

# Kate L Lykke Lambertsen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83

papers

3,377

citations

30

h-index

57

g-index

91

ext. papers

4,211

ext. citations

6.1

avg, IF

5.34

L-index

#	Paper	IF	Citations
83	Inflammatory cytokines in experimental and human stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2012</b> , 32, 1677-98	7.3	456
82	Microglia protect neurons against ischemia by synthesis of tumor necrosis factor. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 1319-30	6.6	282
81	Microglia and macrophages are the major source of tumor necrosis factor in permanent middle cerebral artery occlusion in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2000</b> , 20, 53-65	7.3	263
80	Interleukin-1beta and tumor necrosis factor-alpha are expressed by different subsets of microglia and macrophages after ischemic stroke in mice. <i>Journal of Neuroinflammation</i> , <b>2008</b> , 5, 46	10.1	191
79	Post-stroke inflammation-target or tool for therapy?. <i>Acta Neuropathologica</i> , <b>2019</b> , 137, 693-714	14.3	150
78	A high-affinity, dimeric inhibitor of PSD-95 bivalently interacts with PDZ1-2 and protects against ischemic brain damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3317-22	11.5	136
77	A quantitative study of microglial-macrophage synthesis of tumor necrosis factor during acute and late focal cerebral ischemia in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2005</b> , 25, 119-35	7.3	110
76	Astrocytes play a key role in EAE pathophysiology by orchestrating in the CNS the inflammatory response of resident and peripheral immune cells and by suppressing remyelination. <i>Glia</i> , <b>2014</b> , 62, 452-87		96
75	Opposing Functions of Microglial and Macrophagic TNFR2 in the Pathogenesis of Experimental Autoimmune Encephalomyelitis. <i>Cell Reports</i> , <b>2017</b> , 18, 198-212	10.6	76
74	Changes in brain levels of N-acylethanolamines and 2-arachidonoylglycerol in focal cerebral ischemia in mice. <i>Journal of Neurochemistry</i> , <b>2007</b> , 103, 1907-16	6	76
73	Oligodendroglial TNFR2 Mediates Membrane TNF-Dependent Repair in Experimental Autoimmune Encephalomyelitis by Promoting Oligodendrocyte Differentiation and Remyelination. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 5128-43	6.6	75
72	Inflammation leads to distinct populations of extracellular vesicles from microglia. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 168	10.1	71
71	Cytokine-producing microglia have an altered beta-amyloid load in aged APP/PS1 Tg mice. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 48, 86-101	16.6	63
70	Systemically administered anti-TNF therapy ameliorates functional outcomes after focal cerebral ischemia. <i>Journal of Neuroinflammation</i> , <b>2014</b> , 11, 203	10.1	60
69	CSF transthyretin neuroprotection in a mouse model of brain ischemia. <i>Journal of Neurochemistry</i> , <b>2010</b> , 115, 1434-44	6	59
68	Microglial-macrophage synthesis of tumor necrosis factor after focal cerebral ischemia in mice is strain dependent. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2002</b> , 22, 785-97	7.3	57
67	A role for interferon-gamma in focal cerebral ischemia in mice. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2004</b> , 63, 942-55	3.1	56

