

Meredith O'Keefe

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

8,559
citations

66343

42
h-index

64796

79
g-index

85
all docs

85
docs citations

85
times ranked

9400
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of plasmacytoid and conventional dendritic cell subtypes from single precursor cells derived in vitro and in vivo. <i>Nature Immunology</i> , 2007, 8, 1217-1226.	14.5	713
2	Quantitative Proteomics Reveals Subset-Specific Viral Recognition in Dendritic Cells. <i>Immunity</i> , 2010, 32, 279-289.	14.3	544
3	Intrasplenic steady-state dendritic cell precursors that are distinct from monocytes. <i>Nature Immunology</i> , 2006, 7, 663-671.	14.5	531
4	Cutting Edge: Generation of Splenic CD8 ⁺ and CD8 ^α ⁺ Dendritic Cell Equivalents in Fms-Like Tyrosine Kinase 3 Ligand Bone Marrow Cultures. <i>Journal of Immunology</i> , 2005, 174, 6592-6597.	0.8	491
5	Differential Production of IL-12, IFN- γ , and IFN- β by Mouse Dendritic Cell Subsets. <i>Journal of Immunology</i> , 2001, 166, 5448-5455.	0.8	444
6	Herpes simplex virus type-1 induces IFN- γ production via Toll-like receptor 9-dependent and -independent pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11416-11421.	7.1	403
7	The Development, Maturation, and Turnover Rate of Mouse Spleen Dendritic Cell Populations. <i>Journal of Immunology</i> , 2000, 165, 6762-6770.	0.8	368
8	Mouse Plasmacytoid Cells. <i>Journal of Experimental Medicine</i> , 2002, 196, 1307-1319.	8.5	347
9	Interleukin (IL)-4 Is a Major Regulatory Cytokine Governing Bioactive IL-12 Production by Mouse and Human Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2000, 192, 823-834.	8.5	336
10	Mouse CD8 α ⁺ DCs and human BDCA3 ⁺ DCs are major producers of IFN- β in response to poly IC. <i>Journal of Experimental Medicine</i> , 2010, 207, 2703-2717.	8.5	249
11	Differential MHC class II synthesis and ubiquitination confers distinct antigen-presenting properties on conventional and plasmacytoid dendritic cells. <i>Nature Immunology</i> , 2008, 9, 1244-1252.	14.5	202
12	The Lymphoid Past of Mouse Plasmacytoid Cells and Thymic Dendritic Cells. <i>Journal of Immunology</i> , 2003, 170, 4926-4932.	0.8	181
13	Dendritic cell subsets. <i>Seminars in Cell and Developmental Biology</i> , 2018, 84, 11-21.	5.0	167
14	C-Rel Regulates Interleukin 12 P70 Expression in Cd8 ⁺ Dendritic Cells by Specifically Inducing <i>p35</i> Gene Transcription. <i>Journal of Experimental Medicine</i> , 2001, 194, 1021-1032.	8.5	162
15	CpG-DNA aided cross-presentation of soluble antigens by dendritic cells. <i>European Journal of Immunology</i> , 2002, 32, 2356.	2.9	158
16	DEC-205 is a cell surface receptor for CpG oligonucleotides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16270-16275.	7.1	155
17	Human dendritic cell subsets and function in health and disease. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4309-4325.	5.4	153
18	Development of thymic and splenic dendritic cell populations from different hemopoietic precursors. <i>Blood</i> , 2001, 98, 3376-3382.	1.4	152

