

Gerard Eberl

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

15,238
citations

42
h-index

75
g-index

75
ext. papers

18,136
ext. citations

20.8
avg, IF

6.52
L-index

#	Paper	IF	Citations
65	Innate lymphoid cells--a proposal for uniform nomenclature. <i>Nature Reviews Immunology</i> , 2013 , 13, 145-96.5	36.5	1655
64	Animals in a bacterial world, a new imperative for the life sciences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 3229-36	11.5	1488
63	The key role of segmented filamentous bacteria in the coordinated maturation of gut helper T cell responses. <i>Immunity</i> , 2009 , 31, 677-89	32.3	1054
62	Microbial flora drives interleukin 22 production in intestinal NKp46+ cells that provide innate mucosal immune defense. <i>Immunity</i> , 2008 , 29, 958-70	32.3	848
61	Innate Lymphoid Cells: 10 Years On. <i>Cell</i> , 2018 , 174, 1054-1066	56.2	846
60	An essential function for the nuclear receptor RORgamma(t) in the generation of fetal lymphoid tissue inducer cells. <i>Nature Immunology</i> , 2004 , 5, 64-73	19.1	781
59	Lymphoid tissue genesis induced by commensals through NOD1 regulates intestinal homeostasis. <i>Nature</i> , 2008 , 456, 507-10	50.4	779
58	Innate lymphoid cells regulate CD4+ T-cell responses to intestinal commensal bacteria. <i>Nature</i> , 2013 , 498, 113-7	50.4	508
57	Innate lymphoid cells. Innate lymphoid cells: a new paradigm in immunology. <i>Science</i> , 2015 , 348, aaa6566	33.3	503
56	MUCOSAL IMMUNOLOGY. The microbiota regulates type 2 immunity through ROR γ + T cells. <i>Science</i> , 2015 , 349, 989-93	33.3	494
55	ROR γ + innate lymphoid cells regulate intestinal homeostasis by integrating negative signals from the symbiotic microbiota. <i>Nature Immunology</i> , 2011 , 12, 320-6	19.1	455
54	In vivo equilibrium of proinflammatory IL-17+ and regulatory IL-10+ Foxp3+ RORgamma t+ T cells. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1381-93	16.6	412
53	Thymic origin of intestinal alphabeta T cells revealed by fate mapping of RORgamma t+ cells. <i>Science</i> , 2004 , 305, 248-51	33.3	407
52	Lineage relationship analysis of RORgamma t+ innate lymphoid cells. <i>Science</i> , 2010 , 330, 665-9	33.3	394
51	The Spectrum and Regulatory Landscape of Intestinal Innate Lymphoid Cells Are Shaped by the Microbiome. <i>Cell</i> , 2016 , 166, 1231-1246.e13	56.2	347
50	Immune tolerance. Group 3 innate lymphoid cells mediate intestinal selection of commensal bacteria-specific CD4+ T cells. <i>Science</i> , 2015 , 348, 1031-5	33.3	308
49	Mature natural killer cell and lymphoid tissue-inducing cell development requires Id2-mediated suppression of E protein activity. <i>Journal of Experimental Medicine</i> , 2007 , 204, 1119-30	16.6	294

48	Innate lymphoid cells in inflammation and immunity. <i>Immunity</i> , 2014 , 41, 366-374	32.3	280
47	IL-7 and IL-15 independently program the differentiation of intestinal CD3-NKp46+ cell subsets from Id2-dependent precursors. <i>Journal of Experimental Medicine</i> , 2010 , 207, 273-80	16.6	255
46	The nuclear receptor PPAR gamma selectively inhibits Th17 differentiation in a T cell-intrinsic fashion and suppresses CNS autoimmunity. <i>Journal of Experimental Medicine</i> , 2009 , 206, 2079-89	16.6	240
45	Notch, Id2, and ROR γ sequentially orchestrate the fetal development of lymphoid tissue inducer cells. <i>Journal of Experimental Medicine</i> , 2012 , 209, 729-40	16.6	198
44	A Weaning Reaction to Microbiota Is Required for Resistance to Immunopathologies in the Adult. <i>Immunity</i> , 2019 , 50, 1276-1288.e5	32.3	195
43	Critical role of ROR- γ in a new thymic pathway leading to IL-17-producing invariant NKT cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 19845-50	11.5	195
42	Glial-cell-derived neuroregulators control type 3 innate lymphoid cells and gut defence. <i>Nature</i> , 2016 , 535, 440-443	50.4	190
41	Nonredundant function of soluble LT β produced by innate lymphoid cells in intestinal homeostasis. <i>Science</i> , 2013 , 342, 1243-6	33.3	190
40	Microbiota-induced tertiary lymphoid tissues aggravate inflammatory disease in the absence of ROR γ and LTi cells. <i>Journal of Experimental Medicine</i> , 2011 , 208, 125-34	16.6	179
39	The role of the nuclear hormone receptor ROR γ in the development of lymph nodes and Peyer's patches. <i>Immunological Reviews</i> , 2003 , 195, 81-90	11.3	169
38	Skin and peripheral lymph node invariant NKT cells are mainly retinoic acid receptor-related orphan receptor (gamma) β and respond preferentially under inflammatory conditions. <i>Journal of Immunology</i> , 2009 , 183, 2142-9	5.3	118
37	Inducible lymphoid tissues in the adult gut: recapitulation of a fetal developmental pathway?. <i>Nature Reviews Immunology</i> , 2005 , 5, 413-20	36.5	114
36	Innate lymphoid cells support regulatory T cells in the intestine through interleukin-2. <i>Nature</i> , 2019 , 568, 405-409	50.4	106
35	Activation of Type 3 innate lymphoid cells and interleukin 22 secretion in the lungs during <i>Streptococcus pneumoniae</i> infection. <i>Journal of Infectious Diseases</i> , 2014 , 210, 493-503	7	104
34	Inflammation recapitulates the ontogeny of lymphoid stromal cells. <i>Journal of Immunology</i> , 2009 , 182, 5789-99	5.3	99
33	Immunity by equilibrium. <i>Nature Reviews Immunology</i> , 2016 , 16, 524-32	36.5	97
32	Imprinting of the immune system by the microbiota early in life. <i>Mucosal Immunology</i> , 2020 , 13, 183-189.2	9.2	77
31	Restricted microbiota and absence of cognate TCR antigen leads to an unbalanced generation of Th17 cells. <i>Journal of Immunology</i> , 2011 , 186, 1531-7	5.3	66

