H F Rosenberg

List of Publications by Year
in descending order

73 papers	4,463 citations	172457 29 h-index	106344 65 g-index
90 all docs	90 docs citations	90 times ranked	5255 citing authors

#	Article	IF	Citations
1	Eosinophils: changing perspectives in health and disease. Nature Reviews Immunology, 2013, 13, 9-22.	22.7	736
2	Eosinophil trafficking in allergy and asthma. Journal of Allergy and Clinical Immunology, 2007, 119, 1303-1310.	2.9	341
3	Eosinophils contribute to innate antiviral immunity and promote clearance of respiratory syncytial virus. Blood, 2007, 110, 1578-1586.	1.4	263
4	Respiratory Syncytical Virusâ€"induced Chemokine Expression in the Lower Airways. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 1918-1924.	5.6	243
5	Functionally Competent Eosinophils Differentiated Ex Vivo in High Purity from Normal Mouse Bone Marrow. Journal of Immunology, 2008, 181, 4004-4009.	0.8	227
6	Eosinophils, eosinophil ribonucleases, and their role in host defense against respiratory virus pathogens. Journal of Leukocyte Biology, 2001, 70, 691-8.	3.3	184
7	Schistosoma mansoni infection in eosinophil lineageâ€"ablated mice. Blood, 2006, 108, 2420-2427.	1.4	183
8	RNase A ribonucleases and host defense: an evolving story. Journal of Leukocyte Biology, 2008, 83, 1079-1087.	3.3	173
9	Evolution of the rodent eosinophil-associated RNase gene family by rapid gene sorting and positive selection. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 4701-4706.	7.1	153
10	Eosinophil-derived neurotoxin (EDN), an antimicrobial protein with chemotactic activities for dendritic cells. Blood, 2003, 102, 3396-3403.	1.4	145
11	The RNase a superfamily: Generation of diversity and innate host defense. Molecular Diversity, 2006, 10, 585-597.	3.9	131
12	Modeling <scp>T_H</scp>2 responses and airway inflammation to understand fundamental mechanisms regulating the pathogenesis of asthma. Immunological Reviews, 2017, 278, 20-40.	6.0	107
13	<i>Lactobacillus</i>-Mediated Priming of the Respiratory Mucosa Protects against Lethal Pneumovirus Infection. Journal of Immunology, 2011, 186, 1151-1161.	0.8	105
14	Activated mouse eosinophils protect against lethal respiratory virus infection. Blood, 2014, 123, 743-752.	1.4	100
15	Respiratory viruses and eosinophils: Exploring the connections. Antiviral Research, 2009, 83, 1-9.	4.1	86
16	Eosinophil-Derived Neurotoxin (EDN/RNase 2) and the Mouse Eosinophil-Associated RNases (mEars): Expanding Roles in Promoting Host Defense. International Journal of Molecular Sciences, 2015, 16, 15442-15455.	4.1	73
17	Pneumonia virus of mice: severe respiratory infection in a natural host. Immunology Letters, 2008, 118, 6-12.	2.5	66
18	SiglecF+Gr1hi eosinophils are a distinct subpopulation within the lungs of allergen-challenged mice. Journal of Leukocyte Biology, 2017, 101, 321-328.	3.3	66

