

Elisabeth Hansson

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

5,576
citations

430754

18
h-index

360920

35
g-index

38
all docs

38
docs citations

38
times ranked

8550
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocyte-endothelial interactions at the blood-brain barrier. <i>Nature Reviews Neuroscience</i> , 2006, 7, 41-53.	4.9	4,411
2	Glial neuronal signaling in the central nervous system. <i>FASEB Journal</i> , 2003, 17, 341-348.	0.2	288
3	Lipopolysaccharide increases microglial GLT-1 expression and glutamate uptake capacity in vitro by a mechanism dependent on TNF- α . <i>Glia</i> , 2005, 51, 111-120.	2.5	142
4	Distinct pharmacological properties of ET-1 and ET-3 on astroglial gap junctions and Ca ²⁺ signaling. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 277, C616-C627.	2.1	69
5	Acute ethanol exposure induces [Ca ²⁺] _i transients, cell swelling and transformation of actin cytoskeleton in astroglial primary cultures. <i>Journal of Neurochemistry</i> , 2001, 76, 472-479.	2.1	66
6	Naloxone and Ouabain in Ultralow Concentrations Restore Na ⁺ /K ⁺ -ATPase and Cytoskeleton in Lipopolysaccharide-treated Astrocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 31586-31597.	1.6	62
7	Long-term pain, neuroinflammation and glial activation. <i>Scandinavian Journal of Pain</i> , 2010, 1, 67-72.	0.5	45
8	Endothelin-1 decreases glutamate uptake in primary cultured rat astrocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1495-C1503.	2.1	41
9	Regulation of the glial glutamate transporter GLT-1 by glutamate and $\hat{\nu}$ -opioid receptor stimulation. <i>FEBS Letters</i> , 1998, 425, 453-459.	1.3	37
10	Inflammatory activation enhances NMDA-triggered Ca ²⁺ signalling and IL-1 β secretion in primary cultures of rat astrocytes. <i>Brain Research</i> , 2012, 1473, 1-8.	1.1	35
11	Altered Neuronal-Glial Signaling in Glutamatergic Transmission as a Unifying Mechanism in Chronic Pain and Mental Fatigue. <i>Neurochemical Research</i> , 2004, 29, 989-996.	1.6	33
12	Coupled cell networks are target cells of inflammation, which can spread between different body organs and develop into systemic chronic inflammation. <i>Journal of Inflammation</i> , 2015, 12, 44.	1.5	29
13	Intracellular sulfatide expression in a subpopulation of astrocytes in primary cultures. , 1998, 52, 559-568.		24
14	Actin Filament Reorganization in Astrocyte Networks is a Key Functional Step in Neuroinflammation Resulting in Persistent Pain: Novel Findings on Network Restoration. <i>Neurochemical Research</i> , 2015, 40, 372-379.	1.6	24
15	Ultralow concentrations of bupivacaine exert anti-inflammatory effects on inflammation-reactive astrocytes. <i>European Journal of Neuroscience</i> , 2013, 38, 3669-3678.	1.2	22
16	Anti-inflammatory effects induced by pharmaceutical substances on inflammatory active brain astrocytes - promising treatment of neuroinflammation. <i>Journal of Neuroinflammation</i> , 2018, 15, 321.	3.1	21
17	The Importance and Control of Low-Grade Inflammation Due to Damage of Cellular Barrier Systems That May Lead to Systemic Inflammation. <i>Frontiers in Neurology</i> , 2019, 10, 533.	1.1	21
18	Differential expression of delta opioid receptors and mRNA in proliferating astrocytes during the cell cycle. <i>Journal of Neuroscience Research</i> , 2000, 61, 371-375.	1.3	19

