

Delphine Boche

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

7,297
citations

81743

39
h-index

56606

83
g-index

104
all docs

104
docs citations

104
times ranked

8873
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of transcriptomic microglial phenotypes in aging and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2022, 18, 360-376.	0.4	46
2	BRAIN UK: Accessing NHS tissue archives for neuroscience research. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	9
3	Histopathological correlates of haemorrhagic lesions on <i>ex vivo</i> magnetic resonance imaging in immunized Alzheimer's disease cases. <i>Brain Communications</i> , 2022, 4, fcac021.	1.5	7
4	Microglia and Astrocyte Function and Communication: What Do We Know in Humans?. <i>Frontiers in Neuroscience</i> , 2022, 16, 824888.	1.4	39
5	Iron Deposition in the Brain After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2022, 53, 1633-1642.	1.0	28
6	Inflammation in dementia with Lewy bodies. <i>Neurobiology of Disease</i> , 2022, 168, 105698.	2.1	26
7	Combination Therapy in Alzheimer's Disease: Is It Time?. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-17.	1.2	4
8	Review: Microglia in motor neuron disease. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 179-197.	1.8	20
9	Microglial contribution to synaptic uptake in the prefrontal cortex in schizophrenia. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 346-351.	1.8	7
10	Glial cells and adaptive immunity in frontotemporal dementia with tau pathology. <i>Brain</i> , 2021, 144, 724-745.	3.7	19
11	Systemic infection exacerbates cerebrovascular dysfunction in Alzheimer's disease. <i>Brain</i> , 2021, 144, 1869-1883.	3.7	32
12	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.	0.4	87
13	Innate Immune Anti-Inflammatory Response in Human Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2021, 52, 3613-3623.	1.0	19
14	Microglial morphology in Alzheimer's disease and after $\text{A}\beta$ immunotherapy. <i>Scientific Reports</i> , 2021, 11, 15955.	1.6	43
15	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.	1.2	52
16	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.	2.0	24
17	Molecular Investigation of the Unfolded Protein Response in Select Human Tauopathies. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 1-15.	1.2	2
18	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.	1.2	53

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19	Neuroinflammation in dementia with Lewy bodies: a human post-mortem study. <i>Translational Psychiatry</i> , 2020, 10, 267.	2.4	30
20	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.	0.9	17
21	Invited Review "Understanding cause and effect in Alzheimer's pathophysiology: Implications for clinical trials. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 623-640.	1.8	20
22	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.	3.3	45
23	Rapid neuroinflammatory changes in human acute intracerebral hemorrhage. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1465-1479.	1.7	36
24	Engineered antibodies: new possibilities for brain PET?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2848-2858.	3.3	49
25	Molecular Mechanisms of Microglial Motility: Changes in Ageing and Alzheimer's Disease. <i>Cells</i> , 2019, 8, 639.	1.8	93
26	Microglial motility in Alzheimer's disease and after A β 242 immunotherapy: a human post-mortem study. <i>Acta Neuropathologica Communications</i> , 2019, 7, 174.	2.4	35
27	A β 243 in human Alzheimer's disease: effects of active A β 242 immunization. <i>Acta Neuropathologica Communications</i> , 2019, 7, 141.	2.4	20
28	Persistent neuropathological effects 14 years following amyloid- β 2 immunization in Alzheimer's disease. <i>Brain</i> , 2019, 142, 2113-2126.	3.7	127
29	A novel method to visualise the three-dimensional organisation of the human cerebral cortical vasculature. <i>Journal of Anatomy</i> , 2018, 232, 1025-1030.	0.9	8
30	Innate immunity in Alzheimer's disease: the relevance of animal models?. <i>Journal of Neural Transmission</i> , 2018, 125, 827-846.	1.4	16
31	Downregulated apoptosis and autophagy after anti-A β 2 immunotherapy in Alzheimer's disease. <i>Brain Pathology</i> , 2018, 28, 603-610.	2.1	24
32	TREM2 expression in the human brain: a marker of monocyte recruitment?. <i>Brain Pathology</i> , 2018, 28, 595-602.	2.1	55
33	Systemic infection modifies the neuroinflammatory response in late stage Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 88.	2.4	52
34	PKR modulates abnormal brain signaling in experimental obesity. <i>PLoS ONE</i> , 2018, 13, e0196983.	1.1	8
35	Pyroglutamate and Isoaspartate modified Amyloid-Beta in ageing and Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 3.	2.4	69
36	Mini-symposium: Role of the inflammasome in brain pathogenesis: a potential therapeutic target? Introduction. <i>Brain Pathology</i> , 2017, 27, 190-191.	2.1	1

