

Yoland Smith

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170
papers

11,105
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58
h-index

100
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184
ext. papers

12,288
ext. citations

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6.27
L-index

#	Paper	IF	Citations
170	Goal-directed and habitual control in the basal ganglia: implications for Parkinson's disease. <i>Nature Reviews Neuroscience</i> , 2010 , 11, 760-72	13.5	680
169	The thalamostriatal system: a highly specific network of the basal ganglia circuitry. <i>Trends in Neurosciences</i> , 2004 , 27, 520-7	13.3	439
168	Towards a transgenic model of Huntington's disease in a non-human primate. <i>Nature</i> , 2008 , 453, 921-4	50.4	378
167	Glutamate-dependent neuroglial calcium signaling differs between young and adult brain. <i>Science</i> , 2013 , 339, 197-200	33.3	370
166	Activation of metabotropic glutamate receptor 5 has direct excitatory effects and potentiates NMDA receptor currents in neurons of the subthalamic nucleus. <i>Journal of Neuroscience</i> , 2000 , 20, 7871-9	6.6	362
165	CART peptides in the central control of feeding and interactions with neuropeptide Y. <i>Synapse</i> , 1998 , 29, 293-8	2.4	319
164	Neurons of the subthalamic nucleus in primates display glutamate but not GABA immunoreactivity. <i>Brain Research</i> , 1988 , 453, 353-6	3.7	280
163	Subcortical projections of area 25 (subgenual cortex) of the macaque monkey. <i>Journal of Comparative Neurology</i> , 2000 , 421, 172-188	3.4	226
162	Anatomy of the dopamine system in the basal ganglia. <i>Trends in Neurosciences</i> , 2000 , 23, S28-33	13.3	221
161	Glutamatergic inputs from the pedunclopontine nucleus to midbrain dopaminergic neurons in primates: Phaseolus vulgaris-leucoagglutinin anterograde labeling combined with postembedding glutamate and GABA immunohistochemistry. <i>Journal of Comparative Neurology</i> , 1996 , 364, 254-66	3.4	206
160	Dopaminergic innervation of the basal ganglia in the squirrel monkey as revealed by tyrosine hydroxylase immunohistochemistry. <i>Journal of Comparative Neurology</i> , 1989 , 289, 36-52	3.4	164
159	Parkinson's disease therapeutics: new developments and challenges since the introduction of levodopa. <i>Neuropsychopharmacology</i> , 2012 , 37, 213-46	8.7	159
158	Differential subcellular localization of mGluR1a and mGluR5 in the rat and monkey Substantia nigra. <i>Journal of Neuroscience</i> , 2001 , 21, 1838-47	6.6	154
157	The thalamostriatal system in normal and diseased states. <i>Frontiers in Systems Neuroscience</i> , 2014 , 8, 5	3.5	150
156	The thalamostriatal systems: anatomical and functional organization in normal and parkinsonian states. <i>Brain Research Bulletin</i> , 2009 , 78, 60-8	3.9	142
155	Efferent connections of the internal globus pallidus in the squirrel monkey: I. topography and synaptic organization of the pallidothalamic projection. <i>Journal of Comparative Neurology</i> , 1997 , 382, 323-347	3.4	134
154	Neuropeptide Y-immunoreactive neurons in the striatum of cat and monkey: morphological characteristics, intrinsic organization and co-localization with somatostatin. <i>Brain Research</i> , 1986 , 372, 241-52	3.7	133

