

Flavia Trettel

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,232
citations

186265
28
h-index

206112
48
g-index

49
all docs

49
docs citations

49
times ranked

4361
citing authors

#	ARTICLE	IF	CITATIONS
1	Dominant phenotypes produced by the HD mutation in STHdhQ111 striatal cells. <i>Human Molecular Genetics</i> , 2000, 9, 2799-2809.	2.9	556
2	Episodic Ataxia Type 2 (EA2) and Spinocerebellar Ataxia Type 6 (SCA6) Due to CAG Repeat Expansion in the CACNA1A Gene on Chromosome 19p. <i>Human Molecular Genetics</i> , 1997, 6, 1973-1978.	2.9	264
3	Specific progressive cAMP reduction implicates energy deficit in presymptomatic Huntington's disease knock-in mice. <i>Human Molecular Genetics</i> , 2003, 12, 497-508.	2.9	250
4	Huntingtin: an iron-regulated protein essential for normal nuclear and perinuclear organelles. <i>Human Molecular Genetics</i> , 2000, 9, 2789-2797.	2.9	193
5	Complete Loss of P/Q Calcium Channel Activity Caused by a CACNA1A Missense Mutation Carried by Patients with Episodic Ataxia Type 2. <i>American Journal of Human Genetics</i> , 2001, 68, 759-764.	6.2	147
6	TBX-3, the Gene Mutated in Ulnar-Mammary Syndrome, Is a Negative Regulator of p19 and Inhibits Senescence. <i>Journal of Biological Chemistry</i> , 2002, 277, 6567-6572.	3.4	140
7	Chemokine Fractalkine/CX3CL1 Negatively Modulates Active Glutamatergic Synapses in Rat Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2006, 26, 10488-10498.	3.6	116
8	Adenosine A1 Receptors and Microglial Cells Mediate CX3CL1-Induced Protection of Hippocampal Neurons Against Glu-Induced Death. <i>Neuropsychopharmacology</i> , 2010, 35, 1550-1559.	5.4	104
9	Fractalkine in the nervous system: neuroprotective or neurotoxic molecule?. <i>Annals of the New York Academy of Sciences</i> , 2015, 1351, 141-148.	3.8	98
10	Ligand-independent CXCR2 Dimerization. <i>Journal of Biological Chemistry</i> , 2003, 278, 40980-40988.	3.4	97
11	Expression of functional neurotransmitter receptors in <i>Xenopus</i> oocytes after injection of human brain membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13238-13242.	7.1	80
12	LTP impairment by fractalkine/CX3CL1 in mouse hippocampus is mediated through the activity of adenosine receptor type 3 (A3R). <i>Journal of Neuroimmunology</i> , 2009, 215, 36-42.	2.3	75
13	Two Exon-Skipping Mutations as the Molecular Basis of Succinic Semialdehyde Dehydrogenase Deficiency (4-Hydroxybutyric Aciduria). <i>American Journal of Human Genetics</i> , 1998, 63, 399-408.	6.2	73
14	CXCL16/CXCR6 Axis Drives Microglia/Macrophages Phenotype in Physiological Conditions and Plays a Crucial Role in Glioma. <i>Frontiers in Immunology</i> , 2018, 9, 2750.	4.8	71
15	BDNF modulates GABAA receptors microtransplanted from the human epileptic brain to <i>Xenopus</i> oocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1667-1672.	7.1	64
16	CXCL16 Orchestrates Adenosine A ₃ Receptor and MCP-1/CCL2 Activity to Protect Neurons from Excitotoxic Cell Death in the CNS. <i>Journal of Neuroscience</i> , 2012, 32, 3154-3163.	3.6	60
17	Mutant Huntingtin Forms in Vivo Complexes with Distinct Context-Dependent Conformations of the Polyglutamine Segment. <i>Neurobiology of Disease</i> , 1999, 6, 364-375.	4.4	57
18	Chemokines: Key Molecules that Orchestrate Communication among Neurons, Microglia and Astrocytes to Preserve Brain Function. <i>Neuroscience</i> , 2020, 439, 230-240.	2.3	57

