

Ulrich L M Eisel

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.

93
papers

3,712
citations

31
h-index

59
g-index

94
ext. papers

4,208
ext. citations

5.9
avg, IF

4.98
L-index

#	Paper	IF	Citations
93	Neurodegenerative and neuroprotective effects of tumor Necrosis Factor (TNF) in retinal ischemia: opposite roles of TNF receptor 1 and TNF receptor 2. <i>Journal of Neuroscience</i> , 2002 , 22, RC216	6.6	348
92	Tumor necrosis factor (TNF)-mediated neuroprotection against glutamate-induced excitotoxicity is enhanced by N-methyl-D-aspartate receptor activation. Essential role of a TNF receptor 2-mediated phosphatidylinositol 3-kinase-dependent NF-kappa B pathway. <i>Journal of Biological Chemistry</i> , 2004 , 279, 32869-81	5.4	314
91	Tetanus toxin action: inhibition of neurotransmitter release linked to synaptobrevin proteolysis. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 189, 1017-23	3.4	262
90	Statins: mechanisms of neuroprotection. <i>Progress in Neurobiology</i> , 2009 , 88, 64-75	10.9	196
89	Tumor necrosis factor receptor cross-talk. <i>FEBS Journal</i> , 2011 , 278, 888-98	5.7	175
88	Inflammation and NF-kappaB in Alzheimer's disease and diabetes. <i>Journal of Alzheimers Disease</i> , 2009 , 16, 809-21	4.3	132
87	Lipocalin 2: novel component of proinflammatory signaling in Alzheimer's disease. <i>FASEB Journal</i> , 2012 , 26, 2811-23	0.9	117
86	Brain Endothelial- and Epithelial-Specific Interferon Receptor Chain 1 Drives Virus-Induced Sickness Behavior and Cognitive Impairment. <i>Immunity</i> , 2016 , 44, 901-12	32.3	97
85	The role of indoleamine 2,3-dioxygenase in a mouse model of neuroinflammation-induced depression. <i>Journal of Alzheimers Disease</i> , 2012 , 28, 905-15	4.3	86
84	Essential protective role of tumor necrosis factor receptor 2 in neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 12304-12309	11.5	82
83	In silico study of full-length amyloid beta 1-42 tri- and penta-oligomers in solution. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 11710-9	3.4	79
82	TetR is a positive regulator of the tetanus toxin gene in <i>Clostridium tetani</i> and is homologous to botR. <i>Infection and Immunity</i> , 1998 , 66, 5698-702	3.7	70
81	Selective Modulation of TNF-TNFRs Signaling: Insights for Multiple Sclerosis Treatment. <i>Frontiers in Immunology</i> , 2018 , 9, 925	8.4	65
80	Cloning and characterization of promoter and 5'-UTR of the NMDA receptor subunit epsilon 2: evidence for alternative splicing of 5'-non-coding exon. <i>Gene</i> , 1998 , 208, 259-69	3.8	65
79	Neuronal AKAP150 coordinates PKA and Epac-mediated PKB/Akt phosphorylation. <i>Cellular Signalling</i> , 2008 , 20, 1715-24	4.9	65
78	TNF-alpha-mediates neuroprotection against glutamate-induced excitotoxicity via NF-kappaB-dependent up-regulation of K2.2 channels. <i>Journal of Neurochemistry</i> , 2008 , 107, 1158-67	6	56
77	Integrative neurobiology of metabolic diseases, neuroinflammation, and neurodegeneration. <i>Frontiers in Neuroscience</i> , 2015 , 9, 173	5.1	55

