

# Chiye J Aoki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9101353/publications.pdf>

Version: 2024-02-01

133  
papers

8,055  
citations

44069

48  
h-index

53230

85  
g-index

140  
all docs

140  
docs citations

140  
times ranked

7231  
citing authors

#	ARTICLE	IF	CITATIONS
1	GABAergic interneurons' feedback inhibition of dorsal raphe-projecting pyramidal neurons of the medial prefrontal cortex suppresses feeding of adolescent female mice undergoing activity-based anorexia. <i>Brain Structure and Function</i> , 2022, 227, 2127-2151.	2.3	5
2	Effects of adolescent experience of food restriction and exercise on spatial learning and open field exploration of female rats. <i>Hippocampus</i> , 2021, 31, 170-188.	1.9	8
3	Food Restriction Engages Prefrontal Corticostriatal Cells and Local Microcircuitry to Drive the Decision to Run versus Conserve Energy. <i>Cerebral Cortex</i> , 2021, 31, 2868-2885.	2.9	7
4	Suppression of food restriction-evoked hyperactivity in activity-based anorexia animal model through glutamate transporters GLT-1 at excitatory synapses in the hippocampus. <i>Synapse</i> , 2021, 75, e22197.	1.2	5
5	Activity-Based Anorexia, an Animal Model of Anorexia Nervosa for Investigating Brain Plasticity Underlying the Gain of Resilience. <i>Neuromethods</i> , 2021, , 267-296.	0.3	5
6	Neuronal Loss of the Glutamate Transporter GLT-1 Promotes Excitotoxic Injury in the Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 788262.	3.7	13
7	Integrity of White Matter is Compromised in Mice with Hyaluronan Deficiency. <i>Neurochemical Research</i> , 2020, 45, 53-67.	3.3	4
8	Remission from Chronic Anorexia Nervosa With Ketogenic Diet and Ketamine: Case Report. <i>Frontiers in Psychiatry</i> , 2020, 11, 763.	2.6	33
9	Conditional Knockout of GLT-1 in Neurons Leads to Alterations in Aspartate Homeostasis and Synaptic Mitochondrial Metabolism in Striatum and Hippocampus. <i>Neurochemical Research</i> , 2020, 45, 1420-1437.	3.3	17
10	An Increase of Excitatory-to-Inhibitory Synaptic Balance in the Contralateral Cortico-Striatal Pathway Underlies Improved Stroke Recovery in BDNF Val66Met SNP Mice. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 989-1002.	2.9	7
11	Deletion of Neuronal GLT-1 in Mice Reveals Its Role in Synaptic Glutamate Homeostasis and Mitochondrial Function. <i>Journal of Neuroscience</i> , 2019, 39, 4847-4863.	3.6	42
12	Voluntary Wheel Running Exercise Evoked by Food-Restriction Stress Exacerbates Weight Loss of Adolescent Female Rats But Also Promotes Resilience by Enhancing GABAergic Inhibition of Pyramidal Neurons in the Dorsal Hippocampus. <i>Cerebral Cortex</i> , 2019, 29, 4035-4049.	2.9	10
13	Dendrites of the dorsal and ventral hippocampal CA1 pyramidal neurons of singly housed female rats exhibit lamina-specific growths and retractions during adolescence that are responsive to pair housing. <i>Synapse</i> , 2018, 72, e22034.	1.2	14
14	$\alpha$ -4-GABAA receptors of hippocampal pyramidal neurons are associated with resilience against activity-based anorexia for adolescent female mice but not for males. <i>Molecular and Cellular Neurosciences</i> , 2018, 90, 33-48.	2.2	16
15	$\alpha$ -4 GABA receptors in dorsal hippocampal CA1 of adolescent female rats traffic to the plasma membrane of dendritic spines following voluntary exercise and contribute to protection of animals from activity-based anorexia through localization at excitatory synapses. <i>Journal of Neuroscience Research</i> , 2018, 96, 1450-1466.	2.9	12
16	Early life trauma increases threat response of peri-weaning rats, reduction of axosomatic synapses formed by parvalbumin cells and perineuronal net in the basolateral nucleus of amygdala. <i>Journal of Comparative Neurology</i> , 2018, 526, 2647-2664.	1.6	54
17	Single injection of ketamine during mid-adolescence promotes long-lasting resilience to activity-based anorexia of female mice by increasing food intake and attenuating hyperactivity as well as anxiety-like behavior. <i>International Journal of Eating Disorders</i> , 2018, 51, 1020-1025.	4.0	26
18	Variant BDNF-Val66Met Polymorphism is Associated with Layer-Specific Alterations in GABAergic Innervation of Pyramidal Neurons, Elevated Anxiety and Reduced Vulnerability of Adolescent Male Mice to Activity-Based Anorexia. <i>Cerebral Cortex</i> , 2017, 27, 3980-3993.	2.9	19

