

Roland Liblau

List of Publications by Year in descending order

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89
papers

8,949
citations

31976
53
h-index

48315
88
g-index

94
all docs

94
docs citations

94
times ranked

11112
citing authors

#	ARTICLE	IF	CITATIONS
1	Histamine in murine narcolepsy: What do genetic and immune models tell us?. <i>Brain Pathology</i> , 2022, 32, e13027.	4.1	5
2	Influenza vaccination induces autoimmunity against orexinergic neurons in a mouse model for narcolepsy. <i>Brain</i> , 2022, 145, 2018-2030.	7.6	13
3	Outcome of very high-risk patients treated by Sotrovimab for mild-to-moderate COVID-19 Omicron, a prospective cohort study (the ANRS 0003S COCOPREV study). <i>Journal of Infection</i> , 2022, 84, e101-e104.	3.3	15
4	Tissue-resident CD8 ⁺ T cells drive compartmentalized and chronic autoimmune damage against CNS neurons. <i>Science Translational Medicine</i> , 2022, 14, eabl6157.	12.4	35
5	Toward identification of personalized immunological profiles in multiple sclerosis. <i>Science Advances</i> , 2022, 8, eabq4849.	10.3	1
6	Sotrovimab to prevent severe COVID-19 in high-risk patients infected with Omicron BA.2. <i>Journal of Infection</i> , 2022, 85, e104-e108.	3.3	29
7	Fundamental mechanistic insights from rare but paradigmatic neuroimmunological diseases. <i>Nature Reviews Neurology</i> , 2021, 17, 433-447.	10.1	9
8	Aggressive multiple sclerosis (2): Treatment. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1045-1063.	3.0	21
9	Aggressive multiple sclerosis (1): Towards a definition of the phenotype. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1031-1044.	3.0	39
10	Immunological Bases of Paraneoplastic Cerebellar Degeneration and Therapeutic Implications. <i>Frontiers in Immunology</i> , 2020, 11, 991.	4.8	34
11	Treatment of experimental autoimmune encephalomyelitis with engineered bi-specific Foxp3+ regulatory CD4+ T cells. <i>Journal of Autoimmunity</i> , 2020, 108, 102401.	6.5	16
12	Narcolepsy – clinical spectrum, aetiopathophysiology, diagnosis and treatment. <i>Nature Reviews Neurology</i> , 2019, 15, 519-539.	10.1	364
13	Treatment of Progressive Multifocal Leukoencephalopathy with Nivolumab. <i>New England Journal of Medicine</i> , 2019, 380, 1674-1676.	27.0	75
14	CD8+ T cell-mediated endotheliopathy is a targetable mechanism of neuro-inflammation in Susac syndrome. <i>Nature Communications</i> , 2019, 10, 5779.	12.8	87
15	IFN- β is a therapeutic target in paraneoplastic cerebellar degeneration. <i>JCI Insight</i> , 2019, 4, .	5.0	13
16	ECTRIMS/EAN Guideline on the pharmacological treatment of people with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 96-120.	3.0	458
17	Environmental modifiable risk factors for multiple sclerosis: Report from the 2016 ECTRIMS focused workshop. <i>Multiple Sclerosis Journal</i> , 2018, 24, 590-603.	3.0	101
18	Circulating follicular helper T cells exhibit reduced ICOS expression and impaired function in narcolepsy type 1 patients. <i>Journal of Autoimmunity</i> , 2018, 94, 134-142.	6.5	8

