

# Tarja Malm

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6955701/publications.pdf>

Version: 2024-02-01

55  
papers

2,494  
citations

186254

28  
h-index

206102

48  
g-index

63  
all docs

63  
docs citations

63  
times ranked

4576  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2009, 106, 16505-16510.	7.1	258
2	Exosomes as new diagnostic tools in CNS diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 403-410.	3.8	164
3	Transplanted astrocytes internalize deposited A $\beta$ amyloid peptides in a transgenic mouse model of Alzheimer's disease. <i>Glia</i> , 2008, 56, 154-163.	4.9	148
4	Nuclear Receptors License Phagocytosis by Trem2 <sup>+</sup> Myeloid Cells in Mouse Models of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2015, 35, 6532-6543.	3.6	144
5	PSEN1 <sup>E9</sup> , APP <sup>swe</sup> , and APOE4 Confer Disparate Phenotypes in Human iPSC-Derived Microglia. <i>Stem Cell Reports</i> , 2019, 13, 669-683.	4.8	132
6	Nrf2 Regulates Neurogenesis and Protects Neural Progenitor Cells Against A $\beta$ Toxicity. <i>Stem Cells</i> , 2014, 32, 1904-1916.	3.2	110
7	Immunomodulation by interleukin-33 is protective in stroke through modulation of inflammation. <i>Brain, Behavior, and Immunity</i> , 2015, 49, 322-336.	4.1	107
8	Interleukin-33 treatment reduces secondary injury and improves functional recovery after contusion spinal cord injury. <i>Brain, Behavior, and Immunity</i> , 2015, 44, 68-81.	4.1	105
9	Nuclear receptors in neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2014, 72, 104-116.	4.4	81
10	Peripheral Administration of IL-13 Induces Anti-inflammatory Microglial/Macrophage Responses and Provides Neuroprotection in Ischemic Stroke. <i>Neurotherapeutics</i> , 2019, 16, 1304-1319.	4.4	77
11	Activation of the nuclear receptor PPAR $\gamma$ is neuroprotective in a transgenic mouse model of Alzheimer's disease through inhibition of inflammation. <i>Journal of Neuroinflammation</i> , 2015, 12, 7.	7.2	66
12	Granulocyte colony stimulating factor attenuates inflammation in a mouse model of amyotrophic lateral sclerosis. <i>Journal of Neuroinflammation</i> , 2011, 8, 74.	7.2	58
13	Mechanosensitive meningeal nociception via Piezo channels: Implications for pulsatile pain in migraine?. <i>Neuropharmacology</i> , 2019, 149, 113-123.	4.1	57
14	Microglia-like Cells Promote Neuronal Functions in Cerebral Organoids. <i>Cells</i> , 2022, 11, 124.	4.1	50
15	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 Alzheimer's Disease</i> , 2011, 2011, 1-9.	2.0	46
16	PPAR $\gamma$ agonist GW0742 ameliorates dysfunction in fatty acid oxidation in PSEN1 <sup>E9</sup> astrocytes. <i>Glia</i> , 2019, 67, 146-159.	4.9	46
17	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> , 2006, 103, 8852-8857.	7.1	45
18	Microglial amyloid beta clearance is driven by PIEZO1 channels. <i>Journal of Neuroinflammation</i> , 2022, 19, .	7.2	45

#	ARTICLE	IF	CITATIONS
19	The Copper bis(thiosemicarbazone) Complex Cull(atsm) Is Protective Against Cerebral Ischemia Through Modulation of the Inflammatory Milieu. <i>Neurotherapeutics</i> , 2017, 14, 519-532.	4.4	42
20	Impairment of mitochondrial function by particulate matter: Implications for the brain. <i>Neurochemistry International</i> , 2020, 135, 104694.	3.8	40
21	Effects of human intravenous immunoglobulin on amyloid pathology and neuroinflammation in a mouse model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2012, 9, 105.	7.2	38
22	Pyrrrolidine dithiocarbamate activates the Nrf2 pathway in astrocytes. <i>Journal of Neuroinflammation</i> , 2016, 13, 49.	7.2	38
23	Urban air particulate matter induces mitochondrial dysfunction in human olfactory mucosal cells. <i>Particle and Fibre Toxicology</i> , 2020, 17, 18.	6.2	36
24	Aging aggravates ischemic stroke-induced brain damage in mice with chronic peripheral infection. <i>Aging Cell</i> , 2013, 12, 842-850.	6.7	35
25	Anti-inflammatory effects of ADAMTS-4 in a mouse model of ischemic stroke. <i>Glia</i> , 2016, 64, 1492-1507.	4.9	35
26	DHCR24 exerts neuroprotection upon inflammation-induced neuronal death. <i>Journal of Neuroinflammation</i> , 2017, 14, 215.	7.2	34
27	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> , 2013, 10, 102.	7.2	32
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> , 2019, 13, 45.	3.7	32
29	Neuron-astrocyte transmitophagy is altered in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2022, 170, 105753.	4.4	27
30	Cull(atsm) Attenuates Neuroinflammation. <i>Frontiers in Neuroscience</i> , 2018, 12, 668.	2.8	26
31	Complex regulation of acute and chronic neuroinflammatory responses in mouse models deficient for nuclear factor kappa B p50 subunit. <i>Neurobiology of Disease</i> , 2014, 64, 16-29.	4.4	25
32	ADAMTS-4 promotes neurodegeneration in a mouse model of amyotrophic lateral sclerosis. <i>Molecular Neurodegeneration</i> , 2016, 11, 10.	10.8	25
33	Pro-nociceptive migraine mediator CGRP provides neuroprotection of sensory, cortical and cerebellar neurons via multi-kinase signaling. <i>Cephalalgia</i> , 2017, 37, 1373-1383.	3.9	25
34	Glial smog: Interplay between air pollution and astrocyte-microglia interactions. <i>Neurochemistry International</i> , 2020, 136, 104715.	3.8	24
35	Functional Characterization of Human Pluripotent Stem Cell-Derived Models of the Brain with Microelectrode Arrays. <i>Cells</i> , 2022, 11, 106.	4.1	23
36	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> , 2020, 17, 194.	7.2	22

