

# Marc Le Bert

## List of Publications by Year in descending order

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55  
papers

3,506  
citations

218381

26  
h-index

168136

53  
g-index

57  
all docs

57  
docs citations

57  
times ranked

5374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cigarette Smoke-Induced Pulmonary Inflammation Is TLR4/MyD88 and IL-1R1/MyD88 Signaling Dependent. <i>Journal of Immunology</i> , 2008, 180, 1169-1178.	0.4	296
2	Pseudoxanthoma elasticum: a clinical, pathophysiological and genetic update including 11 novel ABCC6 mutations. <i>Journal of Medical Genetics</i> , 2005, 42, 881-892.	1.5	259
3	Toll-like receptor pathways in the immune responses to mycobacteria. <i>Microbes and Infection</i> , 2004, 6, 946-959.	1.0	234
4	Paranodin, a Glycoprotein of Neuronal Paranodal Membranes. <i>Neuron</i> , 1997, 19, 319-331.	3.8	231
5	ATP release and purinergic signaling: a common pathway for particle-mediated inflammasome activation. <i>Cell Death and Disease</i> , 2012, 3, e403-e403.	2.7	209
6	Localization of the 3â€² IgH Locus Elements that Effect Long-Distance Regulation of Class Switch Recombination. <i>Immunity</i> , 2001, 15, 187-199.	6.6	191
7	Regulation of a Neuronal Form of Focal Adhesion Kinase by Anandamide. <i>Science</i> , 1996, 273, 1719-1722.	6.0	183
8	IL-1 and IL-23 Mediate Early IL-17A Production in Pulmonary Inflammation Leading to Late Fibrosis. <i>PLoS ONE</i> , 2011, 6, e23185.	1.1	180
9	STING-dependent sensing of self-DNA drives silica-induced lung inflammation. <i>Nature Communications</i> , 2018, 9, 5226.	5.8	176
10	The NLRP3 inflammasome is activated by nanoparticles through ATP, ADP and adenosine. <i>Cell Death and Disease</i> , 2015, 6, e1629-e1629.	2.7	162
11	Inflammasome-IL-1-Th17 response in allergic lung inflammation. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 3-10.	1.5	136
12	Pannexin-1 channels contribute to seizure generation in human epileptic brain tissue and in a mouse model of epilepsy. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	91
13	Seizure-related opening of the blood-brain barrier induced by soman: possible correlation with the acute neuropathology observed in poisoned rats. <i>NeuroToxicology</i> , 1990, 11, 493-508.	1.4	91
14	Relative contribution of ILâ€¹, ILâ€² and TNF to the host response to <i>Mycobacterium tuberculosis</i> and attenuated <i>M. bovis BCG</i> . <i>Immunity, Inflammation and Disease</i> , 2013, 1, 47-62.	1.3	87
15	Tumor necrosis factor is critical to control tuberculosis infection. <i>Microbes and Infection</i> , 2007, 9, 623-628.	1.0	83
16	EuroPhenome: a repository for high-throughput mouse phenotyping data. <i>Nucleic Acids Research</i> , 2010, 38, D577-D585.	6.5	75
17	Immunoglobulin class-switch recombination in mice devoid of any S <sup>1</sup> / <sub>4</sub> tandem repeat. <i>Blood</i> , 2004, 103, 3828-3836.	0.6	68
18	PD-1 Is Involved in the Dysregulation of Type 2 Innate Lymphoid Cells in a Murine Model of Obesity. <i>Cell Reports</i> , 2018, 25, 2053-2060.e4.	2.9	62

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19	Alternatively Spliced Focal Adhesion Kinase in Rat Brain with Increased Autophosphorylation Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 28720-28725.	1.6	52
20	Messenger RNAs of $\beta$ -amyloid precursor protein and prion protein are regulated by nerve growth factor in PC12 cells. <i>International Journal of Developmental Neuroscience</i> , 1988, 6, 387-389.	0.7	49
21	Mouse Embryonic Stem Cell Sorting for the Generation of Transgenic Mice by Sedimentation Field-Flow Fractionation. <i>Analytical Chemistry</i> , 2004, 76, 1580-1585.	3.2	43
22	Innate myeloid cell TNFR1 mediates first line defence against primary <i>Mycobacterium tuberculosis</i> infection.. <i>Scientific Reports</i> , 2016, 6, 22454.	1.6	40
23	Self-DNA release and STING-dependent sensing drives inflammation to cigarette smoke in mice. <i>Scientific Reports</i> , 2019, 9, 14848.	1.6	40
24	Controlled <i>Mycobacterium tuberculosis</i> infection in mice under treatment with anti-IL-17A or IL-17F antibodies, in contrast to TNF $\alpha$ neutralization. <i>Scientific Reports</i> , 2016, 6, 36923.	1.6	34
25	Insulators to improve expression of a $\beta$ 2IgH LCR-driven reporter gene in transgenic mouse models. <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 466-471.	1.0	33
26	The IL-33 Receptor ST2 Regulates Pulmonary Inflammation and Fibrosis to Bleomycin. <i>Frontiers in Immunology</i> , 2018, 9, 1476.	2.2	29
27	Germ-line transcription occurs on both the functional and the non-functional alleles of immunoglobulin constant heavy chain genes. <i>European Journal of Immunology</i> , 2003, 33, 2108-2113.	1.6	28
28	Switch in the expression of the K19/K18 keratin genes as a very early evidence of testicular differentiation in the rat. <i>Mechanisms of Development</i> , 1995, 52, 199-207.	1.7	26
29	IL-1R1/MyD88 axis elicits papain-induced lung inflammation. <i>European Journal of Immunology</i> , 2016, 46, 2531-2541.	1.6	26
30	Protein kinase C $\delta$ controls type 2 innate lymphoid cell and TH2 responses to house dust mite allergen. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1650-1666.	1.5	23
31	MEK5/ERK5 signaling mediates IL-4-induced M2 macrophage differentiation through regulation of c-Myc expression. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1215-1223.	1.5	23
32	B Cell Development Arrest Upon Insertion of a neo Gene Between JH and E $\mu$ 4: Promoter Competition Results in Transcriptional Silencing of Germline JH and Complete V(D)J Rearrangements. <i>Journal of Immunology</i> , 2002, 169, 6875-6882.	0.4	21
33	Role of IL-1 $\beta$ in Experimental Cystic Fibrosis upon <i>P. aeruginosa</i> Infection. <i>PLoS ONE</i> , 2014, 9, e114884.	1.1	21
34	Inducible CTCF insulator delays the IgH $\beta$ 2 regulatory region-mediated activation of germline promoters and alters class switching. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6092-6097.	3.3	20
35	The probiotic strain <i>Escherichia coli</i> Nissle 1917 prevents papain-induced respiratory barrier injury and severe allergic inflammation in mice. <i>Scientific Reports</i> , 2018, 8, 11245.	1.6	18
36	Histological skin changes in heterozygote carriers of mutations in ABCC6, the gene causing pseudoxanthoma elasticum. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2007, 21, 368-373.	1.3	17