#	ARTICLE	IF	CITATIONS
19	Synaptic changes in the hippocampus of adolescent female rodents associated with resilience to anxiety and suppression of food restriction-evoked hyperactivity in an animal model for anorexia nervosa. <i>Brain Research</i> , 2017, 1654, 102-115.	2.2	49
20	Cerebellar sub-divisions differ in exercise-induced plasticity of noradrenergic axons and in their association with resilience to activity-based anorexia. <i>Brain Structure and Function</i> , 2017, 222, 317-339.	2.3	14
21	Role of $\hat{1}\pm 4$ -containing GABAA receptors in limiting synaptic plasticity and spatial learning of female mice during the pubertal period. <i>Brain Research</i> , 2017, 1654, 116-122.	2.2	16
22	From attachment to independence: stress hormone control of ecologically relevant emergence of infants's responses to threat. <i>Current Opinion in Behavioral Sciences</i> , 2017, 14, 78-85.	3.9	8
23	NR2A- and NR2B-NMDA receptors and drebrin within postsynaptic spines of the hippocampus correlate with hunger-evoked exercise. <i>Brain Structure and Function</i> , 2017, 222, 2271-2294.	2.3	23
24	Adolescence as a Critical Period for Developmental Plasticity. <i>Brain Research</i> , 2017, 1654, 85-86.	2.2	28
25	Making of a Synapse: Recurrent Roles of Drebrin A at Excitatory Synapses Throughout Life. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1006, 119-139.	1.6	11
26	Noradrenaline Drives Structural Changes in Astrocytes and Brain Extracellular Space. , 2017, , 241-255.		1
27	Activation of $\hat{1}\pm 4$ -adrenergic receptors in rat visual cortex expands astrocytic processes and reduces extracellular space volume. <i>Synapse</i> , 2016, 70, 307-316.	1.2	60
28	6.131 NEURODEVELOPMENT OF PARVALBUMIN CELLS AND PERINEURONAL NETS FOLLOWING EARLY LIFE TRAUMA. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, S246.	0.5	0
29	Enlargement of Axo-Somatic Contacts Formed by GAD-Immunoreactive Axon Terminals onto Layer V Pyramidal Neurons in the Medial Prefrontal Cortex of Adolescent Female Mice Is Associated with Suppression of Food Restriction-Evoked Hyperactivity and Resilience to Activity-Based Anorexia. <i>Cerebral Cortex</i> , 2016, 26, 2574-2589.	2.9	30
30	A Distributed Network for Social Cognition Enriched for Oxytocin Receptors. <i>Journal of Neuroscience</i> , 2016, 36, 2517-2535.	3.6	245
31	THE NEUROBIOLOGICAL ROOTS OF INDIVIDUALITY AND ANXIETY. <i>Scientia</i> , 2016, 107, 18-22.	0.0	0
32	Using the Activity-based Anorexia Rodent Model to Study the Neurobiological Basis of Anorexia Nervosa. <i>Journal of Visualized Experiments</i> , 2015, , e52927.	0.3	22
33	Neurosteroid effects at $\hat{1}\pm 4$ GABA A receptors alter spatial learning and synaptic plasticity in CA1 hippocampus across the estrous cycle of the mouse. <i>Brain Research</i> , 2015, 1621, 170-186.	2.2	28
34	Anxiety is correlated with running in adolescent female mice undergoing activity-based anorexia.. <i>Behavioral Neuroscience</i> , 2015, 129, 170-182.	1.2	58
35	Conditional Deletion of the Glutamate Transporter GLT-1 Reveals That Astrocytic GLT-1 Protects against Fatal Epilepsy While Neuronal GLT-1 Contributes Significantly to Glutamate Uptake into Synaptosomes. <i>Journal of Neuroscience</i> , 2015, 35, 5187-5201.	3.6	249
36	Exogenous progesterone exacerbates running response of adolescent female mice to repeated food restriction stress by changing $\hat{1}\pm 4$ -GABAA receptor activity of hippocampal pyramidal cells. <i>Neuroscience</i> , 2015, 310, 322-341.	2.3	18