#	ARTICLE	IF	CITATIONS
37	Disentangling the Amyloid Pathways: A Mechanistic Approach to Etiology. <i>Frontiers in Neuroscience</i> , 2020, 14, 256.	2.8	21
38	An arylthiazine derivative is a potent inhibitor of lipid peroxidation and ferroptosis providing neuroprotection in vitro and in vivo. <i>Scientific Reports</i> , 2021, 11, 3518.	3.3	20
39	Purinergic Profiling of Regulatory T-cells in Patients With Episodic Migraine. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 326.	3.7	19
40	Sulfosuccinimidyl oleate sodium is neuroprotective and alleviates stroke-induced neuroinflammation. <i>Journal of Neuroinflammation</i> , 2017, 14, 237.	7.2	18
41	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> , 2019, 6, 74-86.	0.3	18
42	Brain Environment and Alzheimer's Disease Mutations Affect the Survival, Migration and Differentiation of Neural Progenitor Cells. <i>Current Alzheimer Research</i> , 2012, 9, 1030-1042.	1.4	16
43	Microglia Development and Maturation and Its Implications for Induction of Microglia-Like Cells from Human iPSCs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3088.	4.1	15
44	Sex Differences in Poststroke Inflammation: a Focus on Microglia Across the Lifespan. <i>Stroke</i> , 2022, 53, 1500-1509.	2.0	14
45	Additive Behavioral Improvement after Combined Cell Therapy and Rehabilitation Despite Long-Term Microglia Presence in Stroke Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1512.	4.1	10
46	Peripheral inflammation preceding ischemia impairs neuronal survival through mechanisms involving miR-127 in aged animals. <i>Aging Cell</i> , 2021, 20, e13287.	6.7	7
47	Subacute inhalation of ultrafine particulate matter triggers inflammation without altering amyloid beta load in 5xFAD mice. <i>NeuroToxicology</i> , 2022, 89, 55-66.	3.0	6
48	A $\beta^2$ and Inflammatory Stimulus Activate Diverse Signaling Pathways in Monocytic Cells: Implications in Retaining Phagocytosis in A $\beta^2$ -Laden Environment. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 279.	3.7	5
49	Genotyping and Frequency of PCSK9 Variations Among Hypercholesterolemic and Diabetic Subjects. <i>Indian Journal of Clinical Biochemistry</i> , 2019, 34, 444-450.	1.9	5
50	Mitochondrial Function in Alzheimer's Disease: Focus on Astrocytes. , 2018, , .		4
51	Editorial: Air pollution and brain health. <i>Neurochemistry International</i> , 2020, 141, 104900.	3.8	2
52	Microglia Orchestrate Neuronal Activity in Brain Organoids. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
53	Inactivation of mouse transmembrane prolyl 4-hydroxylase increases blood brain barrier permeability and ischemia-induced cerebral neuroinflammation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101721.	3.4	2
54	FLA $\alpha$ 3: THE ROLE OF MENINGEAL LYMPHATICS IN ALZHEIMER-RELATED AMYLOID PATHOLOGY. <i>Alzheimer's and Dementia</i> , 2018, 14, P205.	0.8	1

#	ARTICLE	IF	CITATIONS
55	TUBE Project: Transport-Derived Ultrafines and the Brain Effects. International Journal of Environmental Research and Public Health, 2022, 19, 311.	2.6	1