

Delphine Boche

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

7,297
citations

81900

39
h-index

56724

83
g-index

104
all docs

104
docs citations

104
times ranked

8873
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term effects of A β ₄₂ immunisation in Alzheimer's disease: follow-up of a randomised, placebo-controlled phase I trial. <i>Lancet, The</i> , 2008, 372, 216-223.	13.7	1,333
2	Review: Activation patterns of microglia and their identification in the human brain. <i>Neuropathology and Applied Neurobiology</i> , 2013, 39, 3-18.	3.2	792
3	Consequence of A β immunization on the vasculature of human Alzheimer's disease brain. <i>Brain</i> , 2008, 131, 3299-3310.	7.6	283
4	Neuropathology of Early HIV-1 Infection. <i>Brain Pathology</i> , 1996, 6, 1-12.	4.1	266
5	A β Species Removal After A β ₄₂ Immunization. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 1040-1048.	1.7	260
6	Microvasculature changes and cerebral amyloid angiopathy in Alzheimer's disease and their potential impact on therapy. <i>Acta Neuropathologica</i> , 2009, 118, 87-102.	7.7	256
7	Synaptic changes characterize early behavioural signs in the ME7 model of murine prion disease. <i>European Journal of Neuroscience</i> , 2003, 17, 2147-2155.	2.6	243
8	Inflammatory components in human Alzheimer's disease and after active amyloid- β ₄₂ immunization. <i>Brain</i> , 2013, 136, 2677-2696.	7.6	234
9	Inflammation in Alzheimer's disease: relevance to pathogenesis and therapy. <i>Alzheimer's Research and Therapy</i> , 2010, 2, 1.	6.2	189
10	Mannose receptor expression specifically reveals perivascular macrophages in normal, injured, and diseased mouse brain. <i>Glia</i> , 2005, 49, 375-384.	4.9	160
11	Atypical inflammation in the central nervous system in prion disease. <i>Current Opinion in Neurology</i> , 2002, 15, 349-354.	3.6	159
12	Microglial immunophenotype in dementia with Alzheimer's pathology. <i>Journal of Neuroinflammation</i> , 2016, 13, 135.	7.2	159
13	Persistent neuropathological effects 14 years following amyloid- β immunization in Alzheimer's disease. <i>Brain</i> , 2019, 142, 2113-2126.	7.6	127
14	Neuropathology after active A β ₄₂ immunotherapy: implications for Alzheimer's disease pathogenesis. <i>Acta Neuropathologica</i> , 2010, 120, 369-384.	7.7	122
15	Transforming Growth Factor- β ₁ -Mediated Neuroprotection against Excitotoxic Injury <i>in Vivo</i> . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1174-1182.	4.3	114
16	Microglia and Brain Plasticity in Acute Psychosis and Schizophrenia Illness Course: A Meta-Review. <i>Frontiers in Psychiatry</i> , 2017, 8, 238.	2.6	114
17	Post-mortem analysis of neuroinflammatory changes in human Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 42.	6.2	99
18	The intrathecal CD163-haptoglobin-hemoglobin scavenging system in subarachnoid hemorrhage. <i>Journal of Neurochemistry</i> , 2012, 121, 785-792.	3.9	98

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19	Molecular Mechanisms of Microglial Motility: Changes in Ageing and Alzheimer's Disease. <i>Cells</i> , 2019, 8, 639.	4.1	93
20	Microglia regulate hippocampal neurogenesis during chronic neurodegeneration. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 179-190.	4.1	90
21	TGF β 1 regulates the inflammatory response during chronic neurodegeneration. <i>Neurobiology of Disease</i> , 2006, 22, 638-650.	4.4	88
22	Microglial alterations in human Alzheimer's disease following A β 242 immunization. <i>Neuropathology and Applied Neurobiology</i> , 2011, 37, 513-524.	3.2	88
23	Acute systemic inflammation exacerbates neuroinflammation in Alzheimer's disease: IL-1 β drives amplified responses in primed astrocytes and neuronal network dysfunction. <i>Alzheimer's and Dementia</i> , 2021, 17, 1735-1755.	0.8	87
24	Reduction of aggregated Tau in neuronal processes but not in the cell bodies after A β 242 immunisation in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2010, 120, 13-20.	7.7	80
25	Neuropathologically distinct prion strains give rise to similar temporal profiles of behavioral deficits. <i>Neurobiology of Disease</i> , 2005, 18, 258-269.	4.4	74
26	Transforming growth factor beta1, the dominant cytokine in murine prion disease: influence on inflammatory cytokine synthesis and alteration of vascular extracellular matrix. <i>Neuropathology and Applied Neurobiology</i> , 2002, 28, 107-119.	3.2	73
27	Pyroglutamate and Isoaspartate modified Amyloid-Beta in ageing and Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 3.	5.2	69
28	MCP-1 and murine prion disease: Separation of early behavioural dysfunction from overt clinical disease. <i>Neurobiology of Disease</i> , 2005, 20, 283-295.	4.4	62
29	Comparison of Inflammatory and Acute-Phase Responses in the Brain and Peripheral Organs of the ME7 Model of Prion Disease. <i>Journal of Virology</i> , 2005, 79, 5174-5184.	3.4	55
30	TREM2 expression in the human brain: a marker of monocyte recruitment?. <i>Brain Pathology</i> , 2018, 28, 595-602.	4.1	55
31	ISNI 2006 Abstracts. <i>Journal of Neuroimmunology</i> , 2006, 178, 1-271.	2.3	54
32	Clearance of interstitial fluid (ISF) and CSF (CLIC) group's part of Vascular Professional Interest Area (PIA). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12053.	2.4	53
33	Systemic infection modifies the neuroinflammatory response in late stage Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 88.	5.2	52
34	The Locus Coeruleus in Aging and Alzheimer's Disease: A Postmortem and Brain Imaging Review. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 5-22.	2.6	52
35	Engineered antibodies: new possibilities for brain PET?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2848-2858.	6.4	49
36	Heme's Hemopexin Scavenging Is Active in the Brain and Associates With Outcome After Subarachnoid Hemorrhage. <i>Stroke</i> , 2016, 47, 872-876.	2.0	46