66	Glutamate-system defects behind psychiatric manifestations in a familial hemiplegic migraine type 2 disease-mutation mouse model. <i>Scientific Reports</i> , <b>2016</b> , 6, 22047	4.9	52
65	Reactive microgliosis engages distinct responses by microglial subpopulations after minor central nervous system injury. <i>Journal of Neuroscience Research</i> , <b>2005</b> , 82, 507-14	4.4	51
64	Mass spectrometry imaging of biomarker lipids for phagocytosis and signalling during focal cerebral ischaemia. <i>Scientific Reports</i> , <b>2016</b> , 6, 39571	4.9	49
63	Central but not systemic administration of XPro1595 is therapeutic following moderate spinal cord injury in mice. <i>Journal of Neuroinflammation</i> , <b>2014</b> , 11, 159	10.1	48
62	Cell therapy centered on IL-1Ra is neuroprotective in experimental stroke. <i>Acta Neuropathologica</i> , <b>2016</b> , 131, 775-91	14.3	46
61	Genetic KCa3.1-deficiency produces locomotor hyperactivity and alterations in cerebral monoamine levels. <i>PLoS ONE</i> , <b>2012</b> , 7, e47744	3.7	42
60	A quantitative in situ hybridization and polymerase chain reaction study of microglial-macrophage expression of interleukin-1beta mRNA following permanent middle cerebral artery occlusion in mice. <i>Neuroscience</i> , <b>2005</b> , 132, 879-92	3.9	41
59	Microglia and macrophages express tumor necrosis factor receptor p75 following middle cerebral artery occlusion in mice. <i>Neuroscience</i> , <b>2007</b> , 144, 934-49	3.9	40
58	Validation of two reference genes for mRNA level studies of murine disease models in neurobiology. <i>Journal of Neuroscience Methods</i> , <b>2006</b> , 156, 101-10	3	38
57	Inhibition of astroglial NF-B enhances oligodendrogenesis following spinal cord injury. <i>Journal of Neuroinflammation</i> , <b>2013</b> , 10, 92	10.1	35
56	A specific and sensitive method for visualization of tumor necrosis factor in the murine central nervous system. <i>Brain Research Protocols</i> , <b>2001</b> , 7, 175-91		35
55	Differences in origin of reactive microglia in bone marrow chimeric mouse and rat after transient global ischemia. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2011</b> , 70, 481-94	3.1	32
54	The effect of stroke on immune function. <i>Molecular and Cellular Neurosciences</i> , <b>2013</b> , 53, 26-33	4.8	31
53	Fumarate decreases edema volume and improves functional outcome after experimental stroke. <i>Experimental Neurology</i> , <b>2017</b> , 295, 144-154	5.7	30
52	Genetic ablation of soluble tumor necrosis factor with preservation of membrane tumor necrosis factor is associated with neuroprotection after focal cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2016</b> , 36, 1553-69	7.3	30
51	Angiotensin AT2-receptor stimulation improves survival and neurological outcome after experimental stroke in mice. <i>Journal of Molecular Medicine</i> , <b>2016</b> , 94, 957-66	5.5	30
50	On-line monitoring of striatum glucose and lactate in the endothelin-1 rat model of transient focal cerebral ischemia using microdialysis and flow-injection analysis with biosensors. <i>Journal of Neuroscience Methods</i> , <b>2004</b> , 140, 93-101	3	28
49	Assembly, maturation, and degradation of the supraspinatus enthesis. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2018</b> , 27, 739-750	4.3	27

