Monika Bradl

List of Publications by Citations

44 papers	3,195 citations	28 h-index	46 g-index
46 ext. papers	3,745 ext. citations	8.2 avg, IF	5.37 L-index

#	Paper	IF	Citations
44	Oligodendrocytes: biology and pathology. *Acta Neuropathologica*, **2010**, 119, 37-53	14.3	499
43	Neuromyelitis optica: pathogenicity of patient immunoglobulin in vivo. *Annals of Neurology*, **2009**, 66, 630-43	9.4	448
42	Multiple sclerosis: experimental models and reality. *Acta Neuropathologica*, **2017**, 133, 223-244	14.3	259
41	Presence of six different lesion types suggests diverse mechanisms of tissue injury in neuromyelitis optica. *Acta Neuropathologica*, **2013**, 125, 815-27	14.3	157
40	The activation status of neuroantigen-specific T cells in the target organ determines the clinical outcome of autoimmune encephalomyelitis. *Journal of Experimental Medicine*, **2004**, 199, 185-97	16.6	141
39	T-cell apoptosis in inflammatory brain lesions: destruction of T cells does not depend on antigen recognition. *American Journal of Pathology*, **1998**, 153, 715-24	5.8	136
38	Inflammation induced by innate immunity in the central nervous system leads to primary astrocyte dysfunction followed by demyelination. *Acta Neuropathologica*, **2010**, 120, 223-36	14.3	126
37	Myelin Oligodendrocyte Glycoprotein: Deciphering a Target in Inflammatory Demyelinating Diseases. *Frontiers in Immunology*, **2017**, 8, 529	8.4	121
36	Dysferlin is a new marker for leaky brain blood vessels in multiple sclerosis. *Journal of Neuropathology and Experimental Neurology*, **2006**, 65, 855-65	3.1	120
35	Features of Human CD3+CD20+ T Cells. *Journal of Immunology*, **2016**, 197, 1111-7	5.3	94
34	Myelin oligodendrocyte glycoprotein antibody-associated disease: an immunopathological study. *Brain*, **2020**, 143, 1431-1446	11.2	72
33	Pathogenic T cell responses against aquaporin 4. *Acta Neuropathologica*, **2011**, 122, 21-34	14.3	72
32	Human antibodies against the myelin oligodendrocyte glycoprotein can cause complement-dependent demyelination. *Journal of Neuroinflammation*, **2017**, 14, 208	10.1	66
31	T cell-activation in neuromyelitis optica lesions plays a role in their formation. *Acta Neuropathologica Communications*, **2013**, 1, 85	7.3	64
30	Progressive multiple sclerosis. *Seminars in Immunopathology*, **2009**, 31, 455-65	12	63
29	Transient axonal injury in the absence of demyelination: a correlate of clinical disease in acute experimental autoimmune encephalomyelitis. *Acta Neuropathologica*, **2006**, 111, 539-47	14.3	62
28	Neuromyelitis optica should be classified as an astrocytopathic disease rather than a demyelinating disease. *Clinical and Experimental Neuroimmunology*, **2012**, 3, 58-73	0.4	61