76	Interleukin-6 upregulates neuronal adenosine A1 receptors: implications for neuromodulation and neuroprotection. <i>Neuropsychopharmacology</i> , 2008 , 33, 2237-50	8.7	54
75	A novel brain receptor is expressed in a distinct population of olfactory sensory neurons. <i>European Journal of Neuroscience</i> , 2000 , 12, 3926-34	3.5	54
74	Neutrophil gelatinase-associated lipocalin: a novel inflammatory marker associated with late-life depression. <i>Journal of Psychosomatic Research</i> , 2013 , 75, 444-50	4.1	53
73	Immune and neurotrophin stimulation by electroconvulsive therapy: is some inflammation needed after all?. <i>Translational Psychiatry</i> , 2015 , 5, e609	8.6	49
72	Depression after myocardial infarction: TNF- α -induced alterations of the blood-brain barrier and its putative therapeutic implications. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 561-72	9	49
71	Biomarker approaches in major depressive disorder evaluated in the context of current hypotheses. <i>Biomarkers in Medicine</i> , 2015 , 9, 277-97	2.3	47
70	Exogenous mRNA encoding tetanus or botulinum neurotoxins expressed in Aplysia neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 7844-8	11.5	46
69	Lovastatin induces neuroprotection through tumor necrosis factor receptor 2 signaling pathways. <i>Journal of Alzheimers Disease</i> , 2008 , 13, 111-22	4.3	45
68	Neuroprotective and neurodegenerative effects of the chronic expression of tumor necrosis factor α in the nigrostriatal dopaminergic circuit of adult mice. <i>Experimental Neurology</i> , 2011 , 227, 237-51	5.7	43
67	KCa ₂ channels activation prevents [Ca ²⁺] _i deregulation and reduces neuronal death following glutamate toxicity and cerebral ischemia. <i>Cell Death and Disease</i> , 2011 , 2, e147	9.8	40
66	Chronic inflammation and protection from acute hepatitis in transgenic mice expressing TNF in endothelial cells. <i>Journal of Immunology</i> , 2001 , 167, 3944-52	5.3	40
65	Exchange protein activated by cyclic AMP 2 (Epac2) plays a specific and time-limited role in memory retrieval. <i>Hippocampus</i> , 2010 , 20, 1018-26	3.5	35
64	A-kinase anchoring protein 150 in the mouse brain is concentrated in areas involved in learning and memory. <i>Brain Research</i> , 2007 , 1145, 97-107	3.7	34
63	KBP interacts with SCG10, linking Goldberg-Shprintzen syndrome to microtubule dynamics and neuronal differentiation. <i>Human Molecular Genetics</i> , 2010 , 19, 3642-51	5.6	33
62	Analysis of cognition, motor performance and anxiety in young and aged tumor necrosis factor alpha receptor 1 and 2 deficient mice. <i>Behavioural Brain Research</i> , 2014 , 258, 43-51	3.4	30
61	Calpain inhibition prevents amyloid-beta-induced neurodegeneration and associated behavioral dysfunction in rats. <i>Neuropharmacology</i> , 2010 , 59, 334-42	5.5	29
60	Targeting TNFR2 as a Novel Therapeutic Strategy for Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2019 , 13, 49	5.1	28
59	The role of neutrophil gelatinase associated lipocalin (NGAL) as biological constituent linking depression and cardiovascular disease. <i>Brain, Behavior, and Immunity</i> , 2015 , 46, 23-32	16.6	28

58	Neutrophil Gelatinase-Associated Lipocalin and depression in patients with chronic heart failure. <i>Brain, Behavior, and Immunity</i> , 2014 , 38, 59-65	16.6	28
57	Transgenic inhibition of neuronal calcineurin activity in the forebrain facilitates fear conditioning, but inhibits the extinction of contextual fear memories. <i>Neurobiology of Learning and Memory</i> , 2008 , 89, 595-8	3.1	28
56	Regulated appearance of NMDA receptor subunits and channel functions during in vitro neuronal differentiation. <i>Journal of Neurobiology</i> , 2002 , 51, 54-65		28
55	K(Ca) ₂ and k(ca) ₃ channels in learning and memory processes, and neurodegeneration. <i>Frontiers in Pharmacology</i> , 2012 , 3, 107	5.6	27
54	Neuroinflammation in Alzheimer's disease and major depression. <i>Biological Psychiatry</i> , 2010 , 67, 503-4	7.9	27
53	Pretreatment with lovastatin prevents N-methyl-D-aspartate-induced neurodegeneration in the magnocellular nucleus basalis and behavioral dysfunction. <i>Journal of Alzheimers Disease</i> , 2009 , 17, 327-36 ³	4.3	27
52	Anti-TNFR1 targeting in humanized mice ameliorates disease in a model of multiple sclerosis. <i>Scientific Reports</i> , 2018 , 8, 13628	4.9	26
51	LPYFDa neutralizes amyloid-beta-induced memory impairment and toxicity. <i>Journal of Alzheimers Disease</i> , 2010 , 19, 991-1005	4.3	25
50	Effects of Vinpocetine on mitochondrial function and neuroprotection in primary cortical neurons. <i>Neurochemistry International</i> , 2008 , 53, 289-95	4.4	24
49	Inflammation and Oxidative Stress in Multiple Sclerosis: Consequences for Therapy Development. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 7191080	6.7	22
48	Inhibition of PKA anchoring to A-kinase anchoring proteins impairs consolidation and facilitates extinction of contextual fear memories. <i>Neurobiology of Learning and Memory</i> , 2008 , 90, 223-9	3.1	22
47	Neutrophil Gelatinase-Associated Lipocalin and its Receptors in Alzheimer's Disease (AD) Brain Regions: Differential Findings in AD with and without Depression. <i>Journal of Alzheimers Disease</i> , 2017 , 55, 763-776	4.3	22
46	Lipocalin 2 contributes to brain iron dysregulation but does not affect cognition, plaque load, and glial activation in the J20 Alzheimer mouse model. <i>Journal of Neuroinflammation</i> , 2018 , 15, 330	10.1	21
45	Schedule of NMDA receptor subunit expression and functional channel formation in the course of in vitro-induced neurogenesis. <i>Journal of Neurochemistry</i> , 2001 , 77, 1444-56	6	20
44	The combination of vitamins and omega-3 fatty acids has an enhanced anti-inflammatory effect on microglia. <i>Neurochemistry International</i> , 2016 , 99, 206-214	4.4	20
43	Serum NGAL is Associated with Distinct Plasma Amyloid- β Peptides According to the Clinical Diagnosis of Dementia in Down Syndrome. <i>Journal of Alzheimers Disease</i> , 2015 , 45, 733-43	4.3	17
42	Nitric oxide dysregulation in patients with heart failure: the association of depressive symptoms with L-arginine, asymmetric dimethylarginine, symmetric dimethylarginine, and isoprostane. <i>Psychosomatic Medicine</i> , 2015 , 77, 292-302	3.7	17
41	Exogenous activation of tumor necrosis factor receptor 2 promotes recovery from sensory and motor disease in a model of multiple sclerosis. <i>Brain, Behavior, and Immunity</i> , 2019 , 81, 247-259	16.6	16