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19	Eosinophil-Derived Neurotoxin / RNase 2: Connecting the Past, the Present and the Future. Current Pharmaceutical Biotechnology, 2008, 9, 135-140.	1.6	66
20	The Cellular Functions of Eosinophils: Collegium Internationale Allergologicum (CIA) Update 2020. International Archives of Allergy and Immunology, 2020, 181, 11-23.	2.1	65
21	The pneumonia virus of mice infection model for severe respiratory syncytial virus infection: identifying novel targets for therapeutic intervention. , 2005, 105, 1-6.		59
22	Inflammatory Responses to Respiratory Syncytial Virus (RSV) Infection and the Development of Immunomodulatory Pharmacotherapeutics. Current Medicinal Chemistry, 2012, 19, 1424-1431.	2.4	55
23	Lactobacillus priming of the respiratory tract: Heterologous immunity and protection against lethal pneumovirus infection. Antiviral Research, 2013, 97, 270-279.	4.1	51
24	Respiratory viral infection, epithelial cytokines, and innate lymphoid cells in asthma exacerbations. Journal of Leukocyte Biology, 2014, 96, 391-396.	3.3	50
25	Eosinophils and their interactions with respiratory virus pathogens. Immunologic Research, 2009, 43, 128-137.	2.9	44
26	Antigen profiles for the quantitative assessment of eosinophils in mouse tissues by flow cytometry. Journal of Immunological Methods, 2011, 369, 91-97.	1.4	44
27	Gene microarray analysis reveals interleukin-5â€"dependent transcriptional targets in mouse bone marrow. Blood, 2004, 103, 868-877.	1.4	41
28	Eosinophils, probiotics, and the microbiome. Journal of Leukocyte Biology, 2016, 100, 881-888.	3.3	38
29	Eosinophils inhibit retroviral transduction of human target cells by a ribonuclease-dependent mechanism. Journal of Leukocyte Biology, 1997, 62, 363-368.	3.3	37
30	Eosinophils and COVID-19: diagnosis, prognosis, and vaccination strategies. Seminars in Immunopathology, 2021, 43, 383-392.	6.1	36
31	Critical Adverse Impact of IL-6 in Acute Pneumovirus Infection. Journal of Immunology, 2019, 202, 871-882.	0.8	33
32	Immunobiotic Lactobacillus administered post-exposure averts the lethal sequelae of respiratory virus infection. Antiviral Research, 2015, 121, 109-119.	4.1	32
33	Targeting Eosinophils in Asthma. Current Molecular Medicine, 2008, 8, 585-590.	1.3	30
34	Plasminogen activator inhibitor-2 (PAI-2) in eosinophilic leukocytes. Journal of Leukocyte Biology, 2004, 76, 812-819.	3.3	28
35	Signaling via pattern recognition receptors NOD2 and TLR2 contributes to immunomodulatory control of lethal pneumovirus infection. Antiviral Research, 2016, 132, 131-140.	4.1	25
36	Mucosal inoculation with an attenuated mouse pneumovirus strain protects against virulent challenge in wild type and interferon-gamma receptor deficient mice. Vaccine, 2007, 25, 1085-1095.	3.8	21

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37	Modeling asthma: Pitfalls, promises, and the road ahead. Journal of Leukocyte Biology, 2018, 104, 41-48.	3.3	21
38	Eosinophils and Respiratory Virus Infection: A Dual-Standard Curve qRT-PCR-Based Method for Determining Virus Recovery from Mouse Lung Tissue. Methods in Molecular Biology, 2014, 1178, 257-266.	0.9	21
39	Canine pneumovirus replicates in mouse lung tissue and elicits inflammatory pathology. Virology, 2011, 416, 26-31.	2.4	19
40	Priming of the Respiratory Tract with Immunobiotic <i>Lactobacillus plantarum</i> Limits Infection of Alveolar Macrophages with Recombinant Pneumonia Virus of Mice (rK2-PVM). Journal of Virology, 2016, 90, 979-991.	3.4	18
41	Diminished expression of an antiviral ribonuclease in response to pneumovirus infection in vivo. Antiviral Research, 2003, 59, 181-191.	4.1	16
42	B Cells Are Not Essential for <i>Lactobacillus</i>-Mediated Protection against Lethal Pneumovirus Infection. Journal of Immunology, 2014, 192, 5265-5272.	0.8	15
43	Eosinophils Do Not Drive Acute Muscle Pathology in the mdx Mouse Model of Duchenne Muscular Dystrophy. Journal of Immunology, 2019, 203, 476-484.	0.8	14
44	Eosinophil-associated Ribonuclease 11 Is a Macrophage Chemoattractant. Journal of Biological Chemistry, 2015, 290, 8863-8875.	3.4	13
45	Eosinophil persistence in vivo and sustained viability ex vivo in response to respiratory challenge with fungal allergens. Clinical and Experimental Allergy, 2018, 48, 29-38.	2.9	13
46	Impact of eosinophil-peroxidase (EPX) deficiency on eosinophil structure and function in mouse airways. Journal of Leukocyte Biology, 2018, 105, 151-161.	3.3	13
47	Frontline Science: Cytokine-mediated developmental phenotype of mouse eosinophils: IL-5-associated expression of the Ly6G/Gr1 surface Ag. Journal of Leukocyte Biology, 2020, 107, 367-377.	3.3	13
48	Isolation of human eosinophils: microbead method has no impact on IL-5 sustained viability. Experimental Dermatology, 2010, 19, 467-469.	2.9	12
49	Immortalized MH-S cells lack defining features of primary alveolar macrophages and do not support mouse pneumovirus replication. Immunology Letters, 2016, 172, 106-112.	2.5	12
50	Respiratory Epithelial Cells Respond to Lactobacillus plantarum but Provide No Cross-Protection against Virus-Induced Inflammation. Viruses, 2021, 13, 2.	3.3	12
51	Characterization of the divergent eosinophil ribonuclease, mEar 6, and its expression in response to Schistosoma mansoni infection in vivo. Genes and Immunity, 2004, 5, 668-674.	4.1	11
52	<i>Alternaria alternata</i> challenge at the nasal mucosa results in eosinophilic inflammation and increased susceptibility to influenza virus infection. Clinical and Experimental Allergy, 2018, 48, 691-702.	2.9	11
53	FACS isolation of live mouse eosinophils at high purity via a protocol that does not target Siglec F. Journal of Immunological Methods, 2018, 454, 27-31.	1.4	9
54	Cytokine Diversity in Human Peripheral Blood Eosinophils: Profound Variability of IL-16. Journal of Immunology, 2019, 203, 520-531.	0.8	8

