

# Elisabeth Hansson

## 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.

36

papers

4,532

citations

16

h-index

38

g-index

38

ext. papers

5,059

ext. citations

4.1

avg, IF

5.61

L-index

#	Paper	IF	Citations
36	Astrocyte-endothelial interactions at the blood-brain barrier. <i>Nature Reviews Neuroscience</i> , <b>2006</b> , 7, 41-53	3.5	3559
35	Glial neuronal signaling in the central nervous system. <i>FASEB Journal</i> , <b>2003</b> , 17, 341-8	0.9	261
34	Lipopolysaccharide increases microglial GLT-1 expression and glutamate uptake capacity in vitro by a mechanism dependent on TNF-alpha. <i>Glia</i> , <b>2005</b> , 51, 111-20	9	132
33	Acute ethanol exposure induces [Ca <sup>2+</sup> ] <sub>i</sub> transients, cell swelling and transformation of actin cytoskeleton in astroglial primary cultures. <i>Journal of Neurochemistry</i> , <b>2001</b> , 76, 472-9	6	61
32	Distinct pharmacological properties of ET-1 and ET-3 on astroglial gap junctions and Ca <sup>2+</sup> signaling. <i>American Journal of Physiology - Cell Physiology</i> , <b>1999</b> , 277, C616-27	5.4	59
31	Naloxone and ouabain in ultralow concentrations restore Na <sup>+</sup> /K <sup>+</sup> -ATPase and cytoskeleton in lipopolysaccharide-treated astrocytes. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 31586-97	5.4	53
30	Endothelin-1 decreases glutamate uptake in primary cultured rat astrocytes. <i>American Journal of Physiology - Cell Physiology</i> , <b>2001</b> , 281, C1495-503	5.4	38
29	Long-term pain, neuroinflammation and glial activation. <i>Scandinavian Journal of Pain</i> , <b>2010</b> , 1, 67-72	1.9	37
28	Regulation of the glial glutamate transporter GLT-1 by glutamate and delta-opioid receptor stimulation. <i>FEBS Letters</i> , <b>1998</b> , 425, 453-9	3.8	33
27	Inflammatory activation enhances NMDA-triggered Ca <sup>2+</sup> signalling and IL-1 $\beta$ secretion in primary cultures of rat astrocytes. <i>Brain Research</i> , <b>2012</b> , 1473, 1-8	3.7	27
26	Altered neuronal-glia signaling in glutamatergic transmission as a unifying mechanism in chronic pain and mental fatigue. <i>Neurochemical Research</i> , <b>2004</b> , 29, 989-96	4.6	25
25	Intracellular sulfatide expression in a subpopulation of astrocytes in primary cultures. <i>Journal of Neuroscience Research</i> , <b>1998</b> , 52, 559-68	4.4	20
24	Ultralow concentrations of bupivacaine exert anti-inflammatory effects on inflammation-reactive astrocytes. <i>European Journal of Neuroscience</i> , <b>2013</b> , 38, 3669-78	3.5	19
23	Differential expression of delta opioid receptors and mRNA in proliferating astrocytes during the cell cycle. <i>Journal of Neuroscience Research</i> , <b>2000</b> , 61, 371-5	4.4	19
22	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> , <b>2015</b> , 12, 44	6.7	18
21	Delta-opioid receptor immunoreactivity on astrocytes is upregulated during mitosis. <i>Glia</i> , <b>1999</b> , 25, 370-8	3.8	18
20	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> , <b>2015</b> , 40, 372-9	4.6	15

19	Ultralow Dose of Naloxone as an Adjuvant to Intrathecal Morphine Infusion Improves Perceived Quality of Sleep but Fails to Alter Persistent Pain: A Randomized, Double-blind, Controlled Study. <i>Clinical Journal of Pain</i> , <b>2015</b> , 31, 968-75	3.5	15
18	Sildenafil (Viagra(®)) prevents and restores LPS-induced inflammation in astrocytes. <i>Neuroscience Letters</i> , <b>2016</b> , 630, 59-65	3.3	14
17	Primary cultures from cerebral cortex and hippocampus enriched in glutamatergic and GABAergic neurons. <i>Neurochemical Research</i> , <b>2010</b> , 35, 1733-42	4.6	14
16	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> , <b>2019</b> , 10, 533	4.1	12
15	Lactate contributes to ammonia-mediated astroglial dysfunction during hyperammonemia. <i>Neurochemical Research</i> , <b>2009</b> , 34, 556-65	4.6	12
14	PACAP attenuates 5-HT, histamine, and ATP-evoked Ca <sup>2+</sup> transients in astrocytes. <i>NeuroReport</i> , <b>2009</b> , 20, 957-62	1.7	12
13	Therapeutic innovation: Inflammatory-reactive astrocytes as targets of inflammation. <i>IBRO Reports</i> , <b>2016</b> , 1, 1-9	2	9
12	Elevated Glucose Levels Preserve Glucose Uptake, Hyaluronan Production, and Low Glutamate Release Following Interleukin-1 $\beta$ Stimulation of Differentiated Chondrocytes. <i>Cartilage</i> , <b>2019</b> , 10, 491-503		9
11	Anti-inflammatory effects induced by pharmaceutical substances on inflammatory active brain astrocytes-promising treatment of neuroinflammation. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 321	10.1	9
10	Inflammatory activation of human cardiac fibroblasts leads to altered calcium signaling, decreased connexin 43 expression and increased glutamate secretion. <i>Heliyon</i> , <b>2017</b> , 3, e00406	3.6	8
9	Neuropharmacological effects of Phoneutria nigriventer venom on astrocytes. <i>Neurochemistry International</i> , <b>2016</b> , 96, 13-23	4.4	8
8	Biochemical alterations in inflammatory reactive chondrocytes: evidence for intercellular network communication. <i>Heliyon</i> , <b>2018</b> , 4, e00525	3.6	5
7	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> , <b>2019</b> , 19, 639-649	1.9	3
6	Serotonin-evoked cytosolic Ca release and opioid receptor expression are upregulated in articular cartilage chondrocytes from osteoarthritic joints in horses. <i>Veterinary and Animal Science</i> , <b>2019</b> , 8, 1000783	7.3	3
5	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> , <b>2019</b> , 14, e0223648	3.7	1
4	Coupled cell networks of astrocytes and chondrocytes are target cells of inflammation. <i>Scandinavian Journal of Pain</i> , <b>2016</b> , 12, 120-121	1.9	
3	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> , <b>2016</b> , 10, 52-53	1.9	
2	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> , <b>2021</b> , 2, 100066		3

- 1 Cognitive Impairment During Recovery from Whiplash Injury Underlying Mechanisms Focusing on Astroglial Dysfunction in Glutamatergic Neurotransmission. *Journal of Whiplash and Related Disorders*, **2003**, 2, 17-29