

Jon Storm-Mathisen

List of Publications by Year in descending order

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174
papers

21,623
citations

9756

73
h-index

8835

145
g-index

180
all docs

180
docs citations

180
times ranked

11151
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactate induces neurogenesis in the mouse ventricular-subventricular zone via the lactate receptor HCAR1. <i>Acta Physiologica</i> , 2021, 231, e13587.	1.8	25
2	The NAD ⁺ -mitophagy axis in healthy longevity and in artificial intelligence-based clinical applications. <i>Mechanisms of Ageing and Development</i> , 2020, 185, 111194.	2.2	36
3	Slc38a1 Conveys Astroglia-Derived Glutamine into GABAergic Interneurons for Neurotransmitter GABA Synthesis. <i>Cells</i> , 2020, 9, 1686.	1.8	13
4	The Lactate Receptor HCAR1 Is Present in the Choroid Plexus, the Tela Choroidea, and the Neuroepithelial Lining of the Dorsal Part of the Third Ventricle. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6457.	1.8	10
5	Per Andersen 1930–2020. <i>Neuron</i> , 2020, 106, 366-368.	3.8	0
6	Targeting NAD ⁺ in translational research to relieve diseases and conditions of metabolic stress and ageing. <i>Mechanisms of Ageing and Development</i> , 2020, 186, 111208.	2.2	31
7	Blood lactate dynamics in awake and anaesthetized mice after intraperitoneal and subcutaneous injections of lactate—sex matters. <i>PeerJ</i> , 2020, 8, e8328.	0.9	5
8	A Ketogenic Diet Improves Mitochondrial Biogenesis and Bioenergetics via the PGC1 α -SIRT3-UCP2 Axis. <i>Neurochemical Research</i> , 2019, 44, 22-37.	1.6	116
9	NO-age in Norway. <i>Translational Medicine of Aging</i> , 2019, 3, 37-39.	0.6	1
10	High Intensity Interval Training Ameliorates Mitochondrial Dysfunction in the Left Ventricle of Mice with Type 2 Diabetes. <i>Cardiovascular Toxicology</i> , 2019, 19, 422-431.	1.1	11
11	Are the neuroprotective effects of exercise training systemically mediated?. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 94-101.	1.6	76
12	Upregulation of the lactate transporter monocarboxylate transporter 1 at the blood-brain barrier in a rat model of attention-deficit/hyperactivity disorder suggests hyperactivity could be a form of self-treatment. <i>Behavioural Brain Research</i> , 2019, 360, 279-285.	1.2	16
13	Altered α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor function and expression in hippocampus in a rat model of attention-deficit/hyperactivity disorder (ADHD). <i>Behavioural Brain Research</i> , 2019, 360, 209-215.	1.2	10
14	Propionate enters GABAergic neurons, inhibits GABA transaminase, causes GABA accumulation and lethargy in a model of propionic acidemia. <i>Biochemical Journal</i> , 2018, 475, 749-758.	1.7	29
15	Enhancement of Astroglial Aerobic Glycolysis by Extracellular Lactate-Mediated Increase in cAMP. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 148.	1.4	57
16	Recent advances in hippocampal structure and function. <i>Cell and Tissue Research</i> , 2018, 373, 521-523.	1.5	1
17	Exercise induces cerebral VEGF and angiogenesis via the lactate receptor HCAR1. <i>Nature Communications</i> , 2017, 8, 15557.	5.8	321
18	A ketogenic diet accelerates neurodegeneration in mice with induced mitochondrial DNA toxicity in the forebrain. <i>Neurobiology of Aging</i> , 2016, 48, 34-47.	1.5	30