48	Endogenous IFN- $\beta$ signaling exerts anti-inflammatory actions in experimentally induced focal cerebral ischemia. <i>Journal of Neuroinflammation</i> , <b>2015</b> , 12, 211	10.1	26
47	Conditional ablation of myeloid TNF increases lesion volume after experimental stroke in mice, possibly via altered ERK1/2 signaling. <i>Scientific Reports</i> , <b>2016</b> , 6, 29291	4.9	23
46	Stimulation of adult oligodendrogenesis by myelin-specific T cells. <i>American Journal of Pathology</i> , <b>2011</b> , 179, 2028-41	5.8	22
45	Beneficial potential of intravenously administered IL-6 in improving outcome after murine experimental stroke. <i>Brain, Behavior, and Immunity</i> , <b>2017</b> , 65, 296-311	16.6	21
44	Characterization of the TNF and IL-1 systems in human brain and blood after ischemic stroke. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 81	7.3	21
43	Immunohistochemical visualization of neurons and specific glial cells for stereological application in the porcine neocortex. <i>Journal of Neuroscience Methods</i> , <b>2006</b> , 152, 229-42	3	20
42	Acute Neurofilament Light Chain Plasma Levels Correlate With Stroke Severity and Clinical Outcome in Ischemic Stroke Patients. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 448	4.1	19
41	Neurofilaments: The C-Reactive Protein of Neurology. <i>Brain Sciences</i> , <b>2020</b> , 10,	3.4	19
40	Tumor necrosis factor and its p55 and p75 receptors are not required for axonal lesion-induced microgliosis in mouse fascia dentata. <i>Glia</i> , <b>2006</b> , 54, 591-605	9	18
39	Myelin-specific T cells induce interleukin-1beta expression in lesion-reactive microglial-like cells in zones of axonal degeneration. <i>Glia</i> , <b>2016</b> , 64, 407-24	9	17
38	No effect of ablation of surfactant protein-D on acute cerebral infarction in mice. <i>Journal of Neuroinflammation</i> , <b>2014</b> , 11, 123	10.1	16
37	TNF deficiency causes alterations in the spatial organization of neurogenic zones and alters the number of microglia and neurons in the cerebral cortex. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 82, 279-297	16.6	15
36	Selectivity, efficacy and toxicity studies of UCCB01-144, a dimeric neuroprotective PSD-95 inhibitor. <i>Neuropharmacology</i> , <b>2019</b> , 150, 100-111	5.5	13
35	Induction of migraine-like headache, but not aura, by cilostazol in patients with migraine with aura. <i>Brain</i> , <b>2018</b> , 141, 2943-2951	11.2	11
34	Effect of Home-Based High-Intensity Interval Training in Patients With Lacunar Stroke: A Randomized Controlled Trial. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 664	4.1	10
33	Nuclear translocation of endonuclease G in degenerating neurons after permanent middle cerebral artery occlusion in mice. <i>Experimental Brain Research</i> , <b>2009</b> , 194, 17-27	2.3	10
32	TNF $\beta$ affects CREB-mediated neuroprotective signaling pathways of synaptic plasticity in neurons as revealed by proteomics and phospho-proteomics. <i>Oncotarget</i> , <b>2017</b> , 8, 60223-60242	3.3	10
31	Oligodendrocytes modulate the immune-inflammatory response in EAE via TNFR2 signaling. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 84, 132-146	16.6	10

30	BID Mediates Oxygen-Glucose Deprivation-Induced Neuronal Injury in Organotypic Hippocampal Slice Cultures and Modulates Tissue Inflammation in a Transient Focal Cerebral Ischemia Model without Changing Lesion Volume. <i>Frontiers in Cellular Neuroscience</i> , <b>2016</b> , 10, 14	6.1	10
29	Spontaneous ischaemic stroke lesions in a dog brain: neuropathological characterisation and comparison to human ischaemic stroke. <i>Acta Veterinaria Scandinavica</i> , <b>2017</b> , 59, 7	2	9
28	Neuronal Rho GTPase Rac1 elimination confers neuroprotection in a mouse model of permanent ischemic stroke. <i>Brain Pathology</i> , <b>2018</b> , 28, 569-580	6	9
27	Glyceraldehyde-3-phosphate dehydrogenase versus toluidine blue as a marker for infarct volume estimation following permanent middle cerebral artery occlusion in mice. <i>Experimental Brain Research</i> , <b>2006</b> , 175, 60-7	2.3	9
26	Established amyloid- $\beta$ pathology is unaffected by chronic treatment with the selective serotonin reuptake inhibitor paroxetine. <i>Alzheimers and Dementia: Translational Research and Clinical Interventions</i> , <b>2018</b> , 4, 215-223	6	9
25	Topical Administration of a Soluble TNF Inhibitor Reduces Infarct Volume After Focal Cerebral Ischemia in Mice. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 781	5.1	8
24	Interleukin-6 is increased in plasma and cerebrospinal fluid of community-dwelling domestic dogs with acute ischaemic stroke. <i>NeuroReport</i> , <b>2017</b> , 28, 134-140	1.7	8
23	Genetic Ablation of Soluble TNF Does Not Affect Lesion Size and Functional Recovery after Moderate Spinal Cord Injury in Mice. <i>Mediators of Inflammation</i> , <b>2016</b> , 2016, 2684098	4.3	7
22	Musculoskeletal application and validation of speckle-tracking ultrasonography. <i>BMC Musculoskeletal Disorders</i> , <b>2019</b> , 20, 192	2.8	6
21	Preserved Cerebral Microcirculation After Cardiac Arrest in a Rat Model. <i>Microcirculation</i> , <b>2015</b> , 22, 464-474	4.9	6
20	The inflammatory response of the supraspinatus muscle in rotator cuff tear conditions. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2021</b> , 30, e261-e275	4.3	5
19	Deficiency of T-type voltage-gated calcium channels results in attenuated weight gain and improved endothelium-dependent dilatation of resistance vessels induced by a high-fat diet in mice. <i>Journal of Physiology and Biochemistry</i> , <b>2020</b> , 76, 135-145	5	4
18	Conditional Ablation of Myeloid TNF Improves Functional Outcome and Decreases Lesion Size after Spinal Cord Injury in Mice. <i>Cells</i> , <b>2020</b> , 9,	7.9	3
17	The loss-of-function disease-mutation G301R in the Na/K-ATPase $\beta$ isoform decreases lesion volume and improves functional outcome after acute spinal cord injury in mice. <i>BMC Neuroscience</i> , <b>2017</b> , 18, 66	3.2	3
16	Diagnosis and long-term outcome in dogs with acute onset intracranial signs. <i>Journal of Small Animal Practice</i> , <b>2020</b> , 61, 101-109	1.6	3
15	Elevation of Inflammatory Cytokines and Proteins after Intra-Articular Ankle Fracture: A Cross-Sectional Study of 47 Ankle Fracture Patients. <i>Mediators of Inflammation</i> , <b>2021</b> , 2021, 8897440	4.3	3
14	Tadalafil may improve cerebral perfusion in small-vessel occlusion stroke-a pilot study. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa020	4.5	2
13	Association of acute inflammatory cytokines, fracture malreduction, and functional outcome 12 months after intra-articular ankle fracture-a prospective cohort study of 46 patients with ankle fractures. <i>Journal of Orthopaedic Surgery and Research</i> , <b>2021</b> , 16, 338	2.8	2