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37	What do we know about the inflammasome in humans?. Brain Pathology, 2017, 27, 192-204.	2.1	35
38	Effect of anti-cancer drugs on microglia in patient-derived breast cancer xenografted mouse models. Neuropathology, 2017, 37, 91-93.	0.7	4
39	Metaflammasome components in the human brain: a role in dementia with Alzheimer's pathology?. Brain Pathology, 2017, 27, 266-275.	2.1	22
40	[E02a02]: THE NEUROINFLAMMATORY PROFILE IN ALZHEIMER'S DISEASE: EFFECT OF SYSTEMIC INFECTION. Alzheimer's and Dementia, 2017, 13, P546.	0.4	0
41	Microglia and Brain Plasticity in Acute Psychosis and Schizophrenia Illness Course: A Meta-Review. Frontiers in Psychiatry, 2017, 8, 238.	1.3	114
42	Amyloid: Vascular and Parenchymal β , 2017, . .		2
43	P3106: Acute Systemic Infection and Fc γ Receptors in Alzheimer's Disease: An Immunosuppressive Environment. Alzheimer's and Dementia, 2016, 12, P859.	0.4	0
44	Microglial immunophenotype in dementia with Alzheimer's pathology. Journal of Neuroinflammation, 2016, 13, 135.	3.1	159
45	Heme-Hemopexin Scavenging Is Active in the Brain and Associates With Outcome After Subarachnoid Hemorrhage. Stroke, 2016, 47, 872-876.	1.0	46
46	Microglia regulate hippocampal neurogenesis during chronic neurodegeneration. Brain, Behavior, and Immunity, 2016, 55, 179-190.	2.0	90
47	Post-mortem analysis of neuroinflammatory changes in human Alzheimer's disease. Alzheimer's Research and Therapy, 2015, 7, 42.	3.0	99
48	F1-02-03: Microglia heterogeneity in the human Alzheimer's brain. , 2015, 11, P117-P117.		0
49	Novel association between microglia and stem cells in human gliomas: A contributor to tumour proliferation?. Journal of Pathology: Clinical Research, 2015, 1, 67-75.	1.3	6
50	Effect of amyloid β ($A\beta$) immunization on hyperphosphorylated tau: a potential role for glycogen synthase kinase (GSK β). Neuropathology and Applied Neurobiology, 2015, 41, 445-457.	1.8	17
51	Effect of active $A\beta$ immunotherapy on neurons in human Alzheimer's disease. Journal of Pathology, 2015, 235, 721-730.	2.1	31
52	Haemoglobin Scavenging After Subarachnoid Haemorrhage. Acta Neurochirurgica Supplementum, 2015, 120, 51-54.	0.5	15
53	$A\beta$ immunotherapy for Alzheimer's disease: effects on apoE and cerebral vasculopathy. Acta Neuropathologica, 2014, 128, 777-789.	3.9	44
54	P.1.d.001 Multi-immunostaining for microglial activation in schizophrenia. European Neuropsychopharmacology, 2014, 24, S188-S189.	0.3	0