#	ARTICLE	IF	CITATIONS
37	Experience-Dependent Synaptic Plasticity in the Developing Cerebral Cortex. , 2014, , 397-445.		1
38	Excitatory synapses on dendritic shafts of the caudal basal amygdala exhibit elevated levels of GABA <sub>A</sub> receptor $\alpha 4$ subunits following the induction of activity-based anorexia. Synapse, 2014, 68, 1-15.	1.2	25
39	Activity-based anorexia during adolescence disrupts normal development of the CA1 pyramidal cells in the ventral hippocampus of female rats. Hippocampus, 2014, 24, 1421-1429.	1.9	37
40	Activity-based anorexia has differential effects on apical dendritic branching in dorsal and ventral hippocampal CA1. Brain Structure and Function, 2014, 219, 1935-1945.	2.3	32
41	$\alpha 4\beta 2\gamma 7$ -GABAARs in the hippocampal CA1 as a biomarker for resilience to activity-based anorexia. Neuroscience, 2014, 265, 108-123.	2.3	22
42	Decreased expression of $\alpha 1$ in the R6/2 model of Huntington's disease does not worsen disease progression. European Journal of Neuroscience, 2013, 38, 2477-2490.	2.6	41
43	Sucrose Ingestion Induces Rapid AMPA Receptor Trafficking. Journal of Neuroscience, 2013, 33, 6123-6132.	3.6	31
44	Adolescent female C57BL/6 mice with vulnerability to activity-based anorexia exhibit weak inhibitory input onto hippocampal CA1 pyramidal cells. Neuroscience, 2013, 241, 250-267.	2.3	32
45	Cholinergic suppression of visual responses in primate V1 is mediated by GABAergic inhibition. Journal of Neurophysiology, 2012, 108, 1907-1923.	1.8	51
46	The Biochemical Anatomy of Cortical Inhibitory Synapses. PLoS ONE, 2012, 7, e39572.	2.5	50
47	Adolescent female rats exhibiting activity-based anorexia express elevated levels of GABA <sub>A</sub> receptor $\alpha 4$ and $\gamma 7$ subunits at the plasma membrane of hippocampal CA1 spines. Synapse, 2012, 66, 391-407.	1.2	55
48	Presenilin conditional double knockout mice exhibit decreases in drebrin a at hippocampal CA1 synapses. Synapse, 2012, 66, 870-879.	1.2	15
49	Knockout of the $\beta 3$ -aminobutyric acid receptor subunit $\alpha 4$ reduces functional $\gamma 7$ -containing extrasynaptic receptors in hippocampal pyramidal cells at the onset of puberty. Brain Research, 2012, 1450, 11-23.	2.2	28
50	Endogenous GluR1-containing AMPA receptors translocate to asymmetric synapses in the lateral amygdala during the early phase of fear memory formation: An electron microscopic immunocytochemical study. Journal of Comparative Neurology, 2010, 518, 4723-4739.	1.6	35
51	A Critical Role for $\alpha 4\beta 2\gamma 7$ GABA <sub>A</sub> Receptors in Shaping Learning Deficits at Puberty in Mice. Science, 2010, 327, 1515-1518.	12.6	146
52	Regulation of Inhibitory Synapse Function in the Developing Auditory CNS. , 2010, , 43-69.		1
53	Characterization of Age-Dependent and Progressive Cortical Neuronal Degeneration in Presenilin Conditional Mutant Mice. PLoS ONE, 2010, 5, e10195.	2.5	77
54	Puberty, steroids and GABA <sub>A</sub> receptor plasticity. Psychoneuroendocrinology, 2009, 34, S91-S103.	2.7	44