153	Organization of efferent projections of the subthalamic nucleus in the squirrel monkey as revealed by retrograde labeling methods. <i>Brain Research</i> , 1987 , 436, 296-310	3.7	132
152	Striatal and extrastriatal dopamine in the basal ganglia: an overview of its anatomical organization in normal and Parkinsonian brains. <i>Movement Disorders</i> , 2008 , 23 Suppl 3, S534-47	7	126
151	Current Opinions and Areas of Consensus on the Role of the Cerebellum in Dystonia. <i>Cerebellum</i> , 2017 , 16, 577-594	4.3	125
150	Differential synaptic innervation of striatofugal neurones projecting to the internal or external segments of the globus pallidus by thalamic afferents in the squirrel monkey. <i>Journal of Comparative Neurology</i> , 1996 , 365, 445-65	3.4	125
149	RGS14 is a natural suppressor of both synaptic plasticity in CA2 neurons and hippocampal-based learning and memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 16994-8	11.5	124
148	Dopaminergic denervation and spine loss in the striatum of MPTP-treated monkeys. <i>Experimental Neurology</i> , 2009 , 215, 220-7	5.7	122
147	Direct regulation of complex I by mitochondrial MEF2D is disrupted in a mouse model of Parkinson disease and in human patients. <i>Journal of Clinical Investigation</i> , 2011 , 121, 930-40	15.9	119
146	Cocaine- and amphetamine-regulated transcript peptide projections in the ventral midbrain: colocalization with gamma-aminobutyric acid, melanin-concentrating hormone, dynorphin, and synaptic interactions with dopamine neurons. <i>Journal of Comparative Neurology</i> , 2002 , 448, 360-72	3.4	108
145	Dendrodendritic and axoaxonic synapses in the thalamic reticular nucleus of the adult rat. <i>Journal of Neuroscience</i> , 1997 , 17, 3215-33	6.6	107
144	Activation of group I metabotropic glutamate receptors produces a direct excitation and disinhibition of GABAergic projection neurons in the substantia nigra pars reticulata. <i>Journal of Neuroscience</i> , 2001 , 21, 7001-12	6.6	107
143	Efferent connections of the internal globus pallidus in the squirrel monkey: II. topography and synaptic organization of pallidal efferents to the pedunculopontine nucleus. <i>Journal of Comparative Neurology</i> , 1997 , 382, 348-363	3.4	105
142	Differential synaptology of vGluT2-containing thalamostriatal afferents between the patch and matrix compartments in rats. <i>Journal of Comparative Neurology</i> , 2006 , 499, 231-43	3.4	103
141	Group I metabotropic glutamate receptors in the monkey striatum: subsynaptic association with glutamatergic and dopaminergic afferents. <i>Journal of Neuroscience</i> , 2003 , 23, 7659-69	6.6	103
140	Synaptic innervation of midbrain dopaminergic neurons by glutamate-enriched terminals in the squirrel monkey. <i>Journal of Comparative Neurology</i> , 1996 , 364, 231-53	3.4	102
139	Cholinergic interneurons in the dorsal and ventral striatum: anatomical and functional considerations in normal and diseased conditions. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1349, 1-45	6.5	100
138	Distribution of mGluR1alpha and mGluR5 immunolabeling in primate prefrontal cortex. <i>Journal of Comparative Neurology</i> , 2003 , 467, 521-35	3.4	99
137	AMPA and NMDA glutamate receptor subunits in midbrain dopaminergic neurons in the squirrel monkey: an immunohistochemical and in situ hybridization study. <i>Journal of Neuroscience</i> , 1997 , 17, 1377-96	6.6	94
136	The output organization of the substantia nigra in primate as revealed by a retrograde double labeling method. <i>Brain Research Bulletin</i> , 1983 , 10, 529-37	3.9	92

