Kate L Lykke Lambertsen

List of Publications by Year in Descending Order

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	Interleukin-1 Mediates Ischemic Brain Injury via Induction of IL-17A in □T Cells and CXCL1 in Astrocytes.. *NeuroMolecular Medicine*, **2022**, 1	4.6	0
82	Inflammatory profiles in plasma and cerebrospinal fluid of patients with neurosarcoidosis.. *Journal of Neuroimmunology*, **2022**, 367, 577849	3.5	0
81	Systemic inflammatory response in robot-assisted and laparoscopic surgery for colon cancer (SIRIRALS): study protocol of a randomized controlled trial. *BMC Surgery*, **2021**, 21, 363	2.3	0
80	Tumor Necrosis Factor (TNF) Is Required for Spatial Learning and Memory in Male Mice under Physiological, but Not Immune-Challenged Conditions. *Cells*, **2021**, 10,	7.9	1
79	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. *Journal of Orthopaedic Surgery and Research*, **2021**, 16, 338	2.8	2
78	The inflammatory response of the supraspinatus muscle in rotator cuff tear conditions. *Journal of Shoulder and Elbow Surgery*, **2021**, 30, e261-e275	4.3	5
77	Elevation of Inflammatory Cytokines and Proteins after Intra-Articular Ankle Fracture: A Cross-Sectional Study of 47 Ankle Fracture Patients. *Mediators of Inflammation*, **2021**, 2021, 8897440	4.3	3
76	Decellularised Human Umbilical Artery as a Vascular Graft Elicits Minimal Pro-Inflammatory Host Response Ex Vivo and In Vivo. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
75	Pyrin Inflammasome Activation Abrogates Interleukin-1 Receptor Antagonist, Suggesting a New Mechanism Underlying Familial Mediterranean Fever Pathogenesis. *Arthritis and Rheumatology*, **2021**, 73, 2116-2126	9.5	1
74	The Role of Non-Selective TNF Inhibitors in Demyelinating Events. *Brain Sciences*, **2021**, 11,	3.4	2
73	Conditional Ablation of Myeloid TNF Improves Functional Outcome and Decreases Lesion Size after Spinal Cord Injury in Mice. *Cells*, **2020**, 9,	7.9	3
72	Acute Neurofilament Light Chain Plasma Levels Correlate With Stroke Severity and Clinical Outcome in Ischemic Stroke Patients. *Frontiers in Neurology*, **2020**, 11, 448	4.1	19
71	Characterization of the TNF and IL-1 systems in human brain and blood after ischemic stroke. *Acta Neuropathologica Communications*, **2020**, 8, 81	7.3	21
70	Neurofilaments: The C-Reactive Protein of Neurology. *Brain Sciences*, **2020**, 10,	3.4	19
69	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. *Journal of Physiology and Biochemistry*, **2020**, 76, 135-145	5	4
68	Diagnosis and long-term outcome in dogs with acute onset intracranial signs. *Journal of Small Animal Practice*, **2020**, 61, 101-109	1.6	3
67	Oligodendrocytes modulate the immune-inflammatory response in EAE via TNFR2 signaling. *Brain, Behavior, and Immunity*, **2020**, 84, 132-146	16.6	10

66	Supraspinatus and deltoid muscle fiber composition in rotator cuff tear conditions. *JSES International*, **2020**, 4, 431-437	1.2	1
65	Tadalafil may improve cerebral perfusion in small-vessel occlusion stroke-a pilot study. *Brain Communications*, **2020**, 2, fcaa020	4.5	2
64	TNF deficiency causes alterations in the spatial organization of neurogenic zones and alters the number of microglia and neurons in the cerebral cortex. *Brain, Behavior, and Immunity*, **2019**, 82, 279-297	16.6	15
63	Musculoskeletal application and validation of speckle-tracking ultrasonography. *BMC Musculoskeletal Disorders*, **2019**, 20, 192	2.8	6
62	Topical Administration of a Soluble TNF Inhibitor Reduces Infarct Volume After Focal Cerebral Ischemia in Mice. *Frontiers in Neuroscience*, **2019**, 13, 781	5.1	8
61	Effect of Home-Based High-Intensity Interval Training in Patients With Lacunar Stroke: A Randomized Controlled Trial. *Frontiers in Neurology*, **2019**, 10, 664	4.1	10
60	Selectivity, efficacy and toxicity studies of UCCB01-144, a dimeric neuroprotective PSD-95 inhibitor. *Neuropharmacology*, **2019**, 150, 100-111	5.5	13
59	Post-stroke inflammation-target or tool for therapy?. *Acta Neuropathologica*, **2019**, 137, 693-714	14.3	150
58	Assembly, maturation, and degradation of the supraspinatus enthesis. *Journal of Shoulder and Elbow Surgery*, **2018**, 27, 739-750	4.3	27
57	Neuronal Rho GTPase Rac1 elimination confers neuroprotection in a mouse model of permanent ischemic stroke. *Brain Pathology*, **2018**, 28, 569-580	6	9
56	Inflammation leads to distinct populations of extracellular vesicles from microglia. *Journal of Neuroinflammation*, **2018**, 15, 168	10.1	71
55	Induction of migraine-like headache, but not aura, by cilostazol in patients with migraine with aura. *Brain*, **2018**, 141, 2943-2951	11.2	11
54	Established amyloid-β pathology is unaffected by chronic treatment with the selective serotonin reuptake inhibitor paroxetine. *Alzheimer's and Dementia: Translational Research and Clinical Interventions*, **2018**, 4, 215-223	6	9
53	Opposing Functions of Microglial and Macrophagic TNFR2 in the Pathogenesis of Experimental Autoimmune Encephalomyelitis. *Cell Reports*, **2017**, 18, 198-212	10.6	76
52	Spontaneous ischaemic stroke lesions in a dog brain: neuropathological characterisation and comparison to human ischaemic stroke. *Acta Veterinaria Scandinavica*, **2017**, 59, 7	2	9
51	Beneficial potential of intravenously administered IL-6 in improving outcome after murine experimental stroke. *Brain, Behavior, and Immunity*, **2017**, 65, 296-311	16.6	21
50	Fumarate decreases edema volume and improves functional outcome after experimental stroke. *Experimental Neurology*, **2017**, 295, 144-154	5.7	30
49	Interleukin-6 is increased in plasma and cerebrospinal fluid of community-dwelling domestic dogs with acute ischaemic stroke. *NeuroReport*, **2017**, 28, 134-140	1.7	8