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19	The compartmentalized inflammatory response in the multiple sclerosis brain is composed of tissue-resident CD8+ T lymphocytes and B cells. <i>Brain</i> , 2018, 141, 2066-2082.	7.6	368
20	CD4+ and CD8+ T cells are both needed to induce paraneoplastic neurological disease in a mouse model. <i>Oncolimmunology</i> , 2017, 6, e1260212.	4.6	18
21	Narcolepsy Type 1 as an Autoimmune Disorder: Evidence, and Implications for Pharmacological Treatment. <i>CNS Drugs</i> , 2017, 31, 821-834.	5.9	29
22	Inflammatory CNS disease caused by immune checkpoint inhibitors: status and perspectives. <i>Nature Reviews Neurology</i> , 2017, 13, 755-763.	10.1	139
23	Narcolepsy Type 1 Is Associated with a Systemic Increase and Activation of Regulatory T Cells and with a Systemic Activation of Global T Cells. <i>PLoS ONE</i> , 2017, 12, e0169836.	2.5	36
24	Thymus-Derived Regulatory T Cells Are Positively Selected on Natural Self-Antigen through Cognate Interactions of High Functional Avidity. <i>Immunity</i> , 2016, 44, 1114-1126.	14.3	89
25	CTLA4 blockade elicits paraneoplastic neurological disease in a mouse model. <i>Brain</i> , 2016, 139, 2923-2934.	7.6	93
26	CD8 T cell-mediated killing of orexinergic neurons induces a narcolepsy-like phenotype in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10956-10961.	7.1	106
27	Narcolepsy-Associated HLA Class I Alleles Implicate Cell-Mediated Cytotoxicity. <i>Sleep</i> , 2016, 39, 581-587.	1.1	66
28	CCR5 blockade for neuroinflammatory diseases " beyond control of HIV. <i>Nature Reviews Neurology</i> , 2016, 12, 95-105.	10.1	109
29	Neurons and T cells: Understanding this interaction for inflammatory neurological diseases. <i>European Journal of Immunology</i> , 2015, 45, 2712-2720.	2.9	24
30	Migration of encephalitogenic CD8 T cells into the central nervous system is dependent on the $\alpha 4 \beta 1$ integrin. <i>European Journal of Immunology</i> , 2015, 45, 3302-3312.	2.9	47
31	Consensus nomenclature for CD8 ⁺ T cell phenotypes in cancer. <i>Oncolimmunology</i> , 2015, 4, e998538.	4.6	119
32	Hypocretin (orexin) biology and the pathophysiology of narcolepsy with cataplexy. <i>Lancet Neurology</i> , The, 2015, 14, 318-328.	10.2	152
33	Innate and adaptive immune responses in the CNS. <i>Lancet Neurology</i> , The, 2015, 14, 945-955.	10.2	107
34	Roles of lymphatic endothelial cells expressing peripheral tissue antigens in CD4 T-cell tolerance induction. <i>Nature Communications</i> , 2015, 6, 6771.	12.8	138
35	CD80+ and CD86+B cells as biomarkers and possible therapeutic targets in HTLV-1 associated myelopathy/tropical spastic paraparesis and multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2014, 11, 18.	7.2	25
36	From classic to spontaneous and humanized models of multiple sclerosis: Impact on understanding pathogenesis and drug development. <i>Journal of Autoimmunity</i> , 2014, 54, 33-50.	6.5	148