#	ARTICLE	IF	CITATIONS
55	Drebrin a knockout eliminates the rapid form of homeostatic synaptic plasticity at excitatory synapses of intact adult cerebral cortex. <i>Journal of Comparative Neurology</i> , 2009, 517, 105-121.	1.6	51
56	Increased levels of NMDA receptor NR2A subunits at pre- and postsynaptic sites of the hippocampal CA1: An early response to conditional double knockout of presenilin 1 and 2. <i>Journal of Comparative Neurology</i> , 2009, 517, 512-523.	1.6	14
57	SAP97 and CASK mediate sorting of NMDA receptors through a previously unknown secretory pathway. <i>Nature Neuroscience</i> , 2009, 12, 1011-1019.	14.8	184
58	Muscarinic acetylcholine receptors in macaque V1 are most frequently expressed by parvalbumin-immunoreactive neurons. <i>Journal of Comparative Neurology</i> , 2008, 507, 1748-1762.	1.6	97
59	Cholinergic modulation of local pyramidal-interneuron synapses exhibiting divergent short-term dynamics in rat sensory cortex. <i>Brain Research</i> , 2008, 1215, 97-104.	2.2	17
60	Hearing Loss Alters the Subcellular Distribution of Presynaptic GAD and Postsynaptic GABAA Receptors in the Auditory Cortex. <i>Cerebral Cortex</i> , 2008, 18, 2855-2867.	2.9	67
61	Silencing of Neuroligin Function by Postsynaptic Neurexins. <i>Journal of Neuroscience</i> , 2007, 27, 2815-2824.	3.6	128
62	Gain Modulation by Nicotine in Macaque V1. <i>Neuron</i> , 2007, 56, 701-713.	8.1	279
63	Relation between dendritic spine size and its drebrin A level in adult mouse brain. <i>Neuroscience Research</i> , 2007, 58, S140.	1.9	0
64	Drebrin a content correlates with spine head size in the adult mouse cerebral cortex. <i>Journal of Comparative Neurology</i> , 2007, 503, 618-626.	1.6	37
65	Chemical and morphological alterations of spines within the hippocampus and entorhinal cortex precede the onset of Alzheimer's disease pathology in double knock-in mice. <i>Journal of Comparative Neurology</i> , 2007, 505, 352-362.	1.6	20
66	Reversal of neurosteroid effects at $\alpha 4\beta 2\gamma$ GABAA receptors triggers anxiety at puberty. <i>Nature Neuroscience</i> , 2007, 10, 469-477.	14.8	220
67	In vivo, competitive blockade of N-methyl-d-aspartate receptors induces rapid changes in filamentous actin and drebrin A distributions within dendritic spines of adult rat cortex. <i>Neuroscience</i> , 2006, 140, 1177-1187.	2.3	25
68	Nicotinic and Muscarinic Reduction of Unitary Excitatory Postsynaptic Potentials in Sensory Cortex; Dual Intracellular Recording In Vitro. <i>Journal of Neurophysiology</i> , 2006, 95, 2155-2166.	1.8	39
69	Differential expression of muscarinic acetylcholine receptors across excitatory and inhibitory cells in visual cortical areas V1 and V2 of the macaque monkey. <i>Journal of Comparative Neurology</i> , 2006, 499, 49-63.	1.6	86
70	AMPA receptor downscaling at the onset of Alzheimer's disease pathology in double knockin mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3410-3415.	7.1	208
71	Stability of the distribution of spines containing drebrin A in the sensory cortex layer I of mice expressing mutated APP and PS1 genes. <i>Brain Research</i> , 2005, 1064, 66-74.	2.2	21
72	Drebrin A is a postsynaptic protein that localizes in vivo to the submembranous surface of dendritic sites forming excitatory synapses. <i>Journal of Comparative Neurology</i> , 2005, 483, 383-402.	1.6	109

