

# Tarja Malm

## 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.

54  
papers

1,664  
citations

22  
h-index

40  
g-index

63  
ext. papers

2,111  
ext. citations

7.3  
avg, IF

4.5  
L-index

#	Paper	IF	Citations
54	Intrahippocampal injection of a lentiviral vector expressing Nrf2 improves spatial learning in a mouse model of Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 16505-10	11.5	228
53	Transplanted astrocytes internalize deposited beta-amyloid peptides in a transgenic mouse model of Alzheimer's disease. <i>Glia</i> , <b>2008</b> , 56, 154-63	9	125
52	Exosomes as new diagnostic tools in CNS diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2016</b> , 1862, 403-10	6.9	117
51	Nuclear receptors license phagocytosis by trem2+ myeloid cells in mouse models of Alzheimer's disease. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 6532-43	6.6	104
50	Nrf2 regulates neurogenesis and protects neural progenitor cells against A $\beta$ toxicity. <i>Stem Cells</i> , <b>2014</b> , 32, 1904-16	5.8	89
49	Interleukin-33 treatment reduces secondary injury and improves functional recovery after contusion spinal cord injury. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 44, 68-81	16.6	84
48	Immunomodulation by interleukin-33 is protective in stroke through modulation of inflammation. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 49, 322-36	16.6	81
47	Nuclear receptors in neurodegenerative diseases. <i>Neurobiology of Disease</i> , <b>2014</b> , 72 Pt A, 104-16	7.5	67
46	PSEN1 $\Delta$ 9, APP <sup>swe</sup> , and APOE4 Confer Disparate Phenotypes in Human iPSC-Derived Microglia. <i>Stem Cell Reports</i> , <b>2019</b> , 13, 669-683	8	64
45	Granulocyte colony stimulating factor attenuates inflammation in a mouse model of amyotrophic lateral sclerosis. <i>Journal of Neuroinflammation</i> , <b>2011</b> , 8, 74	10.1	49
44	Activation of the nuclear receptor PPAR $\alpha$ is neuroprotective in a transgenic mouse model of Alzheimer's disease through inhibition of inflammation. <i>Journal of Neuroinflammation</i> , <b>2015</b> , 12, 7	10.1	48
43	Peripheral Administration of IL-13 Induces Anti-inflammatory Microglial/Macrophage Responses and Provides Neuroprotection in Ischemic Stroke. <i>Neurotherapeutics</i> , <b>2019</b> , 16, 1304-1319	6.4	40
42	beta-Amyloid infusion results in delayed and age-dependent learning deficits without role of inflammation or beta-amyloid deposits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 8852-7	11.5	40
41	Targeting Glycogen Synthase Kinase-3 $\beta$ for Therapeutic Benefit against Oxidative Stress in Alzheimer's Disease: Involvement of the Nrf2-ARE Pathway. <i>International Journal of Alzheimers Disease</i> , <b>2011</b> , 2011, 985085	3.7	39
40	Effects of human intravenous immunoglobulin on amyloid pathology and neuroinflammation in a mouse model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , <b>2012</b> , 9, 105	10.1	32
39	Anti-inflammatory effects of ADAMTS-4 in a mouse model of ischemic stroke. <i>Glia</i> , <b>2016</b> , 64, 1492-507	9	30
38	Western-type diet modulates inflammatory responses and impairs functional outcome following permanent middle cerebral artery occlusion in aged mice expressing the human apolipoprotein E4 allele. <i>Journal of Neuroinflammation</i> , <b>2013</b> , 10, 102	10.1	29