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37	Oxidative tissue injury in multiple sclerosis is only partly reflected in experimental disease models. <i>Acta Neuropathologica</i> , 2014, 128, 247-266.	7.7	103
38	Neurons as targets for T cells in the nervous system. <i>Trends in Neurosciences</i> , 2013, 36, 315-324.	8.6	88
39	Immunopathogenesis of paraneoplastic neurological syndromes associated with anti-Hu antibodies. <i>Oncolmmunology</i> , 2013, 2, e27384.	4.6	76
40	Hypothalamic Immunopathology in Anti-Ma-associated Diencephalitis With Narcolepsy-Cataplexy. <i>JAMA Neurology</i> , 2013, 70, 1305-10.	9.0	73
41	Pathogenesis of the immune reconstitution inflammatory syndrome in HIV-infected patients. <i>Current Opinion in Infectious Diseases</i> , 2012, 25, 312-320.	3.1	45
42	Cumulative Autoimmunity: T Cell Clones Recognizing Several Self-Epitopes Exhibit Enhanced Pathogenicity. <i>Frontiers in Immunology</i> , 2011, 2, 47.	4.8	4
43	Sustained calcium signalling and caspase-3 activation involve NMDA receptors in thymocytes in contact with dendritic cells. <i>Cell Death and Differentiation</i> , 2011, 18, 99-108.	11.2	48
44	Role of CD8 T cell subsets in the pathogenesis of multiple sclerosis. <i>FEBS Letters</i> , 2011, 585, 3758-3763.	2.8	60
45	Neurons are MHC Class I-Dependent Targets for CD8 T Cells upon Neurotropic Viral Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002393.	4.7	76
46	Disturbed regulatory T cell homeostasis in multiple sclerosis. <i>Trends in Molecular Medicine</i> , 2010, 16, 58-68.	6.7	118
47	Glatiramer acetate for the treatment of multiple sclerosis: evidence for a dual anti-inflammatory and neuroprotective role. <i>Journal of the Neurological Sciences</i> , 2009, 287, S17-S23.	0.6	29
48	Cell-cell cooperation at the T helper cell/mast cell immunological synapse. <i>Blood</i> , 2009, 114, 4979-4988.	1.4	85
49	Myeloid-Derived Suppressor Cells in Inflammatory Bowel Disease: A New Immunoregulatory Pathway. <i>Gastroenterology</i> , 2008, 135, 871-881.e5.	1.3	262
50	Unique Effects of KIT D816V in BaF3 Cells: Induction of Cluster Formation, Histamine Synthesis, and Early Mast Cell Differentiation Antigens. <i>Journal of Immunology</i> , 2008, 180, 5466-5476.	0.8	75
51	Antigen-Driven Interactions with Dendritic Cells and Expansion of Foxp3+ Regulatory T Cells Occur in the Absence of Inflammatory Signals. <i>Journal of Immunology</i> , 2008, 180, 327-334.	0.8	13
52	Regulatory T cells in the control of inflammatory demyelinating diseases of the central nervous system. <i>Current Opinion in Neurology</i> , 2008, 21, 248-254.	3.6	46
53	Autoimmune-Mediated Intestinal Inflammation—Impact and Regulation of Antigen-Specific CD8+ T Cells. <i>Gastroenterology</i> , 2006, 131, 510-524.	1.3	65
54	Rapamycin inhibits growth and survival of D816V-mutated c-kit mast cells. <i>Blood</i> , 2006, 108, 1065-1072.	1.4	62

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55	Therapeutic potential of self-antigen-specific CD4+CD25+ regulatory T cells selected in vitro from a polyclonal repertoire. <i>European Journal of Immunology</i> , 2006, 36, 817-827.	2.9	45
56	CD4+ T cell mediated intestinal immunity: chronic inflammation versus immune regulation. <i>Gut</i> , 2005, 54, 60-69.	12.1	37
57	Identification of a novel natural regulatory CD8 T-cell subset and analysis of its mechanism of regulation. <i>Blood</i> , 2004, 104, 3294-3301.	1.4	180
58	Role of enteric glial cells in inflammatory bowel disease. <i>Glia</i> , 2003, 41, 81-93.	4.9	156
59	Effective and selective immune surveillance of the brain by MHC class I-restricted cytotoxic T lymphocytes. <i>European Journal of Immunology</i> , 2003, 33, 1174-1182.	2.9	106
60	Visualizing the course of antigen-specific CD8 and CD4 T cell responses to a growing tumor. <i>European Journal of Immunology</i> , 2003, 33, 806-814.	2.9	47
61	Neuronal plasticity induced in the enteric nervous system by immune targeting of glia in transgenic mice. <i>Gastroenterology</i> , 2003, 124, A74.	1.3	2
62	Continuous Activation of Autoreactive CD4+ CD25+ Regulatory T Cells in the Steady State. <i>Journal of Experimental Medicine</i> , 2003, 198, 737-746.	8.5	470
63	Quality Assurance for Cerebrospinal Fluid Protein Analysis: International Consensus by an Internet-Based Group Discussion. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 331-7.	2.3	62
64	Myelin/oligodendrocyte glycoprotein-deficient (MOG-deficient) mice reveal lack of immune tolerance to MOG in wild-type mice. <i>Journal of Clinical Investigation</i> , 2003, 112, 544-553.	8.2	126
65	Experimental autoimmune encephalomyelitis mobilizes neural progenitors from the subventricular zone to undergo oligodendrogenesis in adult mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13211-13216.	7.1	429
66	Autoreactive CD8 T Cells in Organ-Specific Autoimmunity. <i>Immunity</i> , 2002, 17, 1-6.	14.3	178
67	Mast cells: new targets for multiple sclerosis therapy?. <i>Journal of Neuroimmunology</i> , 2002, 131, 5-20.	2.3	81
68	Enterocolitis induced by autoimmune targeting of enteric glial cells: A possible mechanism in Crohn's disease?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13306-13311.	7.1	273
69	Cytokines in genetic susceptibility to multiple sclerosis: a candidate gene approach. <i>Journal of Neuroimmunology</i> , 2000, 102, 107-112.	2.3	45
70	Role of astrocytes in antigen presentation and naive T-cell activation. <i>Journal of Neuroimmunology</i> , 2000, 106, 69-77.	2.3	65
71	Delayed and Separate Costimulation In Vitro Supports the Evidence of a Transient "Excited-State" of CD8+ T Cells During Activation. <i>Journal of Immunology</i> , 2000, 164, 4493-4499.	0.8	6
72	Systemic Administration of Agonist Peptide Blocks the Progression of Spontaneous CD8-Mediated Autoimmune Diabetes in Transgenic Mice Without Bystander Damage. <i>Journal of Immunology</i> , 2000, 165, 202-210.	0.8	24