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55	Chemotaxis of bone marrow derived eosinophils in vivo: A novel method to explore receptorâ€dependent trafficking in the mouse. European Journal of Immunology, 2013, 43, 2217-2228.	2.9	6
56	Eosinophils, galectins, and a reason to breathe. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9139-9141.	7.1	6
57	RNase 1 genes from the family Sciuridae define a novel rodent ribonuclease cluster. Mammalian Genome, 2009, 20, 749-757.	2.2	5
58	Administration of immunobiotic Lactobacillus plantarum delays but does not prevent lethal pneumovirus infection in Rag1 â^'/â^' mice. Journal of Leukocyte Biology, 2017, 102, 905-913.	3.3	5
59	Impact of controlled high-sucrose and high-fat diets on eosinophil recruitment and cytokine content in allergen-challenged mice. PLoS ONE, 2021, 16, e0255997.	2.5	5
60	Generation of Mouse Eosinophils in Tissue Culture from Unselected Bone Marrow Progenitors. Methods in Molecular Biology, 2021, 2241, 37-47.	0.9	4
61	A flow-cytometric method to evaluate eosinophil-mediated uptake of probiotic Lactobacillus reuteri. Journal of Microbiological Methods, 2017, 137, 19-24.	1.6	3
62	Silkworm larvae plasma (SLP) assay for detection of bacteria: False positives secondary to inflammation in vivo. Journal of Microbiological Methods, 2017, 132, 9-13.	1.6	3
63	Assays for Detection of RNase A Superfamily Ribonucleases. , 2001, 160, 355-362.		2
64	Interview with Dr. Nancy A. Lee and Dr. James J. Lee regarding Pivotal Advance: Eosinophil infiltration of solid tumors is an early and persistent inflammatory host response. Journal of Leukocyte Biology, 2006, 79, 1129-1130.	3.3	2
65	The immunobiology of eosinophilsâ€"itâ€™s a whole new world out there: an interview with Dr. Peter F. Weller. Journal of Leukocyte Biology, 2008, 83, 822-823.	3.3	2
66	Editorial: Mouse eosinophils expressing Cre recombinase: endless â€œfloxâ€ibilities. Journal of Leukocyte Biology, 2013, 94, 3-4.	3.3	2
67	Differential expression of Triggering Receptor Expressed on Myeloid cells 2 (<i>Trem2</i>) in tissue eosinophils. Journal of Leukocyte Biology, 2021, 110, 679-691.	3.3	2
68	Detection of Mouse Eosinophils in Tissue by Flow Cytometry and Isolation by Fluorescence-Activated Cell Sorting (FACS). Methods in Molecular Biology, 2021, 2241, 49-58.	0.9	2
69	Alternaria alternata Accelerates Loss of Alveolar Macrophages and Promotes Lethal Influenza A Infection. Viruses, 2020, 12, 946.	3.3	1
70	Interview with Dr. Francisco SÃ¡nchez-Madrid regarding Pivotal Advance: CD69 targeting differentially affects the course of collagen-induced arthritis. Journal of Leukocyte Biology, 2006, 80, 1231-1232.	3.3	0
71	Toll-like receptors, endogenous ligands, and constitutive control (or, why Iâ€™m still standing at the) Tj ETQq1 1 0.784314 rgBT /Overl	3.3	0
72	The many faces of IgE: an interview with Dr. Toshiaki Kawakami. Journal of Leukocyte Biology, 2008, 84, 368-370.	3.3	0

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73	In Memory and Celebration: Dr. James J. Lee. Clinical and Experimental Allergy, 2017, 47, 980-981.	2.9	0