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19	Observations on hippocampal mossy cells in mink (<i>Neovison vison</i>) with special reference to dendrites ascending to the granular and molecular layers. <i>Hippocampus</i> , 2016, 26, 229-245.	0.9	6
20	Lactate Transport and Receptor Actions in Retina: Potential Roles in Retinal Function and Disease. <i>Neurochemical Research</i> , 2016, 41, 1229-1236.	1.6	41
21	Neuroglial Transmission. <i>Physiological Reviews</i> , 2015, 95, 695-726.	13.1	160
22	The lactate receptor, G-protein-coupled receptor 81/hydroxycarboxylic acid receptor 1: Expression and action in brain. <i>Journal of Neuroscience Research</i> , 2015, 93, 1045-1055.	1.3	150
23	Impaired dynamics and function of mitochondria caused by mtDNA toxicity leads to heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H434-H449.	1.5	38
24	Reorganization of supramammillary-hippocampal pathways in the rat pilocarpine model of temporal lobe epilepsy: evidence for axon terminal sprouting. <i>Brain Structure and Function</i> , 2015, 220, 2449-2468.	1.2	30
25	Lactate Receptor Sites Link Neurotransmission, Neurovascular Coupling, and Brain Energy Metabolism. <i>Cerebral Cortex</i> , 2014, 24, 2784-2795.	1.6	261
26	The glia doctrine: Addressing the role of glial cells in healthy brain ageing. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 449-459.	2.2	28
27	Low dopamine D5 receptor density in hippocampus in an animal model of attention-deficit/hyperactivity disorder (ADHD). <i>Neuroscience</i> , 2013, 242, 11-20.	1.1	17
28	Dopamine D5 receptors are localized at asymmetric synapses in the rat hippocampus. <i>Neuroscience</i> , 2011, 192, 164-171.	1.1	13
29	A Role for Glutamate Transporters in the Regulation of Insulin Secretion. <i>PLoS ONE</i> , 2011, 6, e22960.	1.1	53
30	Synapsin- and Actin-Dependent Frequency Enhancement in Mouse Hippocampal Mossy Fiber Synapses. <i>Cerebral Cortex</i> , 2009, 19, 511-523.	1.6	20
31	System A Transporter SAT2 Mediates Replenishment of Dendritic Glutamate Pools Controlling Retrograde Signaling by Glutamate. <i>Cerebral Cortex</i> , 2009, 19, 1092-1106.	1.6	76
32	Vesicular Glutamate and GABA Transporters Sort to Distinct Sets of Vesicles in a Population of Presynaptic Terminals. <i>Cerebral Cortex</i> , 2009, 19, 241-248.	1.6	82
33	The spontaneously hypertensive rat model of ADHD – The importance of selecting the appropriate reference strain. <i>Neuropharmacology</i> , 2009, 57, 619-626.	2.0	176
34	N-methyl-d-aspartate receptor subunit dysfunction at hippocampal glutamatergic synapses in an animal model of attention-deficit/hyperactivity disorder. <i>Neuroscience</i> , 2009, 158, 353-364.	1.1	64
35	Protein trafficking, targeting, and interaction at the glutamate synapse. <i>Neuroscience</i> , 2009, 158, 1-3.	1.1	1
36	β -Amyloid 25-35 Peptide Reduces the Expression of Glutamine Transporter SAT1 in Cultured Cortical Neurons. <i>Neurochemical Research</i> , 2008, 33, 248-256.	1.6	12