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37	Diversity of transcriptomic microglial phenotypes in aging and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2022, 18, 360-376.	0.8	46
38	Prospects and challenges of imaging neuroinflammation beyond TSPO in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2831-2847.	6.4	45
39	A β immunotherapy for Alzheimer's disease: effects on apoE and cerebral vasculopathy. <i>Acta Neuropathologica</i> , 2014, 128, 777-789.	7.7	44
40	Microglial morphology in Alzheimer's disease and after A β immunotherapy. <i>Scientific Reports</i> , 2021, 11, 15955.	3.3	43
41	Viral load and neuropathology in the SIV model. <i>Journal of NeuroVirology</i> , 1999, 5, 232-240.	2.1	40
42	Microglia and Astrocyte Function and Communication: What Do We Know in Humans?. <i>Frontiers in Neuroscience</i> , 2022, 16, 824888.	2.8	39
43	Rapid neuroinflammatory changes in human acute intracerebral hemorrhage. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1465-1479.	3.7	36
44	What do we know about the inflammasome in humans?. <i>Brain Pathology</i> , 2017, 27, 192-204.	4.1	35
45	Microglial motility in Alzheimer's disease and after A β 42 immunotherapy: a human post-mortem study. <i>Acta Neuropathologica Communications</i> , 2019, 7, 174.	5.2	35
46	Systemic infection exacerbates cerebrovascular dysfunction in Alzheimer's disease. <i>Brain</i> , 2021, 144, 1869-1883.	7.6	32
47	Effect of active A β immunotherapy on neurons in human Alzheimer's disease. <i>Journal of Pathology</i> , 2015, 235, 721-730.	4.5	31
48	Virus load and neuropathology in the FIV model. <i>Journal of NeuroVirology</i> , 1996, 2, 377-387.	2.1	30
49	Neuroinflammation in dementia with Lewy bodies: a human post-mortem study. <i>Translational Psychiatry</i> , 2020, 10, 267.	4.8	30
50	Investigating Interventions in Alzheimer's Disease with Computer Simulation Models. <i>PLoS ONE</i> , 2013, 8, e73631.	2.5	28
51	Iron Deposition in the Brain After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2022, 53, 1633-1642.	2.0	28
52	Inflammation in dementia with Lewy bodies. <i>Neurobiology of Disease</i> , 2022, 168, 105698.	4.4	26
53	Downregulated apoptosis and autophagy after anti-A β immunotherapy in Alzheimer's disease. <i>Brain Pathology</i> , 2018, 28, 603-610.	4.1	24
54	Immune environment of the brain in schizophrenia and during the psychotic episode: A human post-mortem study. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 319-327.	4.1	24