135	Ultrastructural evidence for pre- and postsynaptic localization of Cav1.2 L-type Ca ²⁺ channels in the rat hippocampus. <i>Journal of Comparative Neurology</i> , 2008 , 506, 569-83	3.4	91
134	Metabotropic glutamate receptor 5 antagonist protects dopaminergic and noradrenergic neurons from degeneration in MPTP-treated monkeys. <i>Brain</i> , 2011 , 134, 2057-73	11.2	89
133	Differential synaptic plasticity of the corticostriatal and thalamostriatal systems in an MPTP-treated monkey model of parkinsonism. <i>European Journal of Neuroscience</i> , 2008 , 27, 1647-58	3.5	87
132	Contextual inhibitory gating of impulse traffic in the intra-amygdaloid network. <i>Annals of the New York Academy of Sciences</i> , 2003 , 985, 78-91	6.5	86
131	P2Y ₁ receptor signaling is controlled by interaction with the PDZ scaffold NHERF-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 8042-7	11.5	86
130	Ultrastructural localization of CART (cocaine- and amphetamine-regulated transcript) peptides in the nucleus accumbens of monkeys. <i>Synapse</i> , 1997 , 27, 90-4	2.4	84
129	Nigral and pallidal inputs to functionally segregated thalamostriatal neurons in the centromedian/parafascicular intralaminar nuclear complex in monkey. <i>Journal of Comparative Neurology</i> , 2002 , 447, 286-99	3.4	82
128	Cat intraamygdaloid inhibitory network: ultrastructural organization of parvalbumin-immunoreactive elements. <i>Journal of Comparative Neurology</i> , 1998 , 391, 164-79	3.4	81
127	Thalamic contributions to Basal Ganglia-related behavioral switching and reinforcement. <i>Journal of Neuroscience</i> , 2011 , 31, 16102-6	6.6	80
126	Cocaine- and amphetamine-regulated transcript (CART) peptide immunoreactivity in myenteric plexus neurons of the rat ileum and co-localization with choline acetyltransferase. <i>Synapse</i> , 1998 , 30, 1-8	2.4	77
125	Group I metabotropic glutamate receptors at GABAergic synapses in monkeys. <i>Journal of Neuroscience</i> , 1999 , 19, 6488-96	6.6	77
124	Quantitative proteomic and genetic analyses of the schizophrenia susceptibility factor dysbindin identify novel roles of the biogenesis of lysosome-related organelles complex 1. <i>Journal of Neuroscience</i> , 2012 , 32, 3697-711	6.6	74
123	Adenosine A _{2A} receptor antagonism reverses inflammation-induced impairment of microglial process extension in a model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2014 , 67, 191-202	7.5	71
122	Distinct functional roles of the metabotropic glutamate receptors 1 and 5 in the rat globus pallidus. <i>Journal of Neuroscience</i> , 2003 , 23, 122-30	6.6	71
121	The corticostriatal and corticosubthalamic pathways: two entries, one target. So what?. <i>Frontiers in Systems Neuroscience</i> , 2011 , 5, 64	3.5	70
120	GABA(B) and group I metabotropic glutamate receptors in the striatopallidal complex in primates. <i>Journal of Anatomy</i> , 2000 , 196 (Pt 4), 555-76	2.9	70
119	β1 Adrenergic receptors are localized on presynaptic elements in the nucleus accumbens and regulate mesolimbic dopamine transmission. <i>Neuropsychopharmacology</i> , 2012 , 37, 2161-72	8.7	68
118	Ionotropic and metabotropic GABA and glutamate receptors in primate basal ganglia. <i>Journal of Chemical Neuroanatomy</i> , 2001 , 22, 13-42	3.2	67

117	Sodium channels and dendritic spike initiation at excitatory synapses in globus pallidus neurons. <i>Journal of Neuroscience</i> , 2004 , 24, 329-40	6.6	66
116	Comparative analysis of the subcellular and subsynaptic localization of mGluR1a and mGluR5 metabotropic glutamate receptors in the shell and core of the nucleus accumbens in rat and monkey. <i>Journal of Comparative Neurology</i> , 2007 , 500, 788-806	3.4	65
115	M4 mAChR-mediated modulation of glutamatergic transmission at corticostriatal synapses. <i>ACS Chemical Neuroscience</i> , 2014 , 5, 318-24	5.7	62
114	Subcellular and subsynaptic localization of group I metabotropic glutamate receptors in the monkey subthalamic nucleus. <i>Journal of Comparative Neurology</i> , 2004 , 474, 589-602	3.4	61
113	GABAergic modulation of the activity of globus pallidus neurons in primates: in vivo analysis of the functions of GABA receptors and GABA transporters. <i>Journal of Neurophysiology</i> , 2005 , 94, 990-1000	3.2	60
112	Reduced cortical innervation of the subthalamic nucleus in MPTP-treated parkinsonian monkeys. <i>Brain</i> , 2015 , 138, 946-62	11.2	58
111	Subcellular distribution of spinophilin immunolabeling in primate prefrontal cortex: localization to and within dendritic spines. <i>Journal of Comparative Neurology</i> , 2004 , 469, 185-97	3.4	58
110	Differential dopaminergic innervation of the two pallidal segments in the squirrel monkey (<i>Saimiri sciureus</i>). <i>Brain Research</i> , 1987 , 426, 397-400	3.7	58
109	Activation of nigral and pallidal dopamine D1-like receptors modulates basal ganglia outflow in monkeys. <i>Journal of Neurophysiology</i> , 2007 , 98, 1489-500	3.2	56
108	Differential structural plasticity of corticostriatal and thalamostriatal axo-spinous synapses in MPTP-treated Parkinsonian monkeys. <i>Journal of Comparative Neurology</i> , 2011 , 519, 989-1005	3.4	55
107	Presynaptic NMDA receptor subunit immunoreactivity in GABAergic terminals in rat brain. <i>Journal of Comparative Neurology</i> , 2000 , 423, 330-47	3.4	54
106	GluN2D-Containing N-methyl-d-Aspartate Receptors Mediate Synaptic Transmission in Hippocampal Interneurons and Regulate Interneuron Activity. <i>Molecular Pharmacology</i> , 2016 , 90, 689-702 ^{4,3}		53
105	Striatal spine plasticity in Parkinson's disease. <i>Frontiers in Neuroanatomy</i> , 2010 , 4, 133	3.6	53
104	Thalamic collaterals of corticostriatal axons: their termination field and synaptic targets in cats. <i>Journal of Comparative Neurology</i> , 1996 , 372, 551-67	3.4	52
103	BAI1 regulates spatial learning and synaptic plasticity in the hippocampus. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1497-508	15.9	51
102	NMDA-induced phosphorylation and regulation of mGluR5. <i>Pharmacology Biochemistry and Behavior</i> , 2002 , 73, 299-306	3.9	51
101	CART peptide-immunoreactive projection from the nucleus accumbens targets substantia nigra pars reticulata neurons in the rat. <i>Journal of Comparative Neurology</i> , 2001 , 434, 29-39	3.4	51
100	Discovery, synthesis, and structure-activity relationship development of a series of N-4-(2,5-dioxopyrrolidin-1-yl)phenylpicolinamides (VU0400195, ML182): characterization of a novel positive allosteric modulator of the metabotropic glutamate receptor 4 (mGlu(4)) with oral efficacy in an antiparkinsonian animal model. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 7689-17	8.3	49