#	ARTICLE	IF	CITATIONS
73	Hearing Loss Raises Excitability in the Auditory Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 3908-3918.	3.6	264
74	The Glutamate Transporter GLT1a Is Expressed in Excitatory Axon Terminals of Mature Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2004, 24, 1136-1148.	3.6	240
75	NMDA receptor blockade in intact adult cortex increases trafficking of NR2A subunits into spines, postsynaptic densities, and axon terminals. <i>Brain Research</i> , 2003, 963, 139-149.	2.2	41
76	In vivo blockade of N-methyl-d-aspartate receptors induces rapid trafficking of NR2B subunits away from synapses and out of spines and terminals in adult cortex. <i>Neuroscience</i> , 2003, 121, 51-63.	2.3	42
77	$\hat{I}\pm 7$ Nicotinic Acetylcholine Receptors Occur at Postsynaptic Densities of AMPA Receptor-Positive and -Negative Excitatory Synapses in Rat Sensory Cortex. <i>Journal of Neuroscience</i> , 2002, 22, 5001-5015.	3.6	91
78	Expression of a Variant Form of the Glutamate Transporter GLT1 in Neuronal Cultures and in Neurons and Astrocytes in the Rat Brain. <i>Journal of Neuroscience</i> , 2002, 22, 2142-2152.	3.6	193
79	Electron microscopic immunocytochemical detection of PSD-95, PSD-93, SAP-102, and SAP-97 at postsynaptic, presynaptic, and nonsynaptic sites of adult and neonatal rat visual cortex. <i>Synapse</i> , 2001, 40, 239-257.	1.2	125
80	Muscarinic receptor M2 in cat visual cortex: Laminar distribution, relationship to $\gamma$ -aminobutyric acidergic neurons, and effect of cingulate lesions. <i>Journal of Comparative Neurology</i> , 2001, 441, 168-185.	1.6	31
81	Use of Electron Microscopy in the Detection of Adrenergic Receptors. , 2000, 126, 535-563.		23
82	Localization of brain-derived neurotrophic factor and trkb receptors to postsynaptic densities of adult rat cerebral cortex. , 2000, 59, 454-463.		98
83	Ion Channel Clustering by Membrane-associated Guanylate Kinases. <i>Journal of Biological Chemistry</i> , 2000, 275, 23904-23910.	3.4	85
84	Dual Palmitoylation of Psd-95 Mediates Its Vesiculotubular Sorting, Postsynaptic Targeting, and Ion Channel Clustering. <i>Journal of Cell Biology</i> , 2000, 148, 159-172.	5.2	260
85	Ultrastructural Immunolocalization of the alpha7 nAChR Subunit in Guinea Pig Medial Prefrontal Cortex. <i>Annals of the New York Academy of Sciences</i> , 1999, 868, 628-632.	3.8	35
86	Cypin. <i>Neuron</i> , 1999, 24, 659-672.	8.1	93
87	Stimulatory effects of 4-methylcatechol, dopamine and levodopa on the expression of metallothionein-III (GIF) mRNA in immortalized mouse brain glial cells (VR-2g). <i>Brain Research</i> , 1998, 792, 335-339.	2.2	17
88	Preservation of ultrastructure and antigenicity for EM immunocytochemistry following intracellular recording and labeling of single cortical neurons in brain slices. <i>Journal of Neuroscience Methods</i> , 1998, 81, 91-102.	2.5	4
89	A method of combining biocytin tract-tracing with avidin-biotin-peroxidase complex immunocytochemistry for pre-embedding electron microscopic labeling in neonatal tissue. <i>Journal of Neuroscience Methods</i> , 1998, 81, 189-197.	2.5	7
90	Cellular and subcellular sites for noradrenergic action in the monkey dorsolateral prefrontal cortex as revealed by the immunocytochemical localization of noradrenergic receptors and axons. <i>Cerebral Cortex</i> , 1998, 8, 269-277.	2.9	128