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37	Immunogold quantification of amino acids and proteins in complex subcellular compartments. <i>Nature Protocols</i> , 2008, 3, 144-152.	5.5	94
38	From cochlea to cortex: A tribute to Kirsten Kjelsberg Osen. <i>Neuroscience</i> , 2008, 154, 1-9.	1.1	1
39	The components required for amino acid neurotransmitter signaling are present in adipose tissues. <i>Journal of Lipid Research</i> , 2007, 48, 2123-2132.	2.0	16
40	Subcellular localization of the glutamate transporters GLAST and GLT at the neuromuscular junction in rodents. <i>Neuroscience</i> , 2007, 145, 579-591.	1.1	27
41	Changes in vesicular transporters for $\hat{3}$ -aminobutyric acid and glutamate reveal vulnerability and reorganization of hippocampal neurons following pilocarpine-induced seizures. <i>Journal of Comparative Neurology</i> , 2007, 503, 466-485.	0.9	56
42	Co-localization and functional cross-talk between A ₁ and P2Y ₁ purine receptors in rat hippocampus. <i>European Journal of Neuroscience</i> , 2007, 26, 890-902.	1.2	49
43	Propionate increases neuronal histone acetylation, but is metabolized oxidatively by glia. Relevance for propionic acidemia. <i>Journal of Neurochemistry</i> , 2007, 101, 806-814.	2.1	53
44	Distribution of vesicular glutamate transporters 1 and 2 in the rat spinal cord, with a note on the spinocervical tract. <i>Journal of Comparative Neurology</i> , 2006, 497, 683-701.	0.9	75
45	Induction and Targeting of the Glutamine Transporter SN1 to the Basolateral Membranes of Cortical Kidney Tubule Cells during Chronic Metabolic Acidosis Suggest a Role in pH Regulation. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 869-877.	3.0	61
46	Ultrastructural quantification of glutamate receptors at excitatory synapses in hippocampus of synapsin I+II double knock-out mice. <i>Neuroscience</i> , 2005, 136, 769-777.	1.1	12
47	Glycine, GABA and their transporters in pancreatic islets of Langerhans: evidence for a paracrine transmitter interplay. <i>Journal of Cell Science</i> , 2004, 117, 3749-3758.	1.2	68
48	Vesicular Glutamate Transporters 1 and 2 Target to Functionally Distinct Synaptic Release Sites. <i>Science</i> , 2004, 304, 1815-1819.	6.0	419
49	Endocannabinoid-Independent Retrograde Signaling at Inhibitory Synapses in Layer 2/3 of Neocortex: Involvement of Vesicular Glutamate Transporter 3. <i>Journal of Neuroscience</i> , 2004, 24, 4978-4988.	1.7	90
50	Expression of the vesicular glutamate transporters during development indicates the widespread corelease of multiple neurotransmitters. <i>Journal of Comparative Neurology</i> , 2004, 480, 264-280.	0.9	239
51	Commissural propriospinal connections between the lateral aspects of laminae III-IV in the lumbar spinal cord of rats. <i>Journal of Comparative Neurology</i> , 2004, 480, 364-377.	0.9	34
52	GABAergic synapses in hippocampus exocytose aspartate on to NMDA receptors: quantitative immunogold evidence for co-transmission. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 156-165.	1.0	60
53	Highly differential expression of SN1, a bidirectional glutamine transporter, in astroglia and endothelium in the developing rat brain. <i>Glia</i> , 2003, 41, 260-275.	2.5	62
54	The identification of vesicular glutamate transporter 3 suggests novel modes of signaling by glutamate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14488-14493.	3.3	498

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55	Cell-specific expression of the glutamine transporter SN1 suggests differences in dependence on the glutamine cycle. <i>European Journal of Neuroscience</i> , 2002, 15, 1615-1631.	1.2	124
56	The Expression of Vesicular Glutamate Transporters Defines Two Classes of Excitatory Synapse. <i>Neuron</i> , 2001, 31, 247-260.	3.8	1,114
57	Coupled and uncoupled proton movement by amino acid transport system N. <i>EMBO Journal</i> , 2001, 20, 7041-7051.	3.5	100
58	Redistribution of Neuroactive Amino Acids in Hippocampus and Striatum during Hypoglycemia: A Quantitative Immunogold Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 41-51.	2.4	62
59	A dendrodendritic reciprocal synapse provides a recurrent excitatory connection in the olfactory bulb. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 6441-6446.	3.3	70
60	Chapter II Aspartate's neurochemical evidence for a transmitter role. <i>Handbook of Chemical Neuroanatomy</i> , 2000, 18, 45-62.	0.3	9
61	Development, neurochemical properties, and axonal projections of a population of last-order premotor interneurons in the white matter of the chick lumbosacral spinal cord. , 2000, 286, 157-172.		5
62	Ultrastructural evidence for a preferential elimination of glutamate-immunoreactive synaptic terminals from spinal motoneurons after intramedullary axotomy. <i>Journal of Comparative Neurology</i> , 2000, 425, 10-23.	0.9	94
63	Protein Phosphatase-1 Regulation in the Induction of Long-Term Potentiation: Heterogeneous Molecular Mechanisms. <i>Journal of Neuroscience</i> , 2000, 20, 3537-3543.	1.7	91
64	Interindividual differences in the levels of the glutamate transporters GLAST and GLT, but no clear correlation with Alzheimer's disease. <i>Journal of Neuroscience Research</i> , 1999, 55, 218-229.	1.3	89
65	Expression of the glutamate transporters in human temporal lobe epilepsy. <i>Neuroscience</i> , 1999, 88, 1083-1091.	1.1	101
66	Molecular Analysis of System N Suggests Novel Physiological Roles in Nitrogen Metabolism and Synaptic Transmission. <i>Cell</i> , 1999, 99, 769-780.	13.5	299
67	Dedication to Frode Fonnum. <i>Progress in Brain Research</i> , 1998, 116, xi-xii.	0.9	1
68	Chapter 3 Properties and localization of glutamate transporters. <i>Progress in Brain Research</i> , 1998, 116, 23-43.	0.9	98
69	The Vesicular GABA Transporter, VGAT, Localizes to Synaptic Vesicles in Sets of Glycinergic as Well as GABAergic Neurons. <i>Journal of Neuroscience</i> , 1998, 18, 9733-9750.	1.7	555
70	Synaptic Vesicular Localization and Exocytosis of Aspartate in Excitatory Nerve Terminals: A Quantitative Immunogold Analysis in Rat Hippocampus. <i>Journal of Neuroscience</i> , 1998, 18, 6059-6070.	1.7	148
71	The Glutamate Transporter EAAT4 in Rat Cerebellar Purkinje Cells: A Glutamate-Gated Chloride Channel Concentrated near the Synapse in Parts of the Dendritic Membrane Facing Astroglia. <i>Journal of Neuroscience</i> , 1998, 18, 3606-3619.	1.7	317
72	Chapter 6 Molecular organization of cerebellar glutamate synapses. <i>Progress in Brain Research</i> , 1997, 114, 97-107.	0.9	14