48	The loss-of-function disease-mutation G301R in the Na/K-ATPase isoform decreases lesion volume and improves functional outcome after acute spinal cord injury in mice. *BMC Neuroscience*, **2017**, 18, 66	3.2	3
47	TNF affects CREB-mediated neuroprotective signaling pathways of synaptic plasticity in neurons as revealed by proteomics and phospho-proteomics. *Oncotarget*, **2017**, 8, 60223-60242	3.3	10
46	Genetic ablation of soluble tumor necrosis factor with preservation of membrane tumor necrosis factor is associated with neuroprotection after focal cerebral ischemia. *Journal of Cerebral Blood Flow and Metabolism*, **2016**, 36, 1553-69	7.3	30
45	Cell therapy centered on IL-1Ra is neuroprotective in experimental stroke. *Acta Neuropathologica*, **2016**, 131, 775-91	14.3	46
44	Genetic Ablation of Soluble TNF Does Not Affect Lesion Size and Functional Recovery after Moderate Spinal Cord Injury in Mice. *Mediators of Inflammation*, **2016**, 2016, 2684098	4.3	7
43	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. *Frontiers in Cellular Neuroscience*, **2016**, 10, 14	6.1	10
42	Myelin-specific T cells induce interleukin-1beta expression in lesion-reactive microglial-like cells in zones of axonal degeneration. *Glia*, **2016**, 64, 407-24	9	17
41	Glutamate-system defects behind psychiatric manifestations in a familial hemiplegic migraine type 2 disease-mutation mouse model. *Scientific Reports*, **2016**, 6, 22047	4.9	52
40	Mass spectrometry imaging of biomarker lipids for phagocytosis and signalling during focal cerebral ischaemia. *Scientific Reports*, **2016**, 6, 39571	4.9	49
39	Conditional ablation of myeloid TNF increases lesion volume after experimental stroke in mice, possibly via altered ERK1/2 signaling. *Scientific Reports*, **2016**, 6, 29291	4.9	23
38	Oligodendroglial TNFR2 Mediates Membrane TNF-Dependent Repair in Experimental Autoimmune Encephalomyelitis by Promoting Oligodendrocyte Differentiation and Remyelination. *Journal of Neuroscience*, **2016**, 36, 5128-43	6.6	75
37	Angiotensin AT2-receptor stimulation improves survival and neurological outcome after experimental stroke in mice. *Journal of Molecular Medicine*, **2016**, 94, 957-66	5.5	30
36	Cytokine-producing microglia have an altered beta-amyloid load in aged APP/PS1 Tg mice. *Brain, Behavior, and Immunity*, **2015**, 48, 86-101	16.6	63
35	Endogenous IFN- signaling exerts anti-inflammatory actions in experimentally induced focal cerebral ischemia. *Journal of Neuroinflammation*, **2015**, 12, 211	10.1	26
34	Preserved Cerebral Microcirculation After Cardiac Arrest in a Rat Model. *Microcirculation*, **2015**, 22, 464-74	2.9	6
33	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. *Glia*, **2014**, 62, 452-67	8	96
32	No effect of ablation of surfactant protein-D on acute cerebral infarction in mice. *Journal of Neuroinflammation*, **2014**, 11, 123	10.1	16
31	Central but not systemic administration of XPro1595 is therapeutic following moderate spinal cord injury in mice. *Journal of Neuroinflammation*, **2014**, 11, 159	10.1	48

