

Catherine Le Moine

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/116203/publications.pdf>

Version: 2024-02-01

63
papers

5,831
citations

109321

35
h-index

128289

60
g-index

64
all docs

64
docs citations

64
times ranked

4479
citing authors

#	ARTICLE	IF	CITATIONS
1	D1 and D2 dopamine receptor gene expression in the rat striatum: Sensitive cRNA probes demonstrate prominent segregation of D1 and D2 mRNAs in distinct neuronal populations of the dorsal and ventral striatum. <i>Journal of Comparative Neurology</i> , 1995, 355, 418-426.	1.6	504
2	Distribution, biochemistry and function of striatal adenosine A2A receptors. <i>Progress in Neurobiology</i> , 1999, 59, 355-396.	5.7	468
3	Phenotypical characterization of the rat striatal neurons expressing the D1 dopamine receptor gene.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 4205-4209.	7.1	399
4	Dopamine receptor gene expression by enkephalin neurons in rat forebrain.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 230-234.	7.1	398
5	Cortical Inputs and GABA Interneurons Imbalance Projection Neurons in the Striatum of Parkinsonian Rats. <i>Journal of Neuroscience</i> , 2006, 26, 3875-3884.	3.6	388
6	Feedforward Inhibition of Projection Neurons by Fast-Spiking GABA Interneurons in the Rat Striatum In Vivo. <i>Journal of Neuroscience</i> , 2005, 25, 3857-3869.	3.6	332
7	D1 and D2 Receptor Gene Expression in the Rat Frontal Cortex: Cellular Localization in Different Classes of Efferent Neurons. <i>European Journal of Neuroscience</i> , 1995, 7, 1050-1063.	2.6	305
8	Expression of the d3 dopamine receptor in peptidergic neurons of the nucleus accumbens: Comparison with the D1 and D2 dopamine receptors. <i>Neuroscience</i> , 1996, 73, 131-143.	2.3	201
9	D2 dopamine receptor gene expression by cholinergic neurons in the rat striatum. <i>Neuroscience Letters</i> , 1990, 117, 248-252.	2.1	183
10	Cellular expression of adenosine A2A receptor messenger RNA in the rat central nervous system with special reference to dopamine innervated areas. <i>Neuroscience</i> , 1997, 80, 1171-1185.	2.3	175
11	Neural correlates of the motivational and somatic components of naloxone-precipitated morphine withdrawal. <i>European Journal of Neuroscience</i> , 2002, 16, 1377-1389.	2.6	158
12	GÎ± _{olf} Levels Are Regulated by Receptor Usage and Control Dopamine and Adenosine Action in the Striatum. <i>Journal of Neuroscience</i> , 2001, 21, 4390-4399.	3.6	156
13	Dopamine-Adenosine Interactions in the Striatum and the Globus Pallidus: Inhibition of Striatopallidal Neurons through Either D ₂ or A _{2A} Receptors Enhances D ₁ Receptor-Mediated Effects on <i>c-fos</i> Expression. <i>Journal of Neuroscience</i> , 1997, 17, 8038-8048.	3.6	123
14	Chronic morphine exposure and spontaneous withdrawal are associated with modifications of dopamine receptor and neuropeptide gene expression in the rat striatum. <i>European Journal of Neuroscience</i> , 1999, 11, 481-490.	2.6	122
15	Excitatory response of prefrontal cortical fast-spiking interneurons to ventral tegmental area stimulation in vivo. <i>Synapse</i> , 2006, 59, 412-417.	1.2	115
16	Subpopulations of cortical GABAergic interneurons differ by their expression of D1 and D2 dopamine receptor subtypes. <i>Molecular Brain Research</i> , 1998, 58, 231-236.	2.3	105
17	A Specific Limbic Circuit Underlies Opiate Withdrawal Memories. <i>Journal of Neuroscience</i> , 2005, 25, 1366-1374.	3.6	105
18	Differential regulation of the dopamine D1, D2 and D3 receptor gene expression and changes in the phenotype of the striatal neurons in mice lacking the dopamine transporter. <i>European Journal of Neuroscience</i> , 2000, 12, 19-26.	2.6	103