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19	Sildenafil (Viagra®) prevents and restores LPS-induced inflammation in astrocytes. <i>Neuroscience Letters</i> , 2016, 630, 59-65.	1.0	19
20	Delta-opioid receptor immunoreactivity on astrocytes is upregulated during mitosis. <i>Glia</i> , 1999, 25, 370-378.	2.5	18
21	Primary Cultures From Cerebral Cortex and Hippocampus Enriched in Glutamatergic and GABAergic Neurons. <i>Neurochemical Research</i> , 2010, 35, 1733-1742.	1.6	18
22	Therapeutic innovation: Inflammatory-reactive astrocytes as targets of inflammation. <i>IBRO Reports</i> , 2016, 1, 1-9.	0.3	17
23	Lactate Contributes to Ammonia-Mediated Astroglial Dysfunction During Hyperammonemia. <i>Neurochemical Research</i> , 2009, 34, 556-565.	1.6	16
24	Ultralow Dose of Naloxone as an Adjuvant to Intrathecal Morphine Infusion Improves Perceived Quality of Sleep but Fails to Alter Persistent Pain. <i>Clinical Journal of Pain</i> , 2015, 31, 968-975.	0.8	16
25	Elevated Glucose Levels Preserve Glucose Uptake, Hyaluronan Production, and Low Glutamate Release Following Interleukin-1 β Stimulation of Differentiated Chondrocytes. <i>Cartilage</i> , 2019, 10, 491-503.	1.4	15
26	Neuropharmacological effects of Phoneutria nigriventer venom on astrocytes. <i>Neurochemistry International</i> , 2016, 96, 13-23.	1.9	13
27	PACAP attenuates 5-HT, histamine, and ATP-evoked Ca $^{2+}$ transients in astrocytes. <i>NeuroReport</i> , 2009, 20, 957-962.	0.6	12
28	Inflammatory activation of human cardiac fibroblasts leads to altered calcium signaling, decreased connexin 43 expression and increased glutamate secretion. <i>Heliyon</i> , 2017, 3, e00406.	1.4	12
29	Biochemical alterations in inflammatory reactive chondrocytes: evidence for intercellular network communication. <i>Heliyon</i> , 2018, 4, e00525.	1.4	9
30	Low-grade inflammation causes gap junction-coupled cell dysfunction throughout the body, which can lead to the spread of systemic inflammation. <i>Scandinavian Journal of Pain</i> , 2019, 19, 639-649.	0.5	6
31	Serotonin-evoked cytosolic Ca $^{2+}$ release and opioid receptor expression are upregulated in articular cartilage chondrocytes from osteoarthritic joints in horses. <i>Veterinary and Animal Science</i> , 2019, 8, 100078.	0.6	5
32	Neuroinflammation and glial cell activation in pathogenesis of chronic pain. <i>Scandinavian Journal of Pain</i> , 2015, 6, 1-2.	0.5	4
33	Anti-inflammatory effects induced by ultralow concentrations of bupivacaine in combination with ultralow concentrations of sildenafil (Viagra) and vitamin D3 on inflammatory reactive brain astrocytes. <i>PLoS ONE</i> , 2019, 14, e0223648.	1.1	3
34	Bupivacaine in combination with sildenafil (Viagra) and vitamin D3 have anti-inflammatory effects in osteoarthritic chondrocytes. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100066.	1.7	2
35	Coupled cell networks of astrocytes and chondrocytes are target cells of inflammation. <i>Scandinavian Journal of Pain</i> , 2016, 12, 120-121.	0.5	1
36	Plasma pro-inflammatory markers in chronic neuropathic pain: Why elevated levels may be relevant for diagnosis and treatment of patients suffering chronic pain. <i>Scandinavian Journal of Pain</i> , 2016, 10, 52-53.	0.5	0

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37	Cognitive Impairment During Recovery from Whiplash Injuryâ€™ Underlying Mechanisms Focusing on Astroglial Dysfunction in Glutamatergic Neurotransmission. <i>Journal of Whiplash and Related Disorders</i> , 2003, 2, 17-29.	0.2	0