99	The primate thalamostriatal systems: Anatomical organization, functional roles and possible involvement in Parkinson's disease. <i>Basal Ganglia</i> , 2011 , 1, 179-189		48
98	Effects of stimulation of the centromedian nucleus of the thalamus on the activity of striatal cells in awake rhesus monkeys. <i>European Journal of Neuroscience</i> , 2009 , 29, 588-98	3.5	48
97	Localization and Function of GABA Transporters GAT-1 and GAT-3 in the Basal Ganglia. <i>Frontiers in Systems Neuroscience</i> , 2011 , 5, 63	3.5	47
96	CART peptide immunoreactivity in the hypothalamus and pituitary in monkeys: analysis of ultrastructural features and synaptic connections in the paraventricular nucleus. <i>Journal of Comparative Neurology</i> , 2000 , 416, 291-308	3.4	47
95	NMDA Receptors Containing the GluN2D Subunit Control Neuronal Function in the Subthalamic Nucleus. <i>Journal of Neuroscience</i> , 2015 , 35, 15971-83	6.6	46
94	Effects of Optogenetic Activation of Corticothalamic Terminals in the Motor Thalamus of Awake Monkeys. <i>Journal of Neuroscience</i> , 2016 , 36, 3519-30	6.6	45
93	GABAergic inputs from direct and indirect striatal projection neurons onto cholinergic interneurons in the primate putamen. <i>Journal of Comparative Neurology</i> , 2013 , 521, 2502-22	3.4	45
92	Hermansky-Pudlak protein complexes, AP-3 and BLOC-1, differentially regulate presynaptic composition in the striatum and hippocampus. <i>Journal of Neuroscience</i> , 2010 , 30, 820-31	6.6	45
91	Subcellular distribution of high-voltage-activated calcium channel subtypes in rat globus pallidus neurons. <i>Journal of Comparative Neurology</i> , 2002 , 442, 89-98	3.4	45
90	The PDZ scaffold NHERF-2 interacts with mGluR5 and regulates receptor activity. <i>Journal of Biological Chemistry</i> , 2006 , 281, 29949-61	5.4	43
89	Neuroglial plasticity at striatal glutamatergic synapses in Parkinson's disease. <i>Frontiers in Systems Neuroscience</i> , 2011 , 5, 68	3.5	42
88	Holographic Reconstruction of Axonal Pathways in the Human Brain. <i>Neuron</i> , 2019 , 104, 1056-1064.e3	13.9	41
87	Loss and remodeling of striatal dendritic spines in Parkinson's disease: from homeostasis to maladaptive plasticity?. <i>Journal of Neural Transmission</i> , 2018 , 125, 431-447	4.3	40
86	Subtle microstructural changes of the striatum in a DYT1 knock-in mouse model of dystonia. <i>Neurobiology of Disease</i> , 2013 , 54, 362-71	7.5	40
85	Morphological changes of glutamatergic synapses in animal models of Parkinson's disease. <i>Frontiers in Neuroanatomy</i> , 2015 , 9, 117	3.6	40
84	Subcellular and subsynaptic localization of presynaptic and postsynaptic kainate receptor subunits in the monkey striatum. <i>Journal of Neuroscience</i> , 2001 , 21, 8746-57	6.6	39
83	Adenosine A2A receptor in the monkey basal ganglia: ultrastructural localization and colocalization with the metabotropic glutamate receptor 5 in the striatum. <i>Journal of Comparative Neurology</i> , 2012 , 520, 570-89	3.4	38
82	Differential localization of protein phosphatase-1alpha, beta and gamma1 isoforms in primate prefrontal cortex. <i>Cerebral Cortex</i> , 2005 , 15, 1928-37	5.1	38