30	Effect of gut microbiota on depressive-like behaviors in mice is mediated by the endocannabinoid system. <i>Nature Communications</i> , 2020 , 11, 6363	17.4	62
29	General method for the modification of different BAC types and the rapid generation of BAC transgenic mice. <i>Genesis</i> , 2004 , 38, 39-50	1.9	54
28	The development of LT α i cells. <i>Current Opinion in Immunology</i> , 2012 , 24, 178-83	7.8	53
27	Development and evolution of ROR γ ⁺ cells in a microbial world. <i>Immunological Reviews</i> , 2012 , 245, 177-88	11.3	50
26	Development and regulation of ROR γ (+) innate lymphoid cells. <i>FEBS Letters</i> , 2014 , 588, 4176-81	3.8	46
25	Intestinal microbiota, evolution of the immune system and the bad reputation of pro-inflammatory immunity. <i>Cellular Microbiology</i> , 2011 , 13, 653-9	3.9	46
24	A circadian clock is essential for homeostasis of group 3 innate lymphoid cells in the gut. <i>Science Immunology</i> , 2019 , 4,	28	41
23	Innate lymphoid cells in defense, immunopathology and immunotherapy. <i>Nature Immunology</i> , 2016 , 17, 755-7	19.1	41
22	From induced to programmed lymphoid tissues: the long road to preempt pathogens. <i>Trends in Immunology</i> , 2007 , 28, 423-8	14.4	27
21	Lymphotoxin- β receptor-independent development of intestinal IL-22-producing NKp46 ⁺ innate lymphoid cells. <i>European Journal of Immunology</i> , 2011 , 41, 780-6	6.1	26
20	Bacteria and MAMP-induced morphogenesis of the immune system. <i>Current Opinion in Immunology</i> , 2010 , 22, 448-54	7.8	24
19	Towards a General Theory of Immunity?. <i>Trends in Immunology</i> , 2018 , 39, 261-263	14.4	18
18	Dysregulation of ILC3s unleashes progression and immunotherapy resistance in colon cancer. <i>Cell</i> , 2021 , 184, 5015-5030.e16	56.2	18
17	An optimized protocol for isolating lymphoid stromal cells from the intestinal lamina propria. <i>Journal of Immunological Methods</i> , 2015 , 421, 14-19	2.5	16
16	Notch regulates Th17 differentiation and controls trafficking of IL-17 and metabolic regulators within Th17 cells in a context-dependent manner. <i>Scientific Reports</i> , 2016 , 6, 39117	4.9	16
15	Excess calorie intake early in life increases susceptibility to colitis in adulthood. <i>Nature Metabolism</i> , 2019 , 1, 1101-1109	14.6	15
14	Microorganisms as scaffolds of host individuality: an eco-immunity account of the holobiont. <i>Biology and Philosophy</i> , 2016 , 31, 819-837	1.7	15
13	Metabolic regulation by PPAR δ required for IL-33-mediated activation of ILC2s in lung and adipose tissue. <i>Mucosal Immunology</i> , 2021 , 14, 585-593	9.2	13

12	Mouse models for the study of fate and function of innate lymphoid cells. <i>European Journal of Immunology</i> , 2018 , 48, 1271-1280	6.1	13
11	Type 3 regulatory T cells at the interface of symbiosis. <i>Journal of Microbiology</i> , 2018 , 56, 163-171	3	12
10	S100A4 Protein Is Essential for the Development of Mature Microfold Cells in Peyer's Patches. <i>Cell Reports</i> , 2019 , 29, 2823-2834.e7	10.6	12
9	The microbiota, a necessary element of immunity. <i>Comptes Rendus - Biologies</i> , 2018 , 341, 281-283	1.4	10
8	Bacterial sensing via neuronal Nod2 regulates appetite and body temperature.. <i>Science</i> , 2022 , 376, eabj3986	39.5	6
7	GAPs in early life facilitate immune tolerance. <i>Science Immunology</i> , 2017 , 2,	28	5
6	Control of pathogens and microbiota by innate lymphoid cells. <i>Microbes and Infection</i> , 2018 , 20, 317-322	9.3	3
5	Robustness in living organisms is homeostasis. <i>Seminars in Immunology</i> , 2018 , 36, 56-57	10.7	2
4	Antigen-presenting innate lymphoid cells orchestrate neuroinflammation. <i>Nature</i> , 2021 ,	50.4	2
3	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	2
2	Beware of whom you live with: Your intestinal IgA may depend on it. <i>European Journal of Immunology</i> , 2020 , 50, 779-782	6.1	0
1	Tofacitinib treatment alters mucosal immunity and gut microbiota during experimental arthritis. <i>Clinical and Translational Medicine</i> , 2020 , 10, e163	5.7	0