27	Pain in neuromyelitis optica--prevalence, pathogenesis and therapy. *Nature Reviews Neurology*, **2014**, 10, 529-36	15	56
26	Endoplasmic reticulum stress in PLP-overexpressing transgenic rats: gray matter oligodendrocytes are more vulnerable than white matter oligodendrocytes. *Journal of Neuropathology and Experimental Neurology*, **2002**, 61, 12-22	3.1	55
25	Highly encephalitogenic aquaporin 4-specific T cells and NMO-IgG jointly orchestrate lesion location and tissue damage in the CNS. *Acta Neuropathologica*, **2015**, 130, 783-98	14.3	47
24	Intrastriatal injection of interleukin-1 beta triggers the formation of neuromyelitis optica-like lesions in NMO-IgG seropositive rats. *Acta Neuropathologica Communications*, **2013**, 1, 5	7.3	46
23	Experimental models of neuromyelitis optica. *Brain Pathology*, **2014**, 24, 74-82	6	42
22	Autoimmune CD4+ T cell memory: lifelong persistence of encephalitogenic T cell clones in healthy immune repertoires. *Journal of Immunology*, **2005**, 175, 69-81	5.3	40
21	Circulating AQP4-specific auto-antibodies alone can induce neuromyelitis optica spectrum disorder in the rat. *Acta Neuropathologica*, **2019**, 137, 467-485	14.3	39
20	After injection into the striatum, in vitro-differentiated microglia- and bone marrow-derived dendritic cells can leave the central nervous system via the blood stream. *American Journal of Pathology*, **2008**, 173, 1669-81	5.8	38
19	Complementary contribution of CD4 and CD8 T lymphocytes to T-cell infiltration of the intact and the degenerative spinal cord. *American Journal of Pathology*, **2005**, 166, 1441-50	5.8	35
18	Aquaporin 4-specific T cells and NMO-IgG cause primary retinal damage in experimental NMO/SD. *Acta Neuropathologica Communications*, **2016**, 4, 82	7.3	33
17	Mechanisms for lesion localization in neuromyelitis optica spectrum disorders. *Current Opinion in Neurology*, **2018**, 31, 325-333	7.1	32
16	Transplantation of human amnion prevents recurring adhesions and ameliorates fibrosis in a rat model of sciatic nerve scarring. *Acta Biomaterialia*, **2018**, 66, 335-349	10.8	26
15	New tools to trace populations of inflammatory cells in the CNS. *Glia*, **2001**, 36, 125-36	9	22
14	Selective and antigen-dependent effects of myelin degeneration on central nervous system inflammation. *Journal of Neuropathology and Experimental Neurology*, **2004**, 63, 1284-96	3.1	18
13	The myelin basic protein-specific T cell repertoire in (transgenic) Lewis rat/SCID mouse chimeras: preferential V beta 8.2 T cell receptor usage depends on an intact Lewis thymic microenvironment. *European Journal of Immunology*, **1996**, 26, 981-8	6.1	18
12	A novel experimental rat model of peripheral nerve scarring that reliably mimics post-surgical complications and recurring adhesions. *DMM Disease Models and Mechanisms*, **2017**, 10, 1015-1025	4.1	15
11	The "window of susceptibility" for inflammation in the immature central nervous system is characterized by a leaky blood-brain barrier and the local expression of inflammatory chemokines. *Neurobiology of Disease*, **2009**, 35, 368-75	7.5	15
10	Experimental Neuromyelitis Optica Induces a Type I Interferon Signature in the Spinal Cord. *PLoS ONE*, **2016**, 11, e0151244	3.7	13

9	Müller cells and retinal axons can be primary targets in experimental neuromyelitis optica spectrum disorder. *Clinical and Experimental Neuroimmunology*, **2017**, 8, 3-7	0.4	9
8	Microglia pre-activation and neurodegeneration precipitate neuroinflammation without exacerbating tissue injury in experimental autoimmune encephalomyelitis. *Acta Neuropathologica Communications*, **2019**, 7, 14	7.3	8
7	Thymic stromal lymphopoietin is expressed in the intact central nervous system and upregulated in the myelin-degenerative central nervous system. *Glia*, **2014**, 62, 1066-74	9	8
6	Transition from enhanced T cell infiltration to inflammation in the myelin-degenerative central nervous system. *Neurobiology of Disease*, **2007**, 28, 261-75	7.5	5
5	Archeological neuroimmunology: resurrection of a pathogenic immune response from a historical case sheds light on human autoimmune encephalomyelitis and multiple sclerosis. *Acta Neuropathologica*, **2021**, 141, 67-83	14.3	5
4	Neurologic autoimmunity: mechanisms revealed by animal models. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2016**, 133, 121-43	3	3
3	Induction of aquaporin 4-reactive antibodies in Lewis rats immunized with aquaporin 4 mimotopes. *Acta Neuropathologica Communications*, **2020**, 8, 49	7.3	3
2	Microarray analysis on archival multiple sclerosis tissue: pathogenic authenticity outweighs technical obstacles. *Neuropathology*, **2012**, 32, 463-6	2	2
1	Iron accumulation in the choroid plexus, ependymal cells and CNS parenchyma in a rat strain with low-grade haemolysis of fragile macrocytic red blood cells. *Brain Pathology*, **2021**, 31, 333-345	6	1