81	Course of motor and associative pallidothalamic projections in monkeys. <i>Journal of Comparative Neurology</i> , 2001 , 429, 490-501	3-4	37
80	Synaptic microcircuitry of tyrosine hydroxylase-containing neurons and terminals in the striatum of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated monkeys. <i>Journal of Comparative Neurology</i> , 2006 , 495, 453-69	3-4	36
79	Postnatal developmental expression of regulator of G protein signaling 14 (RGS14) in the mouse brain. <i>Journal of Comparative Neurology</i> , 2014 , 522, 186-203	3-4	35
78	In vivo optogenetic control of striatal and thalamic neurons in non-human primates. <i>PLoS ONE</i> , 2012 , 7, e50808	3-7	35
77	A new knock-in mouse model of l-DOPA-responsive dystonia. <i>Brain</i> , 2015 , 138, 2987-3002	11.2	34
76	Metabotropic glutamate receptor 4 in the basal ganglia of parkinsonian monkeys: ultrastructural localization and electrophysiological effects of activation in the striatopallidal complex. <i>Neuropharmacology</i> , 2013 , 66, 242-52	5-5	34
75	Progressive cognitive deficit, motor impairment and striatal pathology in a transgenic Huntington disease monkey model from infancy to adulthood. <i>PLoS ONE</i> , 2015 , 10, e0122335	3-7	34
74	(18)F-FECNT: validation as PET dopamine transporter ligand in parkinsonism. <i>Experimental Neurology</i> , 2010 , 226, 265-73	5-7	34
73	CART peptide and the mesolimbic dopamine system. <i>Peptides</i> , 2006 , 27, 1987-92	3.8	34
72	MeCP2 regulates the synaptic expression of a Dysbindin-BLOC-1 network component in mouse brain and human induced pluripotent stem cell-derived neurons. <i>PLoS ONE</i> , 2013 , 8, e65069	3-7	34
71	Localization and function of GABA transporters in the globus pallidus of parkinsonian monkeys. <i>Experimental Neurology</i> , 2010 , 223, 505-15	5-7	33
70	Localization and expression of group I metabotropic glutamate receptors in the mouse striatum, globus pallidus, and subthalamic nucleus: regulatory effects of MPTP treatment and constitutive Homer deletion. <i>Journal of Neuroscience</i> , 2007 , 27, 6249-60	6.6	33
69	Chronic MPTP administration regimen in monkeys: a model of dopaminergic and non-dopaminergic cell loss in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2018 , 125, 337-363	4-3	32
68	Intrinsic circuitry of the amygdaloid complex: common principles of organization in rats and cats. <i>Trends in Neurosciences</i> , 1998 , 21, 240-1	13.3	31
67	Distribution of acetylcholinesterase-containing neurons in the basal forebrain and upper brainstem of the squirrel monkey (<i>Saimiri sciureus</i>). <i>Brain Research Bulletin</i> , 1984 , 12, 95-104	3-9	31
66	Localization and function of pre- and postsynaptic kainate receptors in the rat globus pallidus. <i>European Journal of Neuroscience</i> , 2006 , 23, 374-86	3-5	30
65	Corticostriatal and mesocortical dopamine systems: do species differences matter?. <i>Nature Reviews Neuroscience</i> , 2014 , 15, 63	13.5	29
64	Differential localization and function of GABA transporters, GAT-1 and GAT-3, in the rat globus pallidus. <i>European Journal of Neuroscience</i> , 2011 , 33, 1504-18	3-5	29