#	ARTICLE	IF	CITATIONS
91	Chapter 7 The subcellular distribution of nitric oxide synthase relative to the NR1 subunit of NMDA receptors in the cerebral cortex. <i>Progress in Brain Research</i> , 1998, 118, 83-97.	1.4	37
92	Differential timing for the appearance of neuronal and astrocytic $\beta$ -adrenergic receptors in the developing rat visual cortex as revealed by light and electron-microscopic immunocytochemistry. <i>Visual Neuroscience</i> , 1997, 14, 1129-1142.	1.0	11
93	The synthesis of ATP by glycolytic enzymes in the postsynaptic density and the effect of endogenously generated nitric oxide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 13273-13278.	7.1	112
94	Catecholamines, Opioids, and Vagal Afferents in the Nucleus of the Solitary Tract. <i>Advances in Pharmacology</i> , 1997, 42, 642-645.	2.0	3
95	Noradrenergic Modulation of the Prefrontal Cortex as Revealed by Electron Microscopic Immunocytochemistry. <i>Advances in Pharmacology</i> , 1997, 42, 777-780.	2.0	30
96	NMDA-R1 subunit of the cerebral cortex co-localizes with neuronal nitric oxide synthase at pre- and postsynaptic sites and in spines. <i>Brain Research</i> , 1997, 750, 25-40.	2.2	102
97	Postnatal changes in the laminar and subcellular distribution of NMDA-R1 subunits in the cat visual cortex as revealed by immuno-electron microscopy. <i>Developmental Brain Research</i> , 1997, 98, 41-59.	1.7	22
98	Reduced sympathetic innervation after alteration of target cell neurotransmitter phenotype in transgenic mice.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 2862-2866.	7.1	9
99	Cellular and subcellular distribution of $\beta$ 2A-adrenergic receptors in the visual cortex of neonatal and adult rats. <i>Journal of Comparative Neurology</i> , 1996, 365, 79-95.	1.6	76
100	Cellular and subcellular distribution of $\beta$ 2A-adrenergic receptors in the visual cortex of neonatal and adult rats. <i>Journal of Comparative Neurology</i> , 1996, 365, 79-95.	1.6	1
101	Differential localization of NMDA and AMPA receptor subunits in the lateral and basal nuclei of the amygdala: A light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 1995, 362, 86-108.	1.6	157
102	The Earliest Events in Vesicular Stomatitis Virus Infection of the Murine Olfactory Neuroepithelium and Entry of the Central Nervous System. <i>Virology</i> , 1995, 209, 257-262.	2.4	112
103	Pathogenesis of murine encephalitis limited by defective interfering particles. An immunohistochemical study. <i>Journal of NeuroVirology</i> , 1995, 1, 207-218.	2.1	8
104	Columnar activity regulates astrocytic $\beta$ -adrenergic receptor-like immunoreactivity in V1 of adult monkeys. <i>Visual Neuroscience</i> , 1994, 11, 179-187.	1.0	17
105	Vesicular stomatitis virus: Immune recognition, responsiveness, and pathogenesis of infection in mice. <i>Reviews in Medical Virology</i> , 1994, 4, 129-140.	8.3	7
106	Distribution of vesicular stomatitis virus proteins in the brain of BALB/c mice following intranasal inoculation: an immunohistochemical analysis. <i>Brain Research</i> , 1994, 635, 81-95.	2.2	92
107	Perikaryal and synaptic localization of $\beta$ 2A-adrenergic receptor-like immunoreactivity. <i>Brain Research</i> , 1994, 650, 181-204.	2.2	197
108	Nitric oxide synthase in the visual cortex of monocular monkeys as revealed by light and electron microscopic immunocytochemistry. <i>Brain Research</i> , 1993, 620, 97-113.	2.2	127