12	The Role of Non-Selective TNF Inhibitors in Demyelinating Events. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	2
11	An exploratory investigation of 'depression-like' behaviours in a model of left-sided distal middle cerebral artery occlusion in young, male C57B6 mice. <i>F1000Research</i> , <b>7</b> , 1430	3.6	1
10	Supraspinatus and deltoid muscle fiber composition in rotator cuff tear conditions. <i>JSES International</i> , <b>2020</b> , 4, 431-437	1.2	1
9	Tumor Necrosis Factor (TNF) Is Required for Spatial Learning and Memory in Male Mice under Physiological, but Not Immune-Challenged Conditions. <i>Cells</i> , <b>2021</b> , 10,	7.9	1
8	Decellularised Human Umbilical Artery as a Vascular Graft Elicits Minimal Pro-Inflammatory Host Response Ex Vivo and In Vivo. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
7	Pyrin Inflammasome Activation Abrogates Interleukin-1 Receptor Antagonist, Suggesting a New Mechanism Underlying Familial Mediterranean Fever Pathogenesis. <i>Arthritis and Rheumatology</i> , <b>2021</b> , 73, 2116-2126	9.5	1
6	Systemic inflammatory response in robot-assisted and laparoscopic surgery for colon cancer (SIRIRALS): study protocol of a randomized controlled trial. <i>BMC Surgery</i> , <b>2021</b> , 21, 363	2.3	0
5	Interleukin-1 Mediates Ischemic Brain Injury via Induction of IL-17A in T Cells and CXCL1 in Astrocytes.. <i>NeuroMolecular Medicine</i> , <b>2022</b> , 1	4.6	0
4	Inflammatory profiles in plasma and cerebrospinal fluid of patients with neurosarcoidosis.. <i>Journal of Neuroimmunology</i> , <b>2022</b> , 367, 577849	3.5	0
3	The Role of Tumor Necrosis Factor Following Spinal Cord Injury: A Systematic Review. <i>Cellular and Molecular Neurobiology</i> ,	4.6	0
2	A Detrimental Role of MIF in Ischemic Brain Damage <b>2012</b> , 361-375		
1	Distal middle cerebral artery occlusion does not result in depression-like behaviours. <i>F1000Research</i> , <b>7</b> , 1430	3.6	