63	Ultrastructural localization and function of dopamine D1-like receptors in the substantia nigra pars reticulata and the internal segment of the globus pallidus of parkinsonian monkeys. <i>European Journal of Neuroscience</i> , 2010 , 31, 836-51	3.5	29
62	Localization and function of dopamine receptors in the subthalamic nucleus of normal and parkinsonian monkeys. <i>Journal of Neurophysiology</i> , 2014 , 112, 467-79	3.2	28
61	Secretagogin expression delineates functionally-specialized populations of striatal parvalbumin-containing interneurons. <i>ELife</i> , 2016 , 5,	8.9	28
60	An Open Resource for Non-human Primate Optogenetics. <i>Neuron</i> , 2020 , 108, 1075-1090.e6	13.9	28
59	Extrastriatal D2-like receptors modulate basal ganglia pathways in normal and Parkinsonian monkeys. <i>Journal of Neurophysiology</i> , 2012 , 107, 1500-12	3.2	27
58	Ultrastructural localization of DREADDs in monkeys. <i>European Journal of Neuroscience</i> , 2019 , 50, 2801-2813	3.3	26
57	Localization and pharmacological modulation of GABA-B receptors in the globus pallidus of parkinsonian monkeys. <i>Experimental Neurology</i> , 2011 , 229, 429-39	5.7	25
56	Lesion of the centromedian thalamic nucleus in MPTP-treated monkeys. <i>Movement Disorders</i> , 2008 , 23, 708-15	7	24
55	Differential localization of AMPA glutamate receptor subunits in the two segments of the globus pallidus and the substantia nigra pars reticulata in the squirrel monkey. <i>European Journal of Neuroscience</i> , 1996 , 8, 229-33	3.5	24
54	Reduced noradrenergic innervation of ventral midbrain dopaminergic cell groups and the subthalamic nucleus in MPTP-treated parkinsonian monkeys. <i>Neurobiology of Disease</i> , 2017 , 100, 9-18	7.5	23
53	More than meets the eye-myelinated axons crowd the subthalamic nucleus. <i>Movement Disorders</i> , 2013 , 28, 1811-5	7	23
52	An electron microscope immunocytochemical study of GABA(B) R2 receptors in the monkey basal ganglia: a comparative analysis with GABA(B) R1 receptor distribution. <i>Journal of Comparative Neurology</i> , 2004 , 476, 65-79	3.4	22
51	Continuous monitoring of intracerebral glutamate levels in awake monkeys using microdialysis and enzyme fluorometric detection. <i>Journal of Neuroscience Methods</i> , 2003 , 126, 175-85	3	22
50	Altered GluN2B NMDA receptor function and synaptic plasticity during early pathology in the PS2APP mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2015 , 74, 254-62	7.5	21
49	Proteomic profiling in MPTP monkey model for early Parkinson disease biomarker discovery. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015 , 1854, 779-87	4	21
48	Metabotropic glutamate receptors: targets for neuroprotective therapies in Parkinson disease. <i>Current Opinion in Pharmacology</i> , 2018 , 38, 72-80	5.1	20
47	Ultrastructural relationships between cortical, thalamic, and amygdala glutamatergic inputs and group I metabotropic glutamate receptors in the rat accumbens. <i>Journal of Comparative Neurology</i> , 2010 , 518, 1315-29	3.4	20
46	Age-related changes in the expression of axonal and glial group I metabotropic glutamate receptor in the rat substantia nigra pars reticulata. <i>Journal of Comparative Neurology</i> , 2004 , 475, 95-106	3.4	20