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55	Rat astrocytic tumour cells are associated with an anti-inflammatory microglial phenotype in an organotypic model. <i>Neuropathology and Applied Neurobiology</i> , 2013, 39, 243-255.	1.8	4
56	Neuroinflammation in ageing and in neurodegenerative disease. <i>Neuropathology and Applied Neurobiology</i> , 2013, 39, 1-2.	1.8	9
57	Review: Activation patterns of microglia and their identification in the human brain. <i>Neuropathology and Applied Neurobiology</i> , 2013, 39, 3-18.	1.8	792
58	Inflammatory components in human Alzheimer's disease and after active amyloid- β 242 immunization. <i>Brain</i> , 2013, 136, 2677-2696.	3.7	234
59	Investigating Interventions in Alzheimer's Disease with Computer Simulation Models. <i>PLoS ONE</i> , 2013, 8, e73631.	1.1	28
60	The intrathecal CD163-haptoglobin-hemoglobin scavenging system in subarachnoid hemorrhage. <i>Journal of Neurochemistry</i> , 2012, 121, 785-792.	2.1	98
61	Microglial alterations in human Alzheimer's disease following A β 242 immunization. <i>Neuropathology and Applied Neurobiology</i> , 2011, 37, 513-524.	1.8	88
62	Synapses and Alzheimer's Disease: Effect of Immunotherapy?. , 2011, , 269-287.		0
63	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.	3.9	80
64	Neuropathology after active A β 242 immunotherapy: implications for Alzheimer's disease pathogenesis. <i>Acta Neuropathologica</i> , 2010, 120, 369-384.	3.9	122
65	Are we getting to grips with Alzheimer's disease at last?. <i>Brain</i> , 2010, 133, 1297-1299.	3.7	7
66	Inflammation in Alzheimer's disease: relevance to pathogenesis and therapy. <i>Alzheimer's Research and Therapy</i> , 2010, 2, 1.	3.0	189
67	Amyloid: Vascular and Parenchymal. , 2009, , 355-362.		2
68	Microvasculature changes and cerebral amyloid angiopathy in Alzheimer's disease and their potential impact on therapy. <i>Acta Neuropathologica</i> , 2009, 118, 87-102.	3.9	256
69	Long-term effects of A β 242 immunisation in Alzheimer's disease: follow-up of a randomised, placebo-controlled phase I trial. <i>Lancet</i> , The, 2008, 372, 216-223.	6.3	1,333
70	Amyloid- β 2 vaccination for Alzheimer's dementia - Authors' reply. <i>Lancet</i> , The, 2008, 372, 1381-1382.	6.3	11
71	Consequence of A β 2 immunization on the vasculature of human Alzheimer's disease brain. <i>Brain</i> , 2008, 131, 3299-3310.	3.7	283
72	A β 2 Species Removal After A β 242 Immunization. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 1040-1048.	0.9	260

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73	Immunotherapy for Alzheimer's Disease and Other Dementias. <i>Clinical Neuropharmacology</i> , 2006, 29, 22-27.	0.2	7
74	ISNI 2006 Abstracts. <i>Journal of Neuroimmunology</i> , 2006, 178, 1-271.	1.1	54
75	TGF β 1 regulates the inflammatory response during chronic neurodegeneration. <i>Neurobiology of Disease</i> , 2006, 22, 638-650.	2.1	88
76	Immunotherapy for Alzheimer's disease and other dementias. <i>Current Opinion in Neurology</i> , 2005, 18, 720-725.	1.8	17
77	MCP-1 and murine prion disease: Separation of early behavioural dysfunction from overt clinical disease. <i>Neurobiology of Disease</i> , 2005, 20, 283-295.	2.1	62
78	Mannose receptor expression specifically reveals perivascular macrophages in normal, injured, and diseased mouse brain. <i>Glia</i> , 2005, 49, 375-384.	2.5	160
79	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.	1.5	55
80	Neuropathologically distinct prion strains give rise to similar temporal profiles of behavioral deficits. <i>Neurobiology of Disease</i> , 2005, 18, 258-269.	2.1	74
81	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.	1.8	11
82	Synaptic changes characterize early behavioural signs in the ME7 model of murine prion disease. <i>European Journal of Neuroscience</i> , 2003, 17, 2147-2155.	1.2	243
83	Transforming Growth Factor- β 1-Mediated Neuroprotection against Excitotoxic Injury in Vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1174-1182.	2.4	114
84	Atypical inflammation in the central nervous system in prion disease. <i>Current Opinion in Neurology</i> , 2002, 15, 349-354.	1.8	159
85	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.	1.8	73
86	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.	3.9	16
87	Viral load and neuropathology in the SIV model. <i>Journal of NeuroVirology</i> , 1999, 5, 232-240.	1.0	40
88	Dissociation between viral load and neuropathology in the SIV model: Key role of glial cells. <i>Journal of Neuroimmunology</i> , 1998, 90, 63.	1.1	0
89	Neuropathology of Early HIV-1 Infection. <i>Brain Pathology</i> , 1996, 6, 1-12.	2.1	266
90	Virus load and neuropathology in the FIV model. <i>Journal of NeuroVirology</i> , 1996, 2, 377-387.	1.0	30

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91	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.	1.8	10
92	Differential perivascular microglial activation in the deep white matter in vascular dementia developed post-stroke. <i>Brain Pathology</i> , 0, , .	2.1	6