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73	Glial and neuronal glutamine pools at glutamatergic synapses with distinct properties. <i>Neuroscience</i> , 1997, 77, 1201-1212.	1.1	17
74	Discrete cellular and subcellular localization of glutamine synthetase and the glutamate transporter GLAST in the rat vestibular end organ. <i>Neuroscience</i> , 1997, 79, 1137-1144.	1.1	82
75	Differential Developmental Expression of the Two Rat Brain Glutamate Transporter Proteins GLAST and GLT. <i>European Journal of Neuroscience</i> , 1997, 9, 1646-1655.	1.2	183
76	Differential distribution of the glutamate transporters GLT1 and EAAC1 in rat cerebral cortex and thalamus: an in situ hybridization analysis. <i>Anatomy and Embryology</i> , 1997, 195, 317-326.	1.5	97
77	Direct evidence of an extensive GABAergic innervation of the spinal dorsal horn by fibres descending from the rostral ventromedial medulla. <i>Neuroscience</i> , 1996, 73, 509-518.	1.1	167
78	Cloning and expression of a neuronal rat brain glutamate transporter. <i>Molecular Brain Research</i> , 1996, 36, 163-168.	2.5	60
79	Qualitative and quantitative analysis of glycine- and GABA-immunoreactive nerve terminals on motoneuron cell bodies in the cat spinal cord: A postembedding electron microscopic study. , 1996, 365, 413-426.		88
80	γ -aminobutyric acid and glycine in the baboon cochlear nuclei: An immunocytochemical colocalization study with reference to interspecies differences in inhibitory systems. <i>Journal of Comparative Neurology</i> , 1996, 369, 497-519.	0.9	55
81	Immunocytochemical Evidence that Glutamate is a Neurotransmitter in the Cochlear Nerve: A Quantitative Study in the Guinea-pig Anteroventral Cochlear Nucleus. <i>European Journal of Neuroscience</i> , 1996, 8, 79-91.	1.2	50
82	Selective Excitatory Amino Acid Uptake in Glutamatergic Nerve Terminals and in Glia in the Rat Striatum: Quantitative Electron Microscopic Immunocytochemistry of Exogenous D-Aspartate and Endogenous Glutamate and GABA. <i>European Journal of Neuroscience</i> , 1996, 8, 758-765.	1.2	53
83	Qualitative and quantitative analysis of glycine- and GABA-immunoreactive nerve terminals on motoneuron cell bodies in the cat spinal cord: A postembedding electron microscopic study. , 1996, 365, 413.		1
84	la boutons to CCN neurones and motoneurones are enriched with glutamate-like immunoreactivity. <i>NeuroReport</i> , 1995, 6, 1975-1980.	0.6	33
85	Differential expression of two glial glutamate transporters in the rat brain: quantitative and immunocytochemical observations. <i>Journal of Neuroscience</i> , 1995, 15, 1835-1853.	1.7	824
86	Glutamate is concentrated in and released from parallel fiber terminals in the dorsal cochlear nucleus: A quantitative immunocytochemical analysis in guinea pig. <i>Journal of Comparative Neurology</i> , 1995, 357, 482-500.	0.9	54
87	Down-regulation of Glial Glutamate Transporters after Glutamatergic Denervation in the Rat Brain. <i>European Journal of Neuroscience</i> , 1995, 7, 2036-2041.	1.2	132
88	Synaptic organization of excitatory and inhibitory boutons associated with spinal neurons which project through the dorsal columns of the cat. <i>Brain Research</i> , 1995, 676, 103-112.	1.1	25
89	Quantification of excitatory amino acid uptake at intact glutamatergic synapses by immunocytochemistry of exogenous D-aspartate. <i>Journal of Neuroscience</i> , 1995, 15, 4417-4428.	1.7	71
90	Presynaptic glutamate levels in tonic and phasic motor axons correlate with properties of synaptic release. <i>Journal of Neuroscience</i> , 1995, 15, 7168-7180.	1.7	36