45	Evidence against enhanced glutamate transport in the anticonvulsant mechanism of the ketogenic diet. <i>Epilepsy Research</i> , 2007 , 74, 232-6	3	19
44	Cortical inputs innervate calbindin-immunoreactive interneurons of the rat basolateral amygdaloid complex. <i>Journal of Comparative Neurology</i> , 2014 , 522, 1915-28	3.4	18
43	D1- and D2-like dopamine receptors regulate signaling properties of group I metabotropic glutamate receptors in the rat globus pallidus. <i>European Journal of Neuroscience</i> , 2007 , 26, 852-62	3.5	18
42	Anatomical localization of Cav3.1 calcium channels and electrophysiological effects of T-type calcium channel blockade in the motor thalamus of MPTP-treated monkeys. <i>Journal of Neurophysiology</i> , 2016 , 115, 470-85	3.2	17
41	Microglia, inflammation and gut microbiota responses in a progressive monkey model of Parkinson's disease: A case series. <i>Neurobiology of Disease</i> , 2020 , 144, 105027	7.5	16
40	Differential Localization of Vesicular Glutamate Transporters 1 and 2 in the Rat Striatum 2005 , 601-610		16
39	GABA(B) receptors in the centromedian/parafascicular thalamic nuclear complex: an ultrastructural analysis of GABA(B)R1 and GABA(B)R2 in the monkey thalamus. <i>Journal of Comparative Neurology</i> , 2006 , 496, 269-87	3.4	15
38	Regulator of G protein signaling 14 (RGS14) is expressed pre- and postsynaptically in neurons of hippocampus, basal ganglia, and amygdala of monkey and human brain. <i>Brain Structure and Function</i> , 2018 , 223, 233-253	4	15
37	Striatal Interneurons in Transgenic Nonhuman Primate Model of Huntington's Disease. <i>Scientific Reports</i> , 2019 , 9, 3528	4.9	13
36	Differential connectivity of short- vs. long-range extrinsic and intrinsic cortical inputs to perirhinal neurons. <i>Journal of Comparative Neurology</i> , 2013 , 521, 2538-50	3.4	12
35	Functional and ultrastructural analysis of group I mGluR in striatal fast-spiking interneurons. <i>European Journal of Neuroscience</i> , 2007 , 25, 1319-31	3.5	12
34	Astrocytic and neuronal localization of the scaffold protein Na ⁺ /H ⁺ exchanger regulatory factor 2 (NHERF-2) in mouse brain. <i>Journal of Comparative Neurology</i> , 2006 , 494, 752-62	3.4	12
33	Striatal glutamate delta-1 receptor regulates behavioral flexibility and thalamostriatal connectivity. <i>Neurobiology of Disease</i> , 2020 , 137, 104746	7.5	11
32	PSD-95 interacts with NBCn1 and enhances channel-like activity without affecting Na/HCO ₃ cotransport. <i>Cellular Physiology and Biochemistry</i> , 2012 , 30, 1444-55	3.9	11
31	mGluR4-containing corticostriatal terminals: synaptic interactions with direct and indirect pathway neurons in mice. <i>Brain Structure and Function</i> , 2016 , 221, 4589-4599	4	11
30	Comparative Ultrastructural Analysis of D1 and D5 Dopamine Receptor Distribution in the Substantia Nigra and Globus Pallidus of Monkeys. <i>Advances in Behavioral Biology</i> , 2009 , 58, 239-253		11
29	Group II metabotropic glutamate receptor interactions with NHERF scaffold proteins: Implications for receptor localization in brain. <i>Neuroscience</i> , 2017 , 353, 58-75	3.9	9
28	Structural and molecular heterogeneity of calretinin-expressing interneurons in the rodent and primate striatum. <i>Journal of Comparative Neurology</i> , 2018 , 526, 877-898	3.4	9

27	Intracerebroventricular Administration of AAV9-PHP.B SYN1-EmGFP Induces Widespread Transgene Expression in the Mouse and Monkey Central Nervous System. <i>Human Gene Therapy</i> , 2021 , 32, 599-615	4.8	9
26	Midline thalamic inputs to the amygdala: Ultrastructure and synaptic targets. <i>Journal of Comparative Neurology</i> , 2019 , 527, 942-956	3.4	6
25	Striatal Cholinergic Interneurons in a Knock-in Mouse Model of L-DOPA-Responsive Dystonia. <i>Frontiers in Systems Neuroscience</i> , 2018 , 12, 28	3.5	5
24	Structural plasticity of GABAergic and glutamatergic networks in the motor thalamus of parkinsonian monkeys. <i>Journal of Comparative Neurology</i> , 2020 , 528, 1436-1456	3.4	5
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