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19	Dendritic cell precursor populations of mouse blood: identification of the murine homologues of human blood plasmacytoid pre-DC2 and CD11c+ DC1 precursors. <i>Blood</i> , 2003, 101, 1453-1459.	1.4	152
20	Effects of administration of progenipoietin 1, Flt-3 ligand, granulocyte colony-stimulating factor, and pegylated granulocyte-macrophage colony-stimulating factor on dendritic cell subsets in mice. <i>Blood</i> , 2002, 99, 2122-2130.	1.4	131
21	Production of interferons by dendritic cells, plasmacytoid cells, natural killer cells, and interferon-producing killer dendritic cells. <i>Blood</i> , 2007, 109, 1165-1173.	1.4	131
22	Development of the Dendritic Cell System during Mouse Ontogeny. <i>Journal of Immunology</i> , 2004, 172, 1018-1027.	0.8	126
23	Survival of lethal poxvirus infection in mice depends on TLR9, and therapeutic vaccination provides protection. <i>Journal of Clinical Investigation</i> , 2008, 118, 1776-1784.	8.2	122
24	SIDT2 Transports Extracellular dsRNA into the Cytoplasm for Innate Immune Recognition. <i>Immunity</i> , 2017, 47, 498-509.e6.	14.3	109
25	Putative IKDCs are functionally and developmentally similar to natural killer cells, but not to dendritic cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 2579-2590.	8.5	108
26	Human and mouse plasmacytoid dendritic cells. <i>Human Immunology</i> , 2002, 63, 1103-1110.	2.4	102
27	M-CSF: a novel plasmacytoid and conventional dendritic cell poietin. <i>Blood</i> , 2008, 111, 150-159.	1.4	101
28	Adenovirus efficiently transduces plasmacytoid dendritic cells resulting in TLR9-dependent maturation and IFN- α production. <i>Journal of Gene Medicine</i> , 2006, 8, 1300-1306.	2.8	99
29	Signal Regulatory Protein Molecules Are Differentially Expressed by CD8 α^+ Dendritic Cells. <i>Journal of Immunology</i> , 2006, 177, 372-382.	0.8	97
30	Protective CD8 T Cell Immunity Triggered by CpG-Protein Conjugates Competes with the Efficacy of Live Vaccines. <i>Journal of Immunology</i> , 2005, 174, 4373-4380.	0.8	93
31	PLD3 and PLD4 are single-stranded acid exonucleases that regulate endosomal nucleic-acid sensing. <i>Nature Immunology</i> , 2018, 19, 942-953.	14.5	88
32	FLT3-Ligand Treatment of Humanized Mice Results in the Generation of Large Numbers of CD141+ and CD1c+ Dendritic Cells In Vivo. <i>Journal of Immunology</i> , 2014, 192, 1982-1989.	0.8	84
33	Distinct roles for the NF- κ B1 and c-Rel transcription factors in the differentiation and survival of plasmacytoid and conventional dendritic cells activated by TLR-9 signals. <i>Blood</i> , 2005, 106, 3457-3464.	1.4	76
34	Differential production of inflammatory chemokines by murine dendritic cell subsets. <i>Immunobiology</i> , 2004, 209, 163-172.	1.9	69
35	Flt3 Ligand-treated Neonatal Mice Have Increased Innate Immunity Against Intracellular Pathogens and Efficiently Control Virus Infections. <i>Journal of Experimental Medicine</i> , 2003, 197, 575-584.	8.5	63
36	CD8+, CD8 α^+ , and Plasmacytoid Dendritic Cell Generation In Vitro Using flt3 Ligand. <i>Methods in Molecular Biology</i> , 2010, 595, 167-176.	0.9	62

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37	T Cell Help Amplifies Innate Signals in CD8 + DCs for Optimal CD8 + T Cell Priming. <i>Cell Reports</i> , 2016, 14, 586-597.	6.4	62
38	CD8 ⁺ mouse spleen dendritic cells do not originate from the CD8 ⁻ dendritic cell subset. <i>Blood</i> , 2003, 102, 601-604.	1.4	56
39	Dendritic Cell Populations in <i>Leishmania major</i> -Infected Skin and Draining Lymph Nodes. <i>Infection and Immunity</i> , 2004, 72, 1991-2001.	2.2	55
40	Fms-like tyrosine kinase 3 ligand administration overcomes a genetically determined dendritic cell deficiency in NOD mice and protects against diabetes development. <i>International Immunology</i> , 2005, 17, 307-314.	4.0	53
41	Molecular Cloning of F4/80-Like-Receptor, a Seven-Span Membrane Protein Expressed Differentially by Dendritic Cell and Monocyte-Macrophage Subpopulations. <i>Journal of Immunology</i> , 2001, 167, 3570-3576.	0.8	51
42	Plasmacytoid Dendritic Cell Development. <i>Advances in Immunology</i> , 2013, 120, 105-126.	2.2	43
43	Molecular cloning of a C-type lectin superfamily protein differentially expressed by CD8 ⁺ splenic dendritic cells. <i>Molecular Immunology</i> , 2001, 38, 365-373.	2.2	42
44	Factors determining the spontaneous activation of splenic dendritic cells in culture. <i>Innate Immunity</i> , 2011, 17, 338-352.	2.4	42
45	Plasmacytoid dendritic cells are short-lived: reappraising the influence of migration, genetic factors and activation on estimation of lifespan. <i>Scientific Reports</i> , 2016, 6, 25060.	3.3	40
46	Dendritic Cell Subsets and Toll-Like Receptors. <i>Handbook of Experimental Pharmacology</i> , 2008, , 153-179.	1.8	37
47	Activation of plasmacytoid dendritic cells. <i>Immunology and Cell Biology</i> , 2005, 83, 571-577.	2.3	35
48	A novel multi-gene family of sheep gamma delta T cells. <i>Immunology</i> , 1994, 83, 517-23.	4.4	33
49	The Bacterial Peptidoglycan-Sensing Molecules NOD1 and NOD2 Promote CD8+Thymocyte Selection. <i>Journal of Immunology</i> , 2017, 198, 2649-2660.	0.8	31
50	Contrasting Inducible Knockdown of the Auxiliary PTEX Component PTEX88 in <i>P. falciparum</i> and <i>P. berghei</i> Unmasks a Role in Parasite Virulence. <i>PLoS ONE</i> , 2016, 11, e0149296.	2.5	31
51	Treatment of neonatal mice with Flt3 ligand leads to changes in dendritic cell subpopulations associated with enhanced IL-12 and IFN- γ production. <i>European Journal of Immunology</i> , 2004, 34, 1849-1860.	2.9	29
52	Rapid interferon independent expression of IFITM3 following T cell activation protects cells from influenza virus infection. <i>PLoS ONE</i> , 2019, 14, e0210132.	2.5	28
53	Inosine-Mediated Modulation of RNA Sensing by Toll-Like Receptor 7 (TLR7) and TLR8. <i>Journal of Virology</i> , 2014, 88, 799-810.	3.4	27
54	Dendritic Cell Responses and Function in Malaria. <i>Frontiers in Immunology</i> , 2019, 10, 357.	4.8	27