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91	Glycine transporters are differentially expressed among CNS cells. <i>Journal of Neuroscience</i> , 1995, 15, 3952-3969.	1.7	494
92	Glutamate transporters in glial plasma membranes: Highly differentiated localizations revealed by quantitative ultrastructural immunocytochemistry. <i>Neuron</i> , 1995, 15, 711-720.	3.8	741
93	Quantitative ultrastructural localization of glutamate dehydrogenase in the rat cerebellar cortex. <i>Neuroscience</i> , 1995, 64, iii-xvi.	1.1	26
94	Differential subcellular distribution of glutamate, and taurine in primary olfactory neurones. <i>NeuroReport</i> , 1994, 6, 145-148.	0.6	22
95	Colocalization of glutamate and glycine in bipolar cell terminals of the human retina. <i>Experimental Brain Research</i> , 1994, 98, 342-54.	0.7	30
96	Extrasynaptic localization of taurine-like immunoreactivity in the lamprey spinal cord. <i>Journal of Comparative Neurology</i> , 1994, 347, 301-311.	0.9	12
97	Differential Expression of Two Glial Glutamate Transporters in the Rat Brain: an In Situ Hybridization Study. <i>European Journal of Neuroscience</i> , 1994, 6, 936-942.	1.2	180
98	Colocalization of β -aminobutyrate and gastrin in the rat antrum: An immunocytochemical and in situ hybridization study. <i>Gastroenterology</i> , 1994, 107, 137-148.	0.6	22
99	Chapter 7 Sodium/potassium-coupled glutamate transporters, a "new" family of eukaryotic proteins: do they have "new" physiological roles and could they be new targets for pharmacological intervention?. <i>Progress in Brain Research</i> , 1994, 100, 53-60.	0.9	12
100	Immunohistochemical evidence for coexistence of glycine and GABA in nerve terminals on cat spinal motoneurons. <i>NeuroReport</i> , 1994, 5, 889-892.	0.6	85
101	GABA- and glycine-immunoreactive neurons in the spinal cord of the carp, <i>Cyprinus carpio</i> . <i>Journal of Comparative Neurology</i> , 1993, 332, 59-68.	0.9	24
102	Immunocytochemical localization of amino acid neurotransmitter candidates in the ventral horn of the cat spinal cord: a light microscopic study. <i>Experimental Brain Research</i> , 1993, 96, 404-18.	0.7	62
103	Glutamate-like Immunoreactivity in Retinal Terminals of the Mouse Suprachiasmatic Nucleus. <i>European Journal of Neuroscience</i> , 1993, 5, 368-381.	1.2	184
104	Demonstration of glutamate/aspartate uptake activity in nerve endings by use of antibodies recognizing exogenous d-aspartate. <i>Neuroscience</i> , 1993, 57, 97-111.	1.1	132
105	Chapter 19: Ultrastructural immunocytochemical observations on the localization, metabolism and transport of glutamate in normal and ischemic brain tissue. <i>Progress in Brain Research</i> , 1992, 94, 225-241.	0.9	76
106	An [Na ⁺ + K ⁺]coupled L-glutamate transporter purified from rat brain is located in glial cell processes. <i>Neuroscience</i> , 1992, 51, 295-310.	1.1	419
107	An atlas of glycine- and GABA-like immunoreactivity and colocalization in the cochlear nuclear complex of the guinea pig. <i>Anatomy and Embryology</i> , 1992, 186, 443-65.	1.5	215
108	Cloning and expression of a rat brain L-glutamate transporter. <i>Nature</i> , 1992, 360, 464-467.	13.7	1,197