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19	Transmembrane chemokines CX3CL1 and CXCL16 drive interplay between neurons, microglia and astrocytes to counteract pMCAO and excitotoxic neuronal death. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 193.	3.7	52
20	Phosphatase inhibitors remove the run-down of \hat{A} -aminobutyric acid type A receptors in the human epileptic brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10183-10188.	7.1	50
21	Signalling pathways involved in the chemotactic activity of CXCL12 in cultured rat cerebellar neurons and CHP100 neuroepithelioma cells. <i>Journal of Neuroimmunology</i> , 2003, 135, 38-46.	2.3	49
22	Microtransplantation of membranes from cultured cells to <i>Xenopus</i> oocytes: A method to study neurotransmitter receptors embedded in native lipids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2896-2900.	7.1	49
23	Chemokine receptor CXCR2 regulates the functional properties of AMPA-type glutamate receptor GluR1 in HEK cells. <i>Journal of Neuroimmunology</i> , 2002, 129, 66-73.	2.3	45
24	The Chemokine CX3CL1 Reduces Migration and Increases Adhesion of Neurons with Mechanisms Dependent on the \hat{I} 21 Integrin Subunit. <i>Journal of Immunology</i> , 2006, 177, 7599-7606.	0.8	45
25	Rare missense variants of neuronal nicotinic acetylcholine receptor altering receptor function are associated with sporadic amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2009, 18, 3997-4006.	2.9	42
26	Expression of human epileptic temporal lobe neurotransmitter receptors in <i>Xenopus</i> oocytes: An innovative approach to study epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15078-15083.	7.1	40
27	The chemokine CXCL16 modulates neurotransmitter release in hippocampal CA1 area. <i>Scientific Reports</i> , 2016, 6, 34633.	3.3	34
28	Fractalkine/CX3CL1 engages different neuroprotective responses upon selective glutamate receptor overactivation. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 472.	3.7	31
29	Acetazolamide-responsive episodic ataxia in an Italian family refines gene mapping on chromosome 19p13. <i>Brain</i> , 1997, 120, 805-812.	7.6	24
30	Human Succinic Semialdehyde Dehydrogenase. <i>Advances in Experimental Medicine and Biology</i> , 1996, , 253-260.	1.6	24
31	The Glycoside Oleandrin Reduces Glioma Growth with Direct and Indirect Effects on Tumor Cells. <i>Journal of Neuroscience</i> , 2017, 37, 3926-3939.	3.6	23
32	Role of Infiltrating Microglia/Macrophages in Glioma. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1202, 281-298.	1.6	23
33	Construction of a YAC Contig Covering Human Chromosome 6p22. <i>Genomics</i> , 1996, 36, 399-407.	2.9	19
34	Expression of AMPA-type glutamate receptors in HEK cells and cerebellar granule neurons impairs CXCL2-mediated chemotaxis. <i>Journal of Neuroimmunology</i> , 2003, 134, 61-71.	2.3	19
35	Adenosine A2A receptor induces protein kinase A-dependent functional modulation of human \hat{I} 3 \hat{I} 24 nicotinic receptor. <i>Journal of Physiology</i> , 2011, 589, 2755-2766.	2.9	18
36	Basal adenosine modulates the functional properties of AMPA receptors in mouse hippocampal neurons through the activation of A1R A2AR and A3R. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 409.	3.7	16

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37	Co-occurring WARS2 and CHRNA6 mutations in a child with a severe form of infantile parkinsonism. <i>Parkinsonism and Related Disorders</i> , 2020, 72, 75-79.	2.2	16
38	Short-chain fatty acids promote the effect of environmental signals on the gut microbiome and metabolome in mice. <i>Communications Biology</i> , 2022, 5, .	4.4	16
39	A fine physical map of the CACNA1A gene region on 19p13.1â€“p13.2 chromosome. <i>Gene</i> , 2000, 241, 45-50.	2.2	15
40	Cysteine residues are critical for chemokine receptor CXCR2 functional properties. <i>Experimental Cell Research</i> , 2005, 307, 65-75.	2.6	15
41	Neuro-Signals from Gut Microbiota: Perspectives for Brain Glioma. <i>Cancers</i> , 2021, 13, 2810.	3.7	14
42	Human succinic semialdehyde dehydrogenase. Molecular cloning and chromosomal localization. <i>Advances in Experimental Medicine and Biology</i> , 1997, 414, 253-60.	1.6	14
43	Chemokine CXCL8 modulates GluR1 phosphorylation. <i>Journal of Neuroimmunology</i> , 2008, 198, 75-81.	2.3	10
44	Mutant human α 4 subunit identified in amyotrophic lateral sclerosis patients impairs nicotinic receptor function. <i>Pflugers Archiv European Journal of Physiology</i> , 2011, 461, 225-233.	2.8	8
45	Localization and genomic structure of human deoxyhypusine synthase gene on chromosome 19p13.2-distal 19p13.1. <i>Gene</i> , 1998, 215, 153-157.	2.2	7
46	Editorial Research Topic â€œChemokines and chemokine receptors in brain homeostasisâ€• <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 132.	3.7	7
47	Chemokines and chemokine receptors in the nervous system. <i>Journal of Neuroimmunology</i> , 2008, 198, 1-8.	2.3	4
48	Ordering of 44 Genetic Markers in the 6p22 Cytogenetic Band. <i>DNA Sequence</i> , 1996, 7, 51-52.	0.7	0