40	Sex-specific associations between Neutrophil Gelatinase-Associated Lipocalin (NGAL) and cognitive domains in late-life depression. <i>Psychoneuroendocrinology</i> , 2014 , 48, 169-77	5	16
39	Targeting of Tumor Necrosis Factor Alpha Receptors as a Therapeutic Strategy for Neurodegenerative Disorders. <i>Antibodies</i> , 2015 , 4, 369-408	7	16
38	TNF-overexpression in Borna disease virus-infected mouse brains triggers inflammatory reaction and epileptic seizures. <i>PLoS ONE</i> , 2012 , 7, e41476	3.7	15
37	Long-term NR2B expression in the cerebellum alters granule cell development and leads to NR2A down-regulation and motor deficits. <i>Molecular and Cellular Neurosciences</i> , 2004 , 27, 215-26	4.8	15
36	Both exposure to a novel context and associative learning induce an upregulation of AKAP150 protein in mouse hippocampus. <i>Neurobiology of Learning and Memory</i> , 2007 , 87, 693-6	3.1	14
35	Depression and markers of inflammation as predictors of all-cause mortality in heart failure. <i>Brain, Behavior, and Immunity</i> , 2016 , 57, 144-150	16.6	13
34	Expression of CXCL10 in cultured cortical neurons. <i>Journal of Neurochemistry</i> , 2010 , 112, 703-14	6	13
33	Mouse repeated electroconvulsive seizure (ECS) does not reverse social stress effects but does induce behavioral and hippocampal changes relevant to electroconvulsive therapy (ECT) side-effects in the treatment of depression. <i>PLoS ONE</i> , 2017 , 12, e0184603	3.7	12
32	Regulation of the murine NMDA-receptor-subunit NR2C promoter by Sp1 and fushi tarazu factor1 (FTZ-F1) homologues. <i>European Journal of Neuroscience</i> , 1999 , 11, 2083-92	3.5	12
31	Evaluating [C]PBR28 PET for Monitoring Gut and Brain Inflammation in a Rat Model of Chemically Induced Colitis. <i>Molecular Imaging and Biology</i> , 2017 , 19, 68-76	3.8	11
30	Electroconvulsive seizures (ECS) do not prevent LPS-induced behavioral alterations and microglial activation. <i>Journal of Neuroinflammation</i> , 2015 , 12, 232	10.1	11
29	Iron chelators inhibit amyloid- β -induced production of lipocalin 2 in cultured astrocytes. <i>Neurochemistry International</i> , 2020 , 132, 104607	4.4	11
28	Cholinergic cells in the nucleus basalis of mice express the N-methyl-D-aspartate-receptor subunit NR2C and its replacement by the NR2B subunit enhances frontal and amygdaloid acetylcholine levels. <i>Genes, Brain and Behavior</i> , 2006 , 5, 552-60	3.6	10
27	Life and Death of Nerve Cells: Therapeutic Cytokine Signaling Pathways. <i>Current Signal Transduction Therapy</i> , 2006 , 1, 133-146	0.8	10
26	Anti-inflammatory effects of rice bran components. <i>Nutrition Reviews</i> , 2018 , 76, 372-379	6.4	9
25	Statins--increasing or reducing the risk of Parkinson's disease?. <i>Experimental Neurology</i> , 2011 , 228, 1-4	5.7	9
24	Expression of tetanus toxin subfragments in vitro and characterization of epitopes. <i>Infection and Immunity</i> , 1989 , 57, 3498-505	3.7	9
23	The continued need for animals to advance brain research. <i>Neuron</i> , 2021 , 109, 2374-2379	13.9	9