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109	The termination pattern and postsynaptic targets of rubrospinal fibers in the rat spinal cord: A light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 1992, 325, 22-37.	0.9	80
110	Direct observations of synapses between L-glutamate-immunoreactive boutons and identified spinocervical tract neurones in the spinal cord of the cat. <i>Journal of Comparative Neurology</i> , 1992, 326, 485-500.	0.9	18
111	Aspartate- and Glutamate-like Immunoreactivities in Rat Hippocampal Slices: Depolarization-induced Redistribution and Effects of Precursors. <i>European Journal of Neuroscience</i> , 1991, 3, 1281-1299.	1.2	44
112	Glutamate, GABA, and glycine in the human retina: An immunocytochemical investigation. <i>Journal of Comparative Neurology</i> , 1991, 311, 483-494.	0.9	143
113	Distribution of glutamine-like immunoreactivity in the cerebellum of rat and baboon (<i>Papio anubis</i>) with reference to the issue of metabolic compartmentation. <i>Anatomy and Embryology</i> , 1991, 184, 213-223.	1.5	24
114	GABA-like and glycine-like immunoreactivities of the cochlear root nucleus in rat. <i>Journal of Neurocytology</i> , 1991, 20, 17-25.	1.6	49
115	GABA and glutamate-like immunoreactivity in processes presynaptic to afferents from hair plates on the proximal joints of the locust leg. <i>Journal of Neurocytology</i> , 1991, 20, 796-809.	1.6	22
116	Theodor Wilhelm Blackstad - A Unique Neuroanatomist and Human Being. <i>Progress in Brain Research</i> , 1990, 83, XIII-XV.	0.9	0
117	Projections to the pontine nuclei from choline acetyltransferase-like immunoreactive neurons in the brainstem of the cat. <i>Journal of Comparative Neurology</i> , 1990, 300, 183-195.	0.9	12
118	Chapter 8 A quantitative electron microscopic immunocytochemical study of the distribution and synaptic handling of glutamate in rat hippocampus. <i>Progress in Brain Research</i> , 1990, 83, 99-114.	0.9	62
119	Immunocytochemistry of glutamate at the synaptic level. <i>Journal of Histochemistry and Cytochemistry</i> , 1990, 38, 1733-1743.	1.3	117
120	Central boutons of glomeruli in the spinal cord of the cat are enriched with l-glutamate-like immunoreactivity. <i>Neuroscience</i> , 1990, 36, 83-104.	1.1	80
121	Distribution of glutamate-like immunoreactivity in excitatory hippocampal pathways: A semiquantitative electron microscopic study in rats. <i>Neuroscience</i> , 1990, 39, 405-417.	1.1	120
122	Three types of GABA-immunoreactive cells in the lamprey spinal cord. <i>Brain Research</i> , 1990, 508, 172-175.	1.1	68
123	Terminals of group Ia primary afferent fibres in Clarke's column are enriched with l-glutamate-like immunoreactivity. <i>Brain Research</i> , 1990, 510, 346-350.	1.1	49
124	Immunocytochemical localization of glutamate, GABA and glycine in the human retina. , 1990, , 573-582.		1
125	Shapes and projections of neurons with immunoreactivity for gamma-aminobutyric acid in the guinea-pig small intestine. <i>Cell and Tissue Research</i> , 1989, 256, 293-301.	1.5	52
126	GABA-immunoreactive cells in the rat gastrointestinal epithelium. <i>Anatomy and Embryology</i> , 1989, 179, 221-226.	1.5	21