#	ARTICLE	IF	CITATIONS
109	Cholinergic terminals in the cat visual cortex: Ultrastructural basis for interaction with glutamate-immunoreactive neurons and other cells. <i>Visual Neuroscience</i> , 1992, 8, 177-191.	1.0	67
110	Ultrastructural relations between $\hat{I}^2$ -adrenergic receptors and catecholaminergic neurons. <i>Brain Research Bulletin</i> , 1992, 29, 257-263.	3.0	52
111	C-terminal tail of $\hat{I}^2$ -adrenergic receptors: immunocytochemical localization within astrocytes and their relation to catecholaminergic neurons in N. tractus solitarii and area postrema. <i>Brain Research</i> , 1992, 571, 35-49.	2.2	64
112	Glutamate immunoreactive terminals in the lateral amygdaloid nucleus: a possible substrate for emotional memory. <i>Brain Research</i> , 1992, 593, 145-158.	2.2	74
113	Light and electron microscopic localization of $\hat{I}^{\pm}$ subunits of GTP-binding proteins, G0 and G1, in the cerebral cortex and hippocampus of rat brain. <i>Brain Research</i> , 1992, 596, 189-201.	2.2	18
114	Immunocytochemical Study of GnRH and GnRH-Associated Peptide in Male Syrian Hamsters as a Function of Photoperiod and Gonadal Alterations. <i>Neuroendocrinology</i> , 1992, 55, 134-145.	2.5	44
115	Identification of mitochondrial and non-mitochondrial glutaminase within select neurons and glia of rat forebrain by electron microscopic immunocytochemistry. <i>Journal of Neuroscience Research</i> , 1991, 28, 531-548.	2.9	76
116	Optimization of differential immunogold-silver and peroxidase labeling with maintenance of ultrastructure in brain sections before plastic embedding. <i>Journal of Neuroscience Methods</i> , 1990, 33, 113-127.	2.5	442
117	Ultrastructural Immunocytochemical Evidence for Presynaptic Localization of Beta-Adrenergic Receptors in the Striatum and Cerebral Cortex of Rat Brain. <i>Annals of the New York Academy of Sciences</i> , 1990, 604, 582-585.	3.8	12
118	Neuropeptide Y in Cortex and Striatum.. <i>Annals of the New York Academy of Sciences</i> , 1990, 611, 186-205.	3.8	70
119	Neuropeptide Y in the cerebral cortex and the caudate-putamen nuclei: ultrastructural basis for interactions with GABAergic and non-GABAergic neurons. <i>Journal of Neuroscience</i> , 1989, 9, 4333-4354.	3.6	78
120	Cytoplasmic loop of $\hat{I}^2$ -adrenergic receptors: synaptic and intracellular localization and relation to catecholaminergic neurons in the nuclei of the solitary tracts. <i>Brain Research</i> , 1989, 493, 331-347.	2.2	56
121	Plasticity in Brain Development. <i>Scientific American</i> , 1988, 259, 56-64.	1.0	114
122	Neuropeptide Y-containing neurons in the rat striatum: ultrastructure and cellular relations with tyrosine hydroxylase-containing terminals and with astrocytes. <i>Brain Research</i> , 1988, 459, 205-225.	2.2	70
123	Benzodiazepine ( $[^3H]$ flunitrazepam) binding in cat visual cortex: ontogenesis of normal characteristics and the effects of dark rearing. <i>Developmental Brain Research</i> , 1987, 37, 67-76.	1.7	31
124	Differential glucose utilization in the parafascicular region during slow-wave sleep, the still-alert state and locomotion. <i>Brain Research</i> , 1987, 423, 399-402.	2.2	3
125	Ultrastructural localization of $\hat{I}^2$ -adrenergic receptor-like immunoreactivity in the cortex and neostriatum of rat brain. <i>Brain Research</i> , 1987, 437, 264-282.	2.2	116
126	Glial glutamate dehydrogenase: Ultrastructural localization and regional distribution in relation to the mitochondrial enzyme, cytochrome oxidase. <i>Journal of Neuroscience Research</i> , 1987, 18, 305-318.	2.9	88



#	ARTICLE	IF	CITATIONS
127	The laminar distributions and postnatal development of neurotransmitter and neuromodulator receptors in cat visual cortex. Brain Research Bulletin, 1986, 16, 661-671.	3.0	86
128	The ontogeny of the laminar distribution of $\beta^2$ -adrenergic receptors in the visual cortex of cats, normally reared and dark-reared. Developmental Brain Research, 1986, 27, 109-116.	1.7	32
129	The Role of Hormone-Stimulated cAMP Metabolism in Visual Cortical Plasticity. Cell and Developmental Biology of the Eye, 1986, , 143-155.	0.1	0
130	Comparison of Proteins Involved with Cyclic AMP Metabolism Between Synaptic Membrane and Postsynaptic Density Preparations Isolated from Canine Cerebral Cortex and Cerebellum. Journal of Neurochemistry, 1985, 44, 966-978.	3.9	13
131	Modification of neurotransmitter receptor sensitivity in cat visual cortex during the critical period. Developmental Brain Research, 1985, 22, 67-73.	1.7	30
132	Development of the A1 adenosine receptors in the visual cortex of cats, dark-reared and normally reared. Developmental Brain Research, 1985, 22, 125-133.	1.7	15
133	Alterations in receptor number, affinity and laminar distribution in cat visual cortex during the critical period. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1984, 8, 627-634.	4.8	22