

Kaori Mukai

List of Publications by Year in descending order

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34
papers

4,020
citations

236925

25
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

4628
citing authors

#	ARTICLE	IF	CITATIONS
1	Mast cells as sources of cytokines, chemokines, and growth factors. <i>Immunological Reviews</i> , 2018, 282, 121-150.	6.0	492
2	Basophils Play a Pivotal Role in Immunoglobulin-G-Mediated but Not Immunoglobulin-E-Mediated Systemic Anaphylaxis. <i>Immunity</i> , 2008, 28, 581-589.	14.3	329
3	Basophils Play a Critical Role in the Development of IgE-Mediated Chronic Allergic Inflammation Independently of T Cells and Mast Cells. <i>Immunity</i> , 2005, 23, 191-202.	14.3	291
4	Selective ablation of basophils in mice reveals their nonredundant role in acquired immunity against ticks. <i>Journal of Clinical Investigation</i> , 2010, 120, 2867-2875.	8.2	272
5	Basophils are essential initiators of a novel type of chronic allergic inflammation. <i>Blood</i> , 2007, 110, 913-920.	1.4	255
6	Inflammatory Monocytes Recruited to Allergic Skin Acquire an Anti-inflammatory M2 Phenotype via Basophil-Derived Interleukin-4. <i>Immunity</i> , 2013, 38, 570-580.	14.3	215
7	Sustained outcomes in oral immunotherapy for peanut allergy (POISED study): a large, randomised, double-blind, placebo-controlled, phase 2 study. <i>Lancet, The</i> , 2019, 394, 1437-1449.	13.7	215
8	Nonredundant Roles of Basophils in Immunity. <i>Annual Review of Immunology</i> , 2011, 29, 45-69.	21.8	212
9	Reduced mast cell and basophil numbers and function in Cpa3-Cre; Mcl-1fl/fl mice. <i>Blood</i> , 2011, 118, 6930-6938.	1.4	170
10	IgE and mast cells in host defense against parasites and venoms. <i>Seminars in Immunopathology</i> , 2016, 38, 581-603.	6.1	151
11	Role of Mast Cells and Basophils in IgE Responses and in Allergic Airway Hyperresponsiveness. <i>Journal of Immunology</i> , 2012, 188, 1809-1818.	0.8	145
12	Newly discovered roles for basophils: a neglected minority gains new respect. <i>Nature Reviews Immunology</i> , 2009, 9, 9-13.	22.7	129
13	NK Cell-Depleting Anti-Asialo GM1 Antibody Exhibits a Lethal Off-Target Effect on Basophils In Vivo. <i>Journal of Immunology</i> , 2011, 186, 5766-5771.	0.8	119
14	Identification of an IFN- γ /mast cell axis in a mouse model of chronic asthma. <i>Journal of Clinical Investigation</i> , 2011, 121, 3133-3143.	8.2	113
15	Mast Cells and Basophils Are Selectively Activated In Vitro and In Vivo through CD200R3 in an IgE-Independent Manner. <i>Journal of Immunology</i> , 2007, 179, 7093-7100.	0.8	101
16	Basophils preferentially express mouse mast cell protease 11 among the mast cell tryptase family in contrast to mast cells. <i>Journal of Leukocyte Biology</i> , 2009, 86, 1417-1425.	3.3	101
17	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.	2.9	91
18	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.	2.9	86

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19	Assessing basophil activation by using flow cytometry and mass cytometry in blood stored 24 hours before analysis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 889-899.e11.	2.9	71
20	Critical role of P1-Runx1 in mouse basophil development. <i>Blood</i> , 2012, 120, 76-85.	1.4	69
21	Differences in the Importance of Mast Cells, Basophils, IgE, and IgG versus That of CD4 ⁺ T Cells and ILC2 Cells in Primary and Secondary Immunity to <i>Strongyloides venezuelensis</i> . <i>Infection and Immunity</i> , 2017, 85, .	2.2	62
22	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.	1.0	57
23	Basophil-derived tumor necrosis factor can enhance survival in a sepsis model in mice. <i>Nature Immunology</i> , 2019, 20, 129-140.	14.5	56
24	New Insights into the Roles for Basophils in Acute and Chronic Allergy. <i>Allergology International</i> , 2009, 58, 11-19.	3.3	44
25	Basophil activation test shows high accuracy in the diagnosis of peanut and tree nut allergy: The Markers of Nut Allergy Study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1800-1812.	5.7	37
26	Thirdhand smoke component can exacerbate a mouse asthma model through mast cells. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1618-1627.e9.	2.9	24
27	Role for Basophils in Systemic Anaphylaxis. <i>Chemical Immunology and Allergy</i> , 2010, 95, 85-97.	1.7	20
28	A new fluorescent-avidin-based method for quantifying basophil activation in whole blood. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1202-1206.e3.	2.9	19
29	Mass Cytometry Phenotyping of Human Granulocytes Reveals Novel Basophil Functional Heterogeneity. <i>iScience</i> , 2020, 23, 101724.	4.1	19
30	Oral Immunotherapy and Basophil and Mast Cell Reactivity in Food Allergy. <i>Frontiers in Immunology</i> , 2020, 11, 602660.	4.8	17
31	Th2-inducing cytokines IL-4 and IL-33 synergistically elicit the expression of transmembrane TNF- α on macrophages through the autocrine action of IL-6. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 114-118.	2.1	15
32	Isotype-specific agglutination-PCR (ISAP): A sensitive and multiplex method for measuring allergen-specific IgE. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1901-1904.e15.	2.9	13
33	The role of Sp140 revealed in IgE and mast cell responses in Collaborative Cross mice. <i>JCI Insight</i> , 2021, 6, .	5.0	8
34	An optimized protocol for phenotyping human granulocytes by mass cytometry. <i>STAR Protocols</i> , 2022, 3, 101280.	1.2	2