Gerard Eberl

List of Publications by Year in Descending Order

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	Bacterial sensing via neuronal Nod2 regulates appetite and body temperature.. *Science*, **2022**, 376, eabj3986	9.9	6
64	Antigen-presenting innate lymphoid cells orchestrate neuroinflammation. *Nature*, **2021**,	50.4	2
63	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. *Journal of Experimental Medicine*, **2021**, 218,	16.6	2
62	Metabolic regulation by PPARδ is required for IL-33-mediated activation of ILC2s in lung and adipose tissue. *Mucosal Immunology*, **2021**, 14, 585-593	9.2	13
61	Dysregulation of ILC3s unleashes progression and immunotherapy resistance in colon cancer. *Cell*, **2021**, 184, 5015-5030.e16	56.2	18
60	Effect of gut microbiota on depressive-like behaviors in mice is mediated by the endocannabinoid system. *Nature Communications*, **2020**, 11, 6363	17.4	62
59	Imprinting of the immune system by the microbiota early in life. *Mucosal Immunology*, **2020**, 13, 183-189	9.2	77
58	Beware of whom you live with: Your intestinal IgA may depend on it. *European Journal of Immunology*, **2020**, 50, 779-782	6.1	0
57	Tofacitinib treatment alters mucosal immunity and gut microbiota during experimental arthritis. *Clinical and Translational Medicine*, **2020**, 10, e163	5.7	0
56	A circadian clock is essential for homeostasis of group 3 innate lymphoid cells in the gut. *Science Immunology*, **2019**, 4,	28	41
55	A Weaning Reaction to Microbiota Is Required for Resistance to Immunopathologies in the Adult. *Immunity*, **2019**, 50, 1276-1288.e5	32.3	195
54	Innate lymphoid cells support regulatory T cells in the intestine through interleukin-2. *Nature*, **2019**, 568, 405-409	50.4	106
53	Excess calorie intake early in life increases susceptibility to colitis in adulthood. *Nature Metabolism*, **2019**, 1, 1101-1109	14.6	15
52	S100A4 Protein Is Essential for the Development of Mature Microfold Cells in Peyer's Patches. *Cell Reports*, **2019**, 29, 2823-2834.e7	10.6	12
51	Type 3 regulatory T cells at the interface of symbiosis. *Journal of Microbiology*, **2018**, 56, 163-171	3	12
50	The microbiota, a necessary element of immunity. *Comptes Rendus - Biologies*, **2018**, 341, 281-283	1.4	10
49	Robustness in living organisms is homeostasis. *Seminars in Immunology*, **2018**, 36, 56-57	10.7	2

48	Innate Lymphoid Cells: 10 Years On. *Cell*, **2018**, 174, 1054-1066	56.2	846
47	Towards a General Theory of Immunity?. *Trends in Immunology*, **2018**, 39, 261-263	14.4	18
46	Control of pathogens and microbiota by innate lymphoid cells. *Microbes and Infection*, **2018**, 20, 317-322	9.3	3
45	Mouse models for the study of fate and function of innate lymphoid cells. *European Journal of Immunology*, **2018**, 48, 1271-1280	6.1	13
44	GAPs in early life facilitate immune tolerance. *Science Immunology*, **2017**, 2,	28	5
43	The Spectrum and Regulatory Landscape of Intestinal Innate Lymphoid Cells Are Shaped by the Microbiome. *Cell*, **2016**, 166, 1231-1246.e13	56.2	347
42	Glial-cell-derived neuroregulators control type 3 innate lymphoid cells and gut defence. *Nature*, **2016**, 535, 440-443	50.4	190
41	Innate lymphoid cells in defense, immunopathology and immunotherapy. *Nature Immunology*, **2016**, 17, 755-7	19.1	41
40	Immunity by equilibrium. *Nature Reviews Immunology*, **2016**, 16, 524-32	36.5	97
39	Microorganisms as scaffolds of host individuality: an eco-immunity account of the holobiont. *Biology and Philosophy*, **2016**, 31, 819-837	1.7	15
38	Notch regulates Th17 differentiation and controls trafficking of IL-17 and metabolic regulators within Th17 cells in a context-dependent manner. *Scientific Reports*, **2016**, 6, 39117	4.9	16
37	MUCOSAL IMMUNOLOGY. The microbiota regulates type 2 immunity through ROR□+ T cells. *Science*, **2015**, 349, 989-93	33.3	494
36	Immune tolerance. Group 3 innate lymphoid cells mediate intestinal selection of commensal bacteria-specific CD4+ T cells. *Science*, **2015**, 348, 1031-5	33.3	308
35	An optimized protocol for isolating lymphoid stromal cells from the intestinal lamina propria. *Journal of Immunological Methods*, **2015**, 421, 14-19	2.5	16
34	Innate lymphoid cells. Innate lymphoid cells: a new paradigm in immunology. *Science*, **2015**, 348, aaa6566	33.3	503
33	Activation of Type 3 innate lymphoid cells and interleukin 22 secretion in the lungs during Streptococcus pneumoniae infection. *Journal of Infectious Diseases*, **2014**, 210, 493-503	7	104
32	Innate lymphoid cells in inflammation and immunity. *Immunity*, **2014**, 41, 366-374	32.3	280
31	Development and regulation of ROR□(+) innate lymphoid cells. *FEBS Letters*, **2014**, 588, 4176-81	3.8	46

