

# Jimmy Stehberg

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,425  
citations

471509

17  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular Cysteine in Connexins: Role as Redox Sensors. <i>Frontiers in Physiology</i> , 2016, 7, 1.	2.8	247
2	Release of gliotransmitters through astroglial connexin 43 hemichannels is necessary for fear memory consolidation in the basolateral amygdala. <i>FASEB Journal</i> , 2012, 26, 3649-3657.	0.5	211
3	Epigenetic editing of the Dlg4/PSD95 gene improves cognition in aged and Alzheimer's disease mice. <i>Brain</i> , 2017, 140, 3252-3268.	7.6	121
4	Large-Scale Organization of Rat Sensorimotor Cortex Based on a Motif of Large Activation Spreads. <i>Journal of Neuroscience</i> , 2008, 28, 13274-13284.	3.6	90
5	Conflicting Processes in the Extinction of Conditioned Taste Aversion: Behavioral and Molecular Aspects of Latency, Apparent Stagnation, and Spontaneous Recovery. <i>Learning and Memory</i> , 2003, 10, 16-25.	1.3	82
6	Restraint stress increases hemichannel activity in hippocampal glial cells and neurons. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 102.	3.7	80
7	Peptides and peptide-derived molecules targeting the intracellular domains of Cx43: Gap junctions versus hemichannels. <i>Neuropharmacology</i> , 2013, 75, 491-505.	4.1	78
8	Hemichannels: new roles in astroglial function. <i>Frontiers in Physiology</i> , 2014, 5, 193.	2.8	77
9	Dopamine receptor D3 deficiency results in chronic depression and anxiety. <i>Behavioural Brain Research</i> , 2014, 274, 186-193.	2.2	66
10	Unimodal primary sensory cortices are directly connected by long-range horizontal projections in the rat sensory cortex. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 93.	1.7	61
11	The Role of the Rodent Insula in Anxiety. <i>Frontiers in Physiology</i> , 2019, 10, 330.	2.8	36
12	Repetitive fluoxetine treatment affects long-term memories but not learning. <i>Behavioural Brain Research</i> , 2013, 247, 92-100.	2.2	34
13	Role of Astroglial Hemichannels and Pannexons in Memory and Neurodegenerative Diseases. <i>Frontiers in Integrative Neuroscience</i> , 2016, 10, 26.	2.1	34
14	Involvement of the insular cortex in retention of conditioned taste aversion is not time dependent. <i>Neurobiology of Learning and Memory</i> , 2011, 95, 14-18.	1.9	32
15	The role of the insular cortex in taste function. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 130-135.	1.9	29
16	Dopamine receptor D5 deficiency results in a selective reduction of hippocampal NMDA receptor subunit NR2B expression and impaired memory. <i>Neuropharmacology</i> , 2016, 103, 222-235.	4.1	26
17	Connexin43 Hemichannels in Satellite Glial Cells, Can They Influence Sensory Neuron Activity?. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 374.	2.9	25
18	4-Hydroxynonenal induces Cx46 hemichannel inhibition through its carbonylation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158705.	2.4	15

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19	The insula modulates arousal-induced reluctance to try novel tastes through adrenergic transmission in the rat. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 164.	2.0	14
20	Astroglial gliotransmitters released via Cx43 hemichannels regulate NMDAR-dependent transmission and short-term fear memory in the basolateral amygdala. <i>FASEB Journal</i> , 2022, 36, e22134.	0.5	14
21	Role of the insular cortex in taste familiarity. <i>Neurobiology of Learning and Memory</i> , 2014, 109, 37-45.	1.9	13
22	The Insular Cortex and the Amygdala: Shared Functions and Interactions. , 0, , .		11
23	Variable transcriptional responsiveness of the P2X3 receptor gene during CFA-induced inflammatory hyperalgesia. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3922-3935.	2.6	9
24	Extracellular Cysteines Are Critical to Form Functional Cx46 Hemichannels. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7252.	4.1	6
25	Effects of Interleukin-1 $\beta$ in Glycinergic Transmission at the Central Amygdala. <i>Frontiers in Pharmacology</i> , 2021, 12, 613105.	3.5	5
26	Over-activated hemichannels: A possible therapeutic target for human diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166232.	3.8	5
27	Prenatal fluoxetine impairs non-hippocampal but not hippocampal memory in adult male rat offspring. <i>Neuropharmacology</i> , 2021, 197, 108751.	4.1	4
28	The insular cortex and taste novelty. , 2018, , 129-145.		0