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127	GABA, glycine, glutamate, aspartate and taurine in the perihypoglossal nuclei: an immunocytochemical investigation in the cat with particular reference to the issue of amino acid colocalization. <i>Experimental Brain Research</i> , 1989, 78, 345-57.	0.7	53
128	Taurine-like immunoreactivity in the brain of the honeybee. <i>Journal of Comparative Neurology</i> , 1988, 268, 60-70.	0.9	83
129	Immunocytochemical evidence suggests that taurine is colocalized with GABA in the Purkinje cell terminals, but that the stellate cell terminals predominantly contain GABA: a light- and electronmicroscopic study of the rat cerebellum. <i>Experimental Brain Research</i> , 1988, 72, 407-16.	0.7	71
130	Colocalization of glycine-like and GABA-like immunoreactivities in Golgi cell terminals in the rat cerebellum: a postembedding light and electron microscopic study. <i>Brain Research</i> , 1988, 450, 342-353.	1.1	220
131	Heterogeneous distribution of gaba-immunoreactive nerve fibers and axon terminals in the superior cervical ganglion of adult rat. <i>Neuroscience</i> , 1988, 26, 635-644.	1.1	33
132	Bipolar cells in the turtle retina are strongly immunoreactive for glutamate.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 8321-8325.	3.3	150
133	Anatomy of Putative Glutamatergic Neurons. , 1988, , 39-70.		28
134	Tracing of neurons with glutamate or γ -aminobutyrate as putative transmitters. <i>Biochemical Society Transactions</i> , 1987, 15, 210-213.	1.6	9
135	Postnatal development of neurons containing both catecholaminergic and GABAergic traits in the rat main olfactory bulb. <i>Brain Research</i> , 1987, 403, 355-360.	1.1	58
136	Localization of amino acid neurotransmitters by immunocytochemistry. <i>Trends in Neurosciences</i> , 1987, 10, 250-255.	4.2	75
137	Anatomical organization of excitatory amino acid receptors and their pathways. <i>Trends in Neurosciences</i> , 1987, 10, 273-280.	4.2	700
138	Redistribution of transmitter amino acids in rat hippocampus and cerebellum during seizures induced by allylglycine and bicuculline: An immunocytochemical study with antisera against conjugated gaba, glutamate and aspartate. <i>Neuroscience</i> , 1987, 22, 17-27.	1.1	19
139	Immunocytochemical localization of GABA in cat myenteric plexus. <i>Neuroscience Letters</i> , 1987, 73, 27-32.	1.0	46
140	Gamma-aminobutyrate-like immunoreactivity in the thalamus of the cat. <i>Neuroscience</i> , 1987, 21, 781-805.	1.1	98
141	Catecholaminergic neurons containing GABA-like and/or glutamic acid decarboxylase-like immunoreactivities in various brain regions of the rat. <i>Experimental Brain Research</i> , 1987, 66, 191-210.	0.7	199
142	Glycine-like immunoreactivity in the cerebellum of rat and Senegalese baboon, <i>Papio papio</i> : a comparison with the distribution of GABA-like immunoreactivity and with $[^3H]$ glycine and $[^3H]$ GABA uptake. <i>Experimental Brain Research</i> , 1987, 66, 211-21.	0.7	76
143	The early development of neurons with GABA immunoreactivity in the CNS of <i>Xenopus laevis</i> embryos. <i>Journal of Comparative Neurology</i> , 1987, 261, 435-449.	0.9	135
144	Quantification of immunogold labelling reveals enrichment of glutamate in mossy and parallel fibre terminals in cat cerebellum. <i>Neuroscience</i> , 1986, 19, 1045-1050.	1.1	352

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145	Implantation of D-[3H]aspartate loaded gel particles permits restricted uptake sites for transmitter-selective axonal transport. <i>Experimental Brain Research</i> , 1986, 63, 620-626.	0.7	23
146	Inhibitory neurones of a motor pattern generator in <i>Xenopus</i> revealed by antibodies to glycine. <i>Nature</i> , 1986, 324, 255-257.	13.7	150
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