30	Nonredundant function of soluble LTα3 produced by innate lymphoid cells in intestinal homeostasis. *Science*, **2013**, 342, 1243-6	33.3	190
29	Innate lymphoid cells--a proposal for uniform nomenclature. *Nature Reviews Immunology*, **2013**, 13, 145-9	36.5	1655
28	Animals in a bacterial world, a new imperative for the life sciences. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 3229-36	11.5	1488
27	Innate lymphoid cells regulate CD4+ T-cell responses to intestinal commensal bacteria. *Nature*, **2013**, 498, 113-7	50.4	508
26	The development of LTi cells. *Current Opinion in Immunology*, **2012**, 24, 178-83	7.8	53
25	Development and evolution of RORγ+ cells in a microbe's world. *Immunological Reviews*, **2012**, 245, 177-88	11.3	50
24	Notch, Id2, and RORγt sequentially orchestrate the fetal development of lymphoid tissue inducer cells. *Journal of Experimental Medicine*, **2012**, 209, 729-40	16.6	198
23	Intestinal microbiota, evolution of the immune system and the bad reputation of pro-inflammatory immunity. *Cellular Microbiology*, **2011**, 13, 653-9	3.9	46
22	RORγt+ innate lymphoid cells regulate intestinal homeostasis by integrating negative signals from the symbiotic microbiota. *Nature Immunology*, **2011**, 12, 320-6	19.1	455
21	Lymphotoxin-β receptor-independent development of intestinal IL-22-producing NKp46+ innate lymphoid cells. *European Journal of Immunology*, **2011**, 41, 780-6	6.1	26
20	Microbiota-induced tertiary lymphoid tissues aggravate inflammatory disease in the absence of RORgamma t and LTi cells. *Journal of Experimental Medicine*, **2011**, 208, 125-34	16.6	179
19	Restricted microbiota and absence of cognate TCR antigen leads to an unbalanced generation of Th17 cells. *Journal of Immunology*, **2011**, 186, 1531-7	5.3	66
18	IL-7 and IL-15 independently program the differentiation of intestinal CD3-NKp46+ cell subsets from Id2-dependent precursors. *Journal of Experimental Medicine*, **2010**, 207, 273-80	16.6	255
17	Lineage relationship analysis of RORgammat+ innate lymphoid cells. *Science*, **2010**, 330, 665-9	33.3	394
16	Bacteria and MAMP-induced morphogenesis of the immune system. *Current Opinion in Immunology*, **2010**, 22, 448-54	7.8	24
15	The nuclear receptor PPAR gamma selectively inhibits Th17 differentiation in a T cell-intrinsic fashion and suppresses CNS autoimmunity. *Journal of Experimental Medicine*, **2009**, 206, 2079-89	16.6	240
14	Skin and peripheral lymph node invariant NKT cells are mainly retinoic acid receptor-related orphan receptor (gamma)t+ and respond preferentially under inflammatory conditions. *Journal of Immunology*, **2009**, 183, 2142-9	5.3	118
13	Inflammation recapitulates the ontogeny of lymphoid stromal cells. *Journal of Immunology*, **2009**, 182, 5789-99	5.3	99

12	The key role of segmented filamentous bacteria in the coordinated maturation of gut helper T cell responses. *Immunity*, **2009**, 31, 677-89	32.3	1054
11	Lymphoid tissue genesis induced by commensals through NOD1 regulates intestinal homeostasis. *Nature*, **2008**, 456, 507-10	50.4	779
10	In vivo equilibrium of proinflammatory IL-17+ and regulatory IL-10+ Foxp3+ RORgamma t+ T cells. *Journal of Experimental Medicine*, **2008**, 205, 1381-93	16.6	412
9	Critical role of ROR-□in a new thymic pathway leading to IL-17-producing invariant NKT cell differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 19845-50	11.5	195
8	Microbial flora drives interleukin 22 production in intestinal NKp46+ cells that provide innate mucosal immune defense. *Immunity*, **2008**, 29, 958-70	32.3	848
7	Mature natural killer cell and lymphoid tissue-inducing cell development requires Id2-mediated suppression of E protein activity. *Journal of Experimental Medicine*, **2007**, 204, 1119-30	16.6	294
6	From induced to programmed lymphoid tissues: the long road to preempt pathogens. *Trends in Immunology*, **2007**, 28, 423-8	14.4	27
5	Inducible lymphoid tissues in the adult gut: recapitulation of a fetal developmental pathway?. *Nature Reviews Immunology*, **2005**, 5, 413-20	36.5	114
4	Thymic origin of intestinal alphabeta T cells revealed by fate mapping of RORgammat+ cells. *Science*, **2004**, 305, 248-51	33.3	407
3	An essential function for the nuclear receptor RORgamma(t) in the generation of fetal lymphoid tissue inducer cells. *Nature Immunology*, **2004**, 5, 64-73	19.1	781
2	General method for the modification of different BAC types and the rapid generation of BAC transgenic mice. *Genesis*, **2004**, 38, 39-50	1.9	54
1	The role of the nuclear hormone receptor RORgammat in the development of lymph nodes and Peyer\s patches. *Immunological Reviews*, **2003**, 195, 81-90	11.3	169