#	ARTICLE	IF	CITATIONS
19	RHS2, a POU domain-containing gene, and its expression in developing and adult rat.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 3285-3289.	7.1	91
20	No Effect of Morphine on Ventral Tegmental Dopamine Neurons during Withdrawal. Journal of Neuroscience, 2006, 26, 5720-5726.	3.6	91
21	Striatal neurons express increased level of dopamine D2 receptor mRNA in response to haloperidol treatment: A quantitative in situ hybridization study. Neuroscience, 1991, 45, 117-126.	2.3	85
22	Opposite tonic modulation of dopamine and adenosine on c-fos gene expression in striatopallidal neurons. Neuroscience, 1999, 89, 827-837.	2.3	84
23	Cellular distribution of adenosine A2A receptor mrna in the primate striatum. , 1998, 399, 229-240.		80
24	Delta-opioid receptor gene expression in the mouse forebrain: Localization in cholinergic neurons of the striatum. Neuroscience, 1994, 62, 635-640.	2.3	62
25	Opioid receptor gene expression in the rat brain during ontogeny, with special reference to the mesostriatal system: an in situ hybridization study. Developmental Brain Research, 1998, 109, 187-199.	1.7	62
26	Mapping of c-fos gene expression in the brain during morphine dependence and precipitated withdrawal, and phenotypic identification of the striatal neurons involved. European Journal of Neuroscience, 2000, 12, 4475-4486.	2.6	50
27	Dopamine D1/5 receptor stimulation induces c-fos expression in the subthalamic nucleus: possible involvement of local D5 receptors. European Journal of Neuroscience, 2002, 15, 133-142.	2.6	45
28	Distribution of CCK mRNA in particular regions (hippocampus, periaqueductal grey and thalamus) of the rat by in situ hybridization. Neuroscience Letters, 1989, 104, 38-42.	2.1	43
29	Rat striatal and mesencephalic neurons contain the long isoform of the D2 dopamine receptor mRNA. Molecular Brain Research, 1991, 10, 283-289.	2.3	42
30	The Motivational Component of Withdrawal in Opiate Addiction: Role of Associative Learning and Aversive Memory in Opiate Addiction from a Behavioral, Anatomical and Functional Perspective. Reviews in the Neurosciences, 2005, 16, 255-76.	2.9	41
31	Stimulation of serotonin2C receptors elicits abnormal oral movements by acting on pathways other than the sensorimotor one in the rat basal ganglia. Neuroscience, 2010, 169, 158-170.	2.3	41
32	Ontogeny of the D1 Dopamine Receptor in the Rat Striatonigral System: an Immunohistochemical Study. European Journal of Neuroscience, 1995, 7, 714-722.	2.6	40
33	Dopamine D1 Receptor-Induced Gene Transcription Is Modulated by DARPP-32. Journal of Neurochemistry, 2001, 75, 248-257.	3.9	39
34	Reactivity and plasticity in the amygdala nuclei during opiate withdrawal conditioning: Differential expression of c-fos and arc immediate early genes. Neuroscience, 2008, 154, 1021-1033.	2.3	39
35	Co-stimulation of D1/D5 and D2 dopamine receptors leads to an increase in c-fos messenger RNA in cholinergic interneurons and a redistribution of c-fos messenger RNA in striatal projection neurons. Neuroscience, 2000, 98, 749-757.	2.3	37
36	TUMOR NECROSIS FACTOR ALPHA IN HUMAN KIDNEY TRANSPLANT REJECTION—ANALYSIS BY IN SITU HYBRIDIZATION. Transplantation, 1993, 55, 773-777.	1.0	36