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55	Metaflammasome components in the human brain: a role in dementia with Alzheimer's pathology?. <i>Brain Pathology</i> , 2017, 27, 266-275.	4.1	22
56	A β 43 in human Alzheimer's disease: effects of active A β 42 immunization. <i>Acta Neuropathologica Communications</i> , 2019, 7, 141.	5.2	20
57	Invited Review " Understanding cause and effect in Alzheimer's pathophysiology: Implications for clinical trials. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 623-640.	3.2	20
58	Review: Microglia in motor neuron disease. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 179-197.	3.2	20
59	Glial cells and adaptive immunity in frontotemporal dementia with tau pathology. <i>Brain</i> , 2021, 144, 724-745.	7.6	19
60	Innate Immune Anti-Inflammatory Response in Human Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2021, 52, 3613-3623.	2.0	19
61	Immunotherapy for Alzheimer's disease and other dementias. <i>Current Opinion in Neurology</i> , 2005, 18, 720-725.	3.6	17
62	Effect of amyloid β 2 (β 2) immunization on hyperphosphorylated tau: a potential role for glycogen synthase kinase (GSK β). <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, 445-457.	3.2	17
63	Peripheral immunophenotype in dementia with Lewy bodies and Alzheimer's disease: an observational clinical study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1219-1226.	1.9	17
64	Progressive multifocal leukoencephalopathy and oligodendroglioma in a monkey co-infected by simian immunodeficiency virus and simian virus 40. <i>Acta Neuropathologica</i> , 2000, 100, 332-336.	7.7	16
65	Innate immunity in Alzheimer's disease: the relevance of animal models?. <i>Journal of Neural Transmission</i> , 2018, 125, 827-846.	2.8	16
66	Haemoglobin Scavenging After Subarachnoid Haemorrhage. <i>Acta Neurochirurgica Supplementum</i> , 2015, 120, 51-54.	1.0	15
67	Neuropil and neuronal changes in hippocampal NADPH-diaphorase histochemistry in the ME7 model of murine prion disease. <i>Neuropathology and Applied Neurobiology</i> , 2004, 30, 292-303.	3.2	11
68	Amyloid β vaccination for Alzheimer's dementia " Authors' reply. <i>Lancet, The</i> , 2008, 372, 1381-1382.	13.7	11
69	Low susceptibility of resident microglia to simian immunodeficiency virus replication during the early stages of infection. <i>Neuropathology and Applied Neurobiology</i> , 1995, 21, 535-539.	3.2	10
70	Neuroinflammation in ageing and in neurodegenerative disease. <i>Neuropathology and Applied Neurobiology</i> , 2013, 39, 1-2.	3.2	9
71	BRAIN UK: Accessing NHS tissue archives for neuroscience research. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	9
72	A novel method to visualise the three-dimensional organisation of the human cerebral cortical vasculature. <i>Journal of Anatomy</i> , 2018, 232, 1025-1030.	1.5	8

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73	PKR modulates abnormal brain signaling in experimental obesity. PLoS ONE, 2018, 13, e0196983.	2.5	8
74	Immunotherapy for Alzheimer's Disease and Other Dementias. Clinical Neuropharmacology, 2006, 29, 22-27.	0.7	7
75	Are we getting to grips with Alzheimer's disease at last?. Brain, 2010, 133, 1297-1299.	7.6	7
76	Microglial contribution to synaptic uptake in the prefrontal cortex in schizophrenia. Neuropathology and Applied Neurobiology, 2021, 47, 346-351.	3.2	7
77	Histopathological correlates of haemorrhagic lesions on <i>ex vivo</i> magnetic resonance imaging in immunized Alzheimer's disease cases. Brain Communications, 2022, 4, fcac021.	3.3	7
78	Novel association between microglia and stem cells in human gliomas: A contributor to tumour proliferation?. Journal of Pathology: Clinical Research, 2015, 1, 67-75.	3.0	6
79	Differential perivascular microglial activation in the deep white matter in vascular dementia developed post-stroke. Brain Pathology, 0, , .	4.1	6
80	Rat astrocytic tumour cells are associated with an anti-inflammatory microglial phenotype in an organotypic model. Neuropathology and Applied Neurobiology, 2013, 39, 243-255.	3.2	4
81	Effect of anti-cancer drugs on microglia in patient-derived breast cancer xenografted mouse models. Neuropathology, 2017, 37, 91-93.	1.2	4
82	Combination Therapy in Alzheimer's Disease: Is It Time?. Journal of Alzheimer's Disease, 2022, , 1-17.	2.6	4
83	Amyloid: Vascular and Parenchymal. , 2009, , 355-362.		2
84	Amyloid: Vascular and Parenchymal . , 2017, , .		2
85	Molecular Investigation of the Unfolded Protein Response in Select Human Tauopathies. Journal of Alzheimer's Disease Reports, 2021, 5, 1-15.	2.2	2
86	Mini-symposium: Role of the inflammasome in brain pathogenesis: a potential therapeutic target? - introduction. Brain Pathology, 2017, 27, 190-191.	4.1	1
87	Dissociation between viral load and neuropathology in the SIV model: Key role of glial cells. Journal of Neuroimmunology, 1998, 90, 63.	2.3	0
88	P.1.d.001 Multi-immunostaining for microglial activation in schizophrenia. European Neuropsychopharmacology, 2014, 24, S188-S189.	0.7	0
89	F1-02-03: Microglia heterogeneity in the human Alzheimer's brain. , 2015, 11, P117-P117.		0
90	P3-106: Acute Systemic Infection and FcγR Receptors in Alzheimer's Disease: An Immunosuppressive Environment. Alzheimer's and Dementia, 2016, 12, P859.	0.8	0

#	ARTICLE	IF	CITATIONS
91	[Eâ€œ02â€œ02]: THE NEUROINFLAMMATORY PROFILE IN ALZHEIMER'S DISEASE: EFFECT OF SYSTEMIC INFECTION. Alzheimer's and Dementia, 2017, 13, P546.	0.8	0
92	Synapses and Alzheimersâ€™s Disease: Effect of Immunotherapy?. , 2011, , 269-287.		0