30	Systemically administered anti-TNF therapy ameliorates functional outcomes after focal cerebral ischemia. *Journal of Neuroinflammation*, **2014**, 11, 203	10.1	60
29	The effect of stroke on immune function. *Molecular and Cellular Neurosciences*, **2013**, 53, 26-33	4.8	31
28	Inhibition of astroglial NF-B enhances oligodendrogenesis following spinal cord injury. *Journal of Neuroinflammation*, **2013**, 10, 92	10.1	35
27	Inflammatory cytokines in experimental and human stroke. *Journal of Cerebral Blood Flow and Metabolism*, **2012**, 32, 1677-98	7.3	456
26	A high-affinity, dimeric inhibitor of PSD-95 bivalently interacts with PDZ1-2 and protects against ischemic brain damage. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 3317-22	11.5	136
25	A Detrimental Role of MIF in Ischemic Brain Damage **2012**, 361-375		
24	Genetic KCa3.1-deficiency produces locomotor hyperactivity and alterations in cerebral monoamine levels. *PLoS ONE*, **2012**, 7, e47744	3.7	42
23	Stimulation of adult oligodendrogenesis by myelin-specific T cells. *American Journal of Pathology*, **2011**, 179, 2028-41	5.8	22
22	Differences in origin of reactive microglia in bone marrow chimeric mouse and rat after transient global ischemia. *Journal of Neuropathology and Experimental Neurology*, **2011**, 70, 481-94	3.1	32
21	CSF transthyretin neuroprotection in a mouse model of brain ischemia. *Journal of Neurochemistry*, **2010**, 115, 1434-44	6	59
20	Microglia protect neurons against ischemia by synthesis of tumor necrosis factor. *Journal of Neuroscience*, **2009**, 29, 1319-30	6.6	282
19	Nuclear translocation of endonuclease G in degenerating neurons after permanent middle cerebral artery occlusion in mice. *Experimental Brain Research*, **2009**, 194, 17-27	2.3	10
18	Interleukin-1beta and tumor necrosis factor-alpha are expressed by different subsets of microglia and macrophages after ischemic stroke in mice. *Journal of Neuroinflammation*, **2008**, 5, 46	10.1	191
17	Changes in brain levels of N-acylethanolamines and 2-arachidonoylglycerol in focal cerebral ischemia in mice. *Journal of Neurochemistry*, **2007**, 103, 1907-16	6	76
16	Microglia and macrophages express tumor necrosis factor receptor p75 following middle cerebral artery occlusion in mice. *Neuroscience*, **2007**, 144, 934-49	3.9	40
15	Glyceraldehyde-3-phosphate dehydrogenase versus toluidine blue as a marker for infarct volume estimation following permanent middle cerebral artery occlusion in mice. *Experimental Brain Research*, **2006**, 175, 60-7	2.3	9
14	Tumor necrosis factor and its p55 and p75 receptors are not required for axonal lesion-induced microgliosis in mouse fascia dentata. *Glia*, **2006**, 54, 591-605	9	18
13	Immunohistochemical visualization of neurons and specific glial cells for stereological application in the porcine neocortex. *Journal of Neuroscience Methods*, **2006**, 152, 229-42	3	20

12	Validation of two reference genes for mRNA level studies of murine disease models in neurobiology. *Journal of Neuroscience Methods*, **2006**, 156, 101-10	3	38
11	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. *Neuroscience*, **2005**, 132, 879-92	3.9	41
10	A quantitative study of microglial-macrophage synthesis of tumor necrosis factor during acute and late focal cerebral ischemia in mice. *Journal of Cerebral Blood Flow and Metabolism*, **2005**, 25, 119-35	7.3	110
9	Reactive microgliosis engages distinct responses by microglial subpopulations after minor central nervous system injury. *Journal of Neuroscience Research*, **2005**, 82, 507-14	4.4	51
8	A role for interferon-gamma in focal cerebral ischemia in mice. *Journal of Neuropathology and Experimental Neurology*, **2004**, 63, 942-55	3.1	56
7	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. *Journal of Neuroscience Methods*, **2004**, 140, 93-101	3	28
6	Microglial-macrophage synthesis of tumor necrosis factor after focal cerebral ischemia in mice is strain dependent. *Journal of Cerebral Blood Flow and Metabolism*, **2002**, 22, 785-97	7.3	57
5	A specific and sensitive method for visualization of tumor necrosis factor in the murine central nervous system. *Brain Research Protocols*, **2001**, 7, 175-91		35
4	Microglia and macrophages are the major source of tumor necrosis factor in permanent middle cerebral artery occlusion in mice. *Journal of Cerebral Blood Flow and Metabolism*, **2000**, 20, 53-65	7.3	263
3	Distal middle cerebral artery occlusion does not result in depression-like behaviours. *F1000Research*,7, 1430	3.6	
2	An exploratory investigation of depression-like behaviours in a model of left-sided distal middle cerebral artery occlusion in young, male C57B6 mice. *F1000Research*,7, 1430	3.6	1
1	The Role of Tumor Necrosis Factor Following Spinal Cord Injury: A Systematic Review. *Cellular and Molecular Neurobiology*,	4.6	0