#	ARTICLE	IF	CITATIONS
37	Power Fluctuations in Beta and Gamma Frequencies in Rat Globus Pallidus: Association with Specific Phases of Slow Oscillations and Differential Modulation by Dopamine D ₁ and D ₂ Receptors. <i>Journal of Neuroscience</i> , 2011, 31, 6098-6107.	3.6	36
38	Evolution of the dynamic properties of the cortexâ€‘basal ganglia network after dopaminergic depletion in rats. <i>Neurobiology of Disease</i> , 2012, 46, 402-413.	4.4	33
39	Opiate dependence induces network state shifts in the limbic system. <i>Neurobiology of Disease</i> , 2013, 59, 220-229.	4.4	30
40	CRF2 receptor-deficiency eliminates opiate withdrawal distress without impairing stress coping. <i>Molecular Psychiatry</i> , 2012, 17, 1283-1294.	7.9	28
41	Neostriatal dopamine receptors. <i>Trends in Neurosciences</i> , 1994, 17, 3-4.	8.6	26
42	Dopamine control of striatal gene expression during development: relevance to knockout mice for the dopamine transporter. <i>European Journal of Neuroscience</i> , 2000, 12, 3415-3425.	2.6	25
43	The synergy of working memory and inhibitory control: Behavioral, pharmacological and neural functional evidences. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 202-212.	1.9	24
44	Unlimited sucrose consumption during adolescence generates a depressive-like phenotype in adulthood. <i>Neuropsychopharmacology</i> , 2018, 43, 2627-2635.	5.4	24
45	Role of 5-HT _{2C} receptors in the enhancement of c-Fos expression induced by a 5-HT _{2B/2C} inverse agonist and 5-HT ₂ agonists in the rat basal ganglia. <i>Experimental Brain Research</i> , 2013, 230, 525-535.	1.5	23
46	Prefronto-subcortical imbalance characterizes poor decision-making: neurochemical and neural functional evidences in rats. <i>Brain Structure and Function</i> , 2015, 220, 3485-3496.	2.3	23
47	Selective blockade of serotonin _{2C} receptor enhances Fos expression specifically in the striatum and the subthalamic nucleus within the basal ganglia. <i>Neuroscience Letters</i> , 2010, 469, 251-255.	2.1	20
48	CRF2 receptor-deficiency reduces recognition memory deficits and vulnerability to stress induced by cocaine withdrawal. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1969-1979.	2.1	18
49	Subthalamic nucleus high-frequency stimulation modulates neuronal reactivity to cocaine within the reward circuit. <i>Neurobiology of Disease</i> , 2015, 80, 54-62.	4.4	18
50	Memories of Opiate Withdrawal Emotional States Correlate with Specific Gamma Oscillations in the Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2017, 42, 1157-1168.	5.4	18
51	Quantitative In Situ Hybridization Using Radioactive Probes in the Study of Gene Expression in Heterocellular Systems. , 1994, 33, 301-312.		16
52	The hippocampus plays a critical role at encoding discontinuous events for subsequent declarative memory expression in mice. <i>Hippocampus</i> , 2007, 17, 264-270.	1.9	16
53	Localization of dopamine D ₂ receptor mRNA in glomus cells of the rabbit carotid body by in situ hybridization. <i>Journal of Neurocytology</i> , 1995, 24, 265-270.	1.5	15
54	Role of imidazoline receptors in the anti-aversive properties of clonidine during opiate withdrawal in rats. <i>European Journal of Neuroscience</i> , 2005, 22, 1812-1816.	2.6	14

#	ARTICLE	IF	CITATIONS
55	Remodeling of the neuronal circuits underlying opiate-withdrawal memories following remote retrieval. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 47-53.	1.9	13
56	Corticotropin-releasing factor receptor 2 deficiency eliminates social behaviour deficits and vulnerability induced by cocaine. <i>British Journal of Pharmacology</i> , 2018, 175, 1504-1518.	5.4	12
57	Opioid receptor gene expression in dopamine transporter knock-out mice in adult and during development. <i>Neuroscience</i> , 2002, 112, 131-139.	2.3	11
58	Diverse effects of 5-HT _{2C} receptor blocking agents on c-Fos expression in the rat basal ganglia. <i>European Journal of Pharmacology</i> , 2012, 689, 8-16.	3.5	10
59	Arc reactivity in accumbens nucleus, amygdala and hippocampus differentiates cue over context responses during reactivation of opiate withdrawal memory. <i>Neurobiology of Learning and Memory</i> , 2019, 159, 24-35.	1.9	9
60	Inter-individual differences in decision-making, flexible and goal-directed behaviors: novel insights within the prefronto-striatal networks. <i>Brain Structure and Function</i> , 2018, 223, 897-912.	2.3	7
61	Quantitative In Situ Hybridization Using Radioactive Probes to Study Gene Expression in Heterocellular Systems. , 2000, 123, 143-156.		5
62	Combining In Situ Hybridization with Retrograde Tracing and Immunohistochemistry for Phenotypic Characterization of Individual Neurons. , 2003, 79, 137-152.		5
63	Quantitative In Situ Hybridization for the Study of Gene Expression at the Regional and Cellular Levels. <i>Current Protocols in Neuroscience</i> , 2003, 23, Unit 1.10.	2.6	2