22	Influence of diamond crystal orientation on the interaction with biological matter. <i>Carbon</i> , 2020 , 162, 1-12	10.4	8
21	NGAL and other markers of inflammation as competitive or complementary markers for depressive symptom dimensions in heart failure. <i>World Journal of Biological Psychiatry</i> , 2015 , 16, 536-41	3.8	7
20	Alzheimer's disease pathogenesis: The role of disturbed sleep in attenuated brain plasticity and neurodegenerative processes. <i>Cellular Signalling</i> , 2019 , 64, 109420	4.9	6
19	The cytotoxin of <i>Pseudomonas aeruginosa</i> : cytotoxicity requires proteolytic activation. <i>Archives of Microbiology</i> , 1990 , 153, 561-8	3	6
18	Lipocalin 2 as a link between ageing, risk factor conditions and age-related brain diseases. <i>Ageing Research Reviews</i> , 2021 , 70, 101414	12	6
17	NR2C by NR2B subunit exchange in juvenile mice affects emotionality and 5-HT in the frontal cortex. <i>Genes, Brain and Behavior</i> , 2007 , 6, 465-72	3.6	5
16	Immunization with Small Amyloid-Derived Cyclopeptide Conjugates Diminishes Amyloid-Induced Neurodegeneration in Mice. <i>Journal of Alzheimers Disease</i> , 2016 , 52, 1111-23	4.3	5
15	Hippocampal microglia modifications in C57Bl/6 Pah and BTBR Pah phenylketonuria (PKU) mice depend on the genetic background, irrespective of disturbed sleep patterns. <i>Neurobiology of Learning and Memory</i> , 2019 , 160, 139-143	3.1	4
14	Major depressive disorder is associated with changes in a cluster of serum and urine biomarkers. <i>Journal of Psychosomatic Research</i> , 2019 , 125, 109796	4.1	4
13	Dynamics of neutrophil gelatinase-associated lipocalin plasma and cerebrospinal fluid concentrations in older males. <i>European Journal of Clinical Investigation</i> , 2017 , 47, e12853	4.6	4
12	TNFR2 - target for therapeutics against neurodegenerative diseases?. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 691, 567-73	3.6	4
11	Braak staging in mouse models of Alzheimer's disease. <i>American Journal of Pathology</i> , 2010 , 177, 1603-55.8		4
10	Selective Blocking of TNF Receptor 1 Attenuates Peritoneal Dialysis Fluid Induced Inflammation of the Peritoneum in Mice. <i>PLoS ONE</i> , 2016 , 11, e0163314	3.7	4
9	Aging of the Brain 2013 , 2239-2272		3
8	Lack of NMDA receptor subunit exchange alters Purkinje cell dendritic morphology in cerebellar slice cultures. <i>Developmental Brain Research</i> , 2005 , 155, 165-8		3
7	Serum and cerebrospinal fluid Neutrophil gelatinase-associated lipocalin (NGAL) levels as biomarkers for the conversion from mild cognitive impairment to Alzheimer's disease dementia. <i>Neurobiology of Aging</i> , 2021 , 107, 1-10	5.6	2
6	Vaccination Prevented Short-Term Memory Loss, but Deteriorated Long-Term Spatial Memory in Alzheimer's Disease Mice, Independent of Amyloid-Pathology. <i>Journal of Alzheimers Disease Reports</i> , 2020 , 4, 261-280	3.3	1
5	Aging of the Brain 2016 , 2755-2789		

- 4 Tumor Necrosis Factor as a Neuroinflammatory Mediator in Alzheimer's Disease and Stroke: Molecular Mechanisms and Neuroinflammatory Imaging. *NeuroImmune Biology*, **2010**, 251-267
- 3 Response: Re: Neurocognitive Functioning in Adult Survivors of Childhood Noncentral Nervous System Cancers. *Journal of the National Cancer Institute*, **2011**, 103, 607-608 9.7
- 2 Lipocalin 2: novel inflammatory actor in Alzheimer's disease. *FASEB Journal*, **2015**, 29, 835.2 0.9
- 1 Linking Molecular Neurobiology to Therapeutic Approaches for Alzheimer's Disease with PET **2014**, 451-478