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73	Cell-mediated autoimmunity in paraneoplastic neurological syndromes with anti-Hu antibodies. <i>Annals of Neurology</i> , 1999, 45, 162-167.	5.3	155
74	Frequent enrichment for CD8 T cells reactive against common herpes viruses in chronic inflammatory lesions: towards a reassessment of the physiopathological significance of T cell clonal expansions found in autoimmune inflammatory processes. <i>European Journal of Immunology</i> , 1999, 29, 973-985.	2.9	130
75	Cell-mediated autoimmunity in paraneoplastic neurological syndromes with anti-Hu antibodies. , 1999, 45, 162.		1
76	Imaging antigen recognition by naive CD4+ T cells: compulsory cytoskeletal alterations for the triggering of an intracellular calcium response. <i>European Journal of Immunology</i> , 1998, 28, 716-729.	2.9	114
77	Role of co-stimulation in CD8+ T cell activation. <i>International Immunology</i> , 1998, 10, 619-630.	4.0	41
78	Antigen-dependent and -independent Ca ²⁺ Responses Triggered in T Cells by Dendritic Cells Compared with B Cells. <i>Journal of Experimental Medicine</i> , 1998, 188, 1473-1484.	8.5	139
79	Systemic Autoimmune Features and Multiple Sclerosis. <i>Archives of Neurology</i> , 1998, 55, 517.	4.5	108
80	Prevention of diabetes in NOD mice by a mutated I-Ab transgene. <i>Diabetes</i> , 1998, 47, 1570-1577.	0.6	62
81	Induction of GAD65-specific regulatory T-cells inhibits ongoing autoimmune diabetes in nonobese diabetic mice. <i>Diabetes</i> , 1998, 47, 894-899.	0.6	144
82	Chronic Tumor Necrosis Factor Alters T Cell Responses by Attenuating T Cell Receptor Signaling. <i>Journal of Experimental Medicine</i> , 1997, 185, 1573-1584.	8.5	268
83	Experimental autoimmune encephalomyelitis in IL-4-deficient mice. <i>International Immunology</i> , 1997, 9, 799-803.	4.0	95
84	Schwann cell transplantation and myelin repair of the CNS. <i>Multiple Sclerosis Journal</i> , 1997, 3, 157-161.	3.0	42
85	Enrichment of antigen-specific T lymphocytes by panning on immobilized MHC-peptide complexes. <i>Immunology Letters</i> , 1997, 59, 85-91.	2.5	11
86	Systemic antigen in the treatment of T-cell-mediated autoimmune diseases. <i>Trends in Immunology</i> , 1997, 18, 599-604.	7.5	84
87	The Roles of Fas/APO-1 (CD95) and TNF in Antigen-Induced Programmed Cell Death in T Cell Receptor Transgenic Mice. <i>Immunity</i> , 1996, 5, 17-30.	14.3	298
88	A role for non-MHC genetic polymorphism in susceptibility to spontaneous autoimmunity. <i>Immunity</i> , 1994, 1, 73-82.	14.3	342
89	Selective IgA Deficiency and Autoimmunity. <i>International Archives of Allergy and Immunology</i> , 1992, 99, 16-27.	2.1	114