37	Aging aggravates ischemic stroke-induced brain damage in mice with chronic peripheral infection. <i>Aging Cell</i> , <b>2013</b> , 12, 842-50	9.9	29
36	The Copper bis(thiosemicarbazone) Complex Cu(atsm) Is Protective Against Cerebral Ischemia Through Modulation of the Inflammatory Milieu. <i>Neurotherapeutics</i> , <b>2017</b> , 14, 519-532	6.4	28
35	Pyrrolidine dithiocarbamate activates the Nrf2 pathway in astrocytes. <i>Journal of Neuroinflammation</i> , <b>2016</b> , 13, 49	10.1	27
34	Mechanosensitive meningeal nociception via Piezo channels: Implications for pulsatile pain in migraine?. <i>Neuropharmacology</i> , <b>2019</b> , 149, 113-123	5.5	26
33	Impairment of mitochondrial function by particulate matter: Implications for the brain. <i>Neurochemistry International</i> , <b>2020</b> , 135, 104694	4.4	22
32	DHCR24 exerts neuroprotection upon inflammation-induced neuronal death. <i>Journal of Neuroinflammation</i> , <b>2017</b> , 14, 215	10.1	21
31	PPAR $\gamma$ agonist GW0742 ameliorates dysfunction in fatty acid oxidation in PSEN1E9 astrocytes. <i>Glia</i> , <b>2019</b> , 67, 146-159	9	21
30	Complex regulation of acute and chronic neuroinflammatory responses in mouse models deficient for nuclear factor kappa B p50 subunit. <i>Neurobiology of Disease</i> , <b>2014</b> , 64, 16-29	7.5	19
29	Pro-nociceptive migraine mediator CGRP provides neuroprotection of sensory, cortical and cerebellar neurons via multi-kinase signaling. <i>Cephalalgia</i> , <b>2017</b> , 37, 1373-1383	6.1	18
28	Activation of P2X7 Receptors in Peritoneal and Meningeal Mast Cells Detected by Uptake of Organic Dyes: Possible Purinergic Triggers of Neuroinflammation in Meninges. <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 45	6.1	18
27	ADAMTS-4 promotes neurodegeneration in a mouse model of amyotrophic lateral sclerosis. <i>Molecular Neurodegeneration</i> , <b>2016</b> , 11, 10	19	17
26	Urban air particulate matter induces mitochondrial dysfunction in human olfactory mucosal cells. <i>Particle and Fibre Toxicology</i> , <b>2020</b> , 17, 18	8.4	15
25	Cu(atsm) Attenuates Neuroinflammation. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 668	5.1	15
24	Brain environment and Alzheimer's disease mutations affect the survival, migration and differentiation of neural progenitor cells. <i>Current Alzheimer Research</i> , <b>2012</b> , 9, 1030-42	3	14
23	Purinergic Profiling of Regulatory T-cells in Patients With Episodic Migraine. <i>Frontiers in Cellular Neuroscience</i> , <b>2018</b> , 12, 326	6.1	14
22	Long-term interleukin-33 treatment delays disease onset and alleviates astrocytic activation in a transgenic mouse model of amyotrophic lateral sclerosis. <i>IBRO Reports</i> , <b>2019</b> , 6, 74-86	2	11
21	Disentangling the Amyloid Pathways: A Mechanistic Approach to Etiology. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 256	5.1	11
20	Sulfosuccinimidyl oleate sodium is neuroprotective and alleviates stroke-induced neuroinflammation. <i>Journal of Neuroinflammation</i> , <b>2017</b> , 14, 237	10.1	10

19	Microglia Development and Maturation and Its Implications for Induction of Microglia-Like Cells from Human iPSCs. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	9
18	Intracerebral overexpression of miR-669c is protective in mouse ischemic stroke model by targeting MyD88 and inducing alternative microglial/macrophage activation. <i>Journal of Neuroinflammation</i> , <b>2020</b> , 17, 194	10.1	8
17	Glial smog: Interplay between air pollution and astrocyte-microglia interactions. <i>Neurochemistry International</i> , <b>2020</b> , 136, 104715	4.4	8
16	An arylthiazine derivative is a potent inhibitor of lipid peroxidation and ferroptosis providing neuroprotection in vitro and in vivo. <i>Scientific Reports</i> , <b>2021</b> , 11, 3518	4.9	7
15	Microglia-like Cells Promote Neuronal Functions in Cerebral Organoids.. <i>Cells</i> , <b>2021</b> , 11,	7.9	5
14	Microglia orchestrate neuronal activity in brain organoids		3
13	Abeta and Inflammatory Stimulus Activate Diverse Signaling Pathways in Monocytic Cells: Implications in Retaining Phagocytosis in Abeta-Laden Environment. <i>Frontiers in Cellular Neuroscience</i> , <b>2016</b> , 10, 279	6.1	3
12	Genotyping and Frequency of Variations Among Hypercholesterolemic and Diabetic Subjects. <i>Indian Journal of Clinical Biochemistry</i> , <b>2019</b> , 34, 444-450	2.2	3
11	Functional Characterization of Human Pluripotent Stem Cell-Derived Models of the Brain with Microelectrode Arrays.. <i>Cells</i> , <b>2021</b> , 11,	7.9	3
10	Neuron-astrocyte transmitophagy is altered in Alzheimer's disease.. <i>Neurobiology of Disease</i> , <b>2022</b> , 170, 105753	7.5	3
9	Mitochondrial Function in Alzheimer's Disease: Focus on Astrocytes <b>2018</b> ,		2
8	Subacute inhalation of ultrafine particulate matter triggers inflammation without altering amyloid beta load in 5xFAD mice.. <i>NeuroToxicology</i> , <b>2022</b> , 89, 55-66	4.4	1
7	Peripheral inflammation preceding ischemia impairs neuronal survival through mechanisms involving miR-127 in aged animals. <i>Aging Cell</i> , <b>2021</b> , 20, e13287	9.9	1
6	Additive Behavioral Improvement after Combined Cell Therapy and Rehabilitation Despite Long-Term Microglia Presence in Stroke Rats. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
5	F1-03-03: THE ROLE OF MENINGEAL LYMPHATICS IN ALZHEIMER-RELATED AMYLOID PATHOLOGY <b>2018</b> , 14, P205-P205		1
4	Microglia Orchestrate Neuronal Activity in Brain Organoids. <i>SSRN Electronic Journal</i> ,	1	1
3	TUBE Project: Transport-Derived Ultrafines and the Brain Effects.. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 19,	4.6	1
2	Sex Differences in Poststroke Inflammation: a Focus on Microglia Across the Lifespan.. <i>Stroke</i> , <b>2022</b> , 53, 1500-1509	6.7	0

- 1 Inactivation of mouse transmembrane prolyl 4-hydroxylase increases blood brain barrier permeability and ischemia-induced cerebral neuroinflammation.. *Journal of Biological Chemistry*, **2022**, 101721 5.4