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55	Clonal multi-omics reveals Bcor as a negative regulator of emergency dendritic cell development. <i>Immunity</i> , 2021, 54, 1338-1351.e9.	14.3	25
56	Effect of Granulocyte-Macrophage Colony-Stimulating Factor on the Generation of Epidermal Langerhans Cells. <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 1071-1076.	1.2	22
57	A central role for hepatic conventional dendritic cells in supporting Th2 responses during helminth infection. <i>Immunology and Cell Biology</i> , 2016, 94, 400-410.	2.3	22
58	The NF- κ B1 transcription factor prevents the intrathymic development of CD8 T cells with memory properties. <i>EMBO Journal</i> , 2012, 31, 692-706.	7.8	21
59	Lymph node homing cells biologically enriched for β 1 T cells express multiple genes from the T19 repertoire. <i>International Immunology</i> , 1994, 6, 1687-1697.	4.0	20
60	Maintaining dendritic cell viability in culture. <i>Molecular Immunology</i> , 2015, 63, 264-267.	2.2	18
61	RNF41 regulates the damage recognition receptor Clec9A and antigen cross-presentation in mouse dendritic cells. <i>ELife</i> , 2020, 9, .	6.0	16
62	Sheep CD4 + β 2 T cells express novel members of the T19 multigene family. <i>Immunogenetics</i> , 1999, 49, 45-55.	2.4	15
63	Nonplasmacytoid, High IFN- α Producing, Bone Marrow Dendritic Cells. <i>Journal of Immunology</i> , 2012, 188, 3774-3783.	0.8	13
64	Migration of murine intestinal dendritic cell subsets upon intrinsic and extrinsic TLR3 stimulation. <i>European Journal of Immunology</i> , 2020, 50, 1525-1536.	2.9	10
65	Discordance in STING-Induced Activation and Cell Death Between Mouse and Human Dendritic Cell Populations. <i>Frontiers in Immunology</i> , 2022, 13, 794776.	4.8	10
66	The long-term but not the short-term antiviral effect of IFN- α depends on Flt3 ligand and pDC. <i>European Journal of Immunology</i> , 2006, 36, 1231-1240.	2.9	9
67	Different Life Cycle Stages of <i>Plasmodium falciparum</i> Induce Contrasting Responses in Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 32.	4.8	9
68	In pursuit of biomarkers for predicting susceptibility to activity-based anorexia in adolescent female rats. <i>International Journal of Eating Disorders</i> , 2022, 55, 664-677.	4.0	9
69	Monitoring Dendritic Cell Activation and Maturation. <i>Methods in Molecular Biology</i> , 2019, 1988, 403-418.	0.9	8
70	Monitoring Dendritic Cell Activation and Maturation. <i>Methods in Molecular Biology</i> , 2013, 960, 359-370.	0.9	7
71	The Generation of Plasmacytoid and Conventional Dendritic Cells with M-CSF. <i>Methods in Molecular Biology</i> , 2010, 595, 187-193.	0.9	7
72	CD117+ Dendritic and Mast Cells Are Dependent on RasGRP4 to Function as Accessory Cells for Optimal Natural Killer Cell-Mediated Responses to Lipopolysaccharide. <i>PLoS ONE</i> , 2016, 11, e0151638.	2.5	6

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73	Daptomycin-resistant <i>Staphylococcus aureus</i> clinical isolates are poorly sensed by dendritic cells. <i>Immunology and Cell Biology</i> , 2020, 98, 42-53.	2.3	5
74	CD14 is not involved in the uptake of synthetic CpG oligonucleotides. <i>Molecular Immunology</i> , 2017, 81, 52-58.	2.2	4
75	Conventional dendritic cells may be ideal targets for vaccine strategies in the aged. <i>Immunology and Cell Biology</i> , 2012, 90, 665-666.	2.3	3
76	Elucidating the Motif for CpG Oligonucleotide Binding to the Dendritic Cell Receptor DEC-205 Leads to Improved Adjuvants for Liver-Resident Memory. <i>Journal of Immunology</i> , 2021, 207, 1836-1847.	0.8	3
77	The Influence of Antibiotic Resistance on Innate Immune Responses to <i>Staphylococcus aureus</i> Infection. <i>Antibiotics</i> , 2022, 11, 542.	3.7	3
78	Plasmacytoid dendritic cells from parent strains of the NZB/W F1 lupus mouse contribute different characteristics to autoimmune propensity. <i>Immunology and Cell Biology</i> , 2020, 98, 203-214.	2.3	1
79	Dendritic Cells in Autoimmune Disease. , 2014, , 175-186.		0
80	Dendritic Cells and Their Roles in Anti-Tumour Immunity. , 2020, , .		0
81	Dendritic Cell Subsets and Immune Regulation. , 2012, , 89-119.		0