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37	Sense transcription through the S region is essential for immunoglobulin class switch recombination. EMBO Journal, 2011, 30, 1608-1620.	3.5	15
38	Protective Role of the Nucleic Acid Sensor STING in Pulmonary Fibrosis. Frontiers in Immunology, 2020, 11, 588799.	2.2	13
39	Are close contacts between astrocytes and endothelial cells a prerequisite condition of a blood-brain barrier? The rat subfornical organ as an example*. Biology of the Cell, 1989, 67, 159-165.	0.7	12
40	Replacement of $\lambda^3$ germ-line promoter by $\lambda^1$ inhibits class-switch recombination to IgG3. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20484-20489.	3.3	12
41	Combination of $3\epsilon^2$ and $5\epsilon^2$ IgH regulatory elements mimics the B-specific endogenous expression pattern of IgH genes from pro-B cells to mature B cells in a transgenic mouse model. Biochimica Et Biophysica Acta - Molecular Cell Research, 2003, 1642, 181-190.	1.9	11
42	The $5\epsilon^2$ HS4 insulator element is an efficient tool to analyse the transient expression of an $E\frac{1}{4}$ -GFP vector in a transgenic mouse model. Transgenic Research, 2005, 14, 361-364.	1.3	11
43	Muc5b-deficient mice develop early histological lung abnormalities. Biology Open, 2019, 8, .	0.6	11
44	B-Cell Activating Factor Secreted by Neutrophils Is a Critical Player in Lung Inflammation to Cigarette Smoke Exposure. Frontiers in Immunology, 2020, 11, 1622.	2.2	10
45	Blockade of IL-33R/ST2 Signaling Attenuates Toxoplasma gondii Ileitis Depending on IL-22 Expression. Frontiers in Immunology, 2019, 10, 702.	2.2	9
46	Neutrophil Inhibitory Factor Selectively Inhibits the Endothelium-Driven Transmigration of Eosinophils <i>In Vitro</i> and Airway Eosinophilia in OVA-Induced Allergic Lung Inflammation. Journal of Allergy, 2012, 2012, 1-10.	0.7	7
47	<i>Aryl hydrocarbon receptor</i> ( <i>Ahr</i> ) $\epsilon$ -dependent $\epsilon$ expression by type 3 innate lymphoid cells control of acute joint inflammation. Journal of Cellular and Molecular Medicine, 2021, 25, 4721-4731.	1.6	7
48	Bidirectional transcriptional activity of the P <sub>gk1</sub> promoter and transmission ratio distortion in Capn3-deficient mice. Genomics, 2004, 84, 592-595.	1.3	6
49	Immortalization of Different Precursors of Glial Cells with a Targeted and Temperature-Sensitive Oncogene. Experimental Cell Research, 1994, 214, 373-380.	1.2	4
50	Effect of the $E\frac{1}{4}$ IgH enhancer on expression of a GFP reporter gene in transfected B cells and transgenic mice. Immunology Letters, 2003, 86, 77-83.	1.1	4
51	Complete <i>cis</i> Exclusion upon Duplication of the $E\frac{1}{4}$ Enhancer at the Immunoglobulin Heavy Chain Locus. Molecular and Cellular Biology, 2015, 35, 2231-2241.	1.1	3
52	Deletion of Mocos induces xanthinuria with obstructive nephropathy and major metabolic disorders in mice. Kidney360, 2021, 2, 10.34067/KID.0001732021.	0.9	2
53	Targeted autophagy disruption reveals the central role of macrophage iron metabolism in systemic iron homeostasis. Blood, 2022, , .	0.6	1
54	Chronic Pseudomonas aeruginosa Lung Infection Is IL-1R Independent, but Relies on MyD88 Signaling. ImmunoHorizons, 2021, 5, 273-283.	0.8	0

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55	Inflammasome: IL-1/IL-17 Response in Lung Inflammation. , 2013, , 157-164.		0