal of Immunology</i> , 2016, 197, 278-287.	0.8	12
27	Leukotriene D4 paradoxically limits LTC4-driven platelet activation and lung immunopathology. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 195-208.e5.	2.9	7
28	Isolation and Quantitative Evaluation of Brush Cells from Mouse Tracheas. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	6
29	Revisiting airway epithelial remodeling in type 2 immunity: Beyond goblet cell metaplasia. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1158-1160.	2.9	6
30	Isolation of Nasal Brush Cells for Single-cell Preparations. <i>Bio-protocol</i> , 2021, 11, e4163.	0.4	3
31	Epithelial dysregulation in chronic rhinosinusitis with nasal polyposis (CRSwNP) and aspirin-exacerbated respiratory disease (AERD). <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 1161-1164.	2.9	3
32	Protecting tissue integrity and enteric function: the case for type 2 inflammation and macrophages. <i>Trends in Parasitology</i> , 2022, 38, 191-192.	3.3	0