Catherine Le Moine

List of Publications by Year
in descending order

63	5,831	35	60
papers	citations	h-index	g-index
		109321	128289
64	64	64	4479
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arc reactivity in accumbens nucleus, amygdala and hippocampus differentiates cue over context responses during reactivation of opiate withdrawal memory. Neurobiology of Learning and Memory, 2019, 159, 24-35.	1.9	9
2	Unlimited sucrose consumption during adolescence generates a depressive-like phenotype in adulthood. Neuropsychopharmacology, 2018, 43, 2627-2635.	5.4	24
3	Corticotropinâ€releasing factor receptor 2â€deficiency eliminates social behaviour deficits and vulnerability induced by cocaine. British Journal of Pharmacology, 2018, 175, 1504-1518.	5.4	12
4	Inter-individual differences in decision-making, flexible and goal-directed behaviors: novel insights within the prefronto-striatal networks. Brain Structure and Function, 2018, 223, 897-912.	2.3	7
5	Memories of Opiate Withdrawal Emotional States Correlate with Specific Gamma Oscillations in the Nucleus Accumbens. Neuropsychopharmacology, 2017, 42, 1157-1168.	5.4	18
6	Subthalamic nucleus high-frequency stimulation modulates neuronal reactivity to cocaine within the reward circuit. Neurobiology of Disease, 2015, 80, 54-62.	4.4	18
7	Prefronto-subcortical imbalance characterizes poor decision-making: neurochemical and neural functional evidences in rats. Brain Structure and Function, 2015, 220, 3485-3496.	2.3	23
8	CRF2 receptor-deficiency reduces recognition memory deficits and vulnerability to stress induced by cocaine withdrawal. International Journal of Neuropsychopharmacology, 2014, 17, 1969-1979.	2.1	18
9	Role of 5-HT2C receptors in the enhancement of c-Fos expression induced by a 5-HT2B/2C inverse agonist and 5-HT2 agonists in the rat basal ganglia. Experimental Brain Research, 2013, 230, 525-535.	1.5	23
10	Opiate dependence induces network state shifts in the limbic system. Neurobiology of Disease, 2013, 59, 220-229.	4.4	30
11	CRF2 receptor-deficiency eliminates opiate withdrawal distress without impairing stress coping. Molecular Psychiatry, 2012, 17, 1283-1294.	7.9	28
12	Remodeling of the neuronal circuits underlying opiate-withdrawal memories following remote retrieval. Neurobiology of Learning and Memory, 2012, 97, 47-53.	1.9	13
13	The synergy of working memory and inhibitory control: Behavioral, pharmacological and neural functional evidences. Neurobiology of Learning and Memory, 2012, 97, 202-212.	1.9	24
14	Diverse effects of 5-HT2C receptor blocking agents on c-Fos expression in the rat basal ganglia. European Journal of Pharmacology, 2012, 689, 8-16.	3.5	10
15	Evolution of the dynamic properties of the cortexâ€“basal ganglia network after dopaminergic depletion in rats. Neurobiology of Disease, 2012, 46, 402-413.	4.4	33
16	Power Fluctuations in Beta and Gamma Frequencies in Rat Globus Pallidus: Association with Specific Phases of Slow Oscillations and Differential Modulation by Dopamine D₁and D₂Receptors. Journal of Neuroscience, 2011, 31, 6098-6107.	3.6	36
17	Selective blockade of serotonin2C receptor enhances Fos expression specifically in the striatum and the subthalamic nucleus within the basal ganglia. Neuroscience Letters, 2010, 469, 251-255.	2.1	20
18	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

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19	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
20	The hippocampus plays a critical role at encoding discontiguous events for subsequent declarative memory expression in mice. Hippocampus, 2007, 17, 264-270.	1.9	16
21	Excitatory response of prefrontal cortical fast-spiking interneurons to ventral tegmental area stimulation in vivo. Synapse, 2006, 59, 412-417.	1.2	115
22	Cortical Inputs and GABA Interneurons Imbalance Projection Neurons in the Striatum of Parkinsonian Rats. Journal of Neuroscience, 2006, 26, 3875-3884.	3.6	388
23	No Effect of Morphine on Ventral Tegmental Dopamine Neurons during Withdrawal. Journal of Neuroscience, 2006, 26, 5720-5726.	3.6	91
24	Role of imidazoline receptors in the anti-aversive properties of clonidine during opiate withdrawal in rats. European Journal of Neuroscience, 2005, 22, 1812-1816.	2.6	14
25	A Specific Limbic Circuit Underlies Opiate Withdrawal Memories. Journal of Neuroscience, 2005, 25, 1366-1374.	3.6	105
26	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
27	Feedforward Inhibition of Projection Neurons by Fast-Spiking GABA Interneurons in the Rat Striatum In Vivo. Journal of Neuroscience, 2005, 25, 3857-3869.	3.6	332
28	Combining In Situ Hybridization with Retrograde Tracing and Immunohistochemistry for Phenotypic Characterization of Individual Neurons. , 2003, 79, 137-152.		5
29	Quantitative In Situ Hybridization for the Study of Gene Expression at the Regional and Cellular Levels. Current Protocols in Neuroscience, 2003, 23, Unit 1.10.	2.6	2
30	Opioid receptor gene expression in dopamine transporter knock-out mice in adult and during development. Neuroscience, 2002, 112, 131-139.	2.3	11
31	Dopamine D1/5 receptor stimulation induces c-fosexpression in the subthalamic nucleus: possible involvement of local D5 receptors. European Journal of Neuroscience, 2002, 15, 133-142.	2.6	45
32	Neural correlates of the motivational and somatic components of naloxone-precipitated morphine withdrawal. European Journal of Neuroscience, 2002, 16, 1377-1389.	2.6	158
33	GÎ±_{olf}Levels Are Regulated by Receptor Usage and Control Dopamine and Adenosine Action in the Striatum. Journal of Neuroscience, 2001, 21, 4390-4399.	3.6	156
34	Dopamine D1 Receptor-Induced Gene Transcription Is Modulated by DARPP-32. Journal of Neurochemistry, 2001, 75, 248-257.	3.9	39
35	Quantitative In Situ Hybridization Using Radioactive Probes to Study Gene Expression in Heterocellular Systems. , 2000, 123, 143-156.		5
36	Dopamine control of striatal gene expression during development: relevance to knockout mice for the dopamine transporter. European Journal of Neuroscience, 2000, 12, 3415-3425.	2.6	25

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37	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. European Journal of Neuroscience, 2000, 12, 19-26.	2.6	103
38	Mapping ofc-fosgene 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
39	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
40	Chronic morphine exposure and spontaneous withdrawal are associated with modifications of dopamine receptor and neuropeptide gene expression in the rat striatum. European Journal of Neuroscience, 1999, 11, 481-490.	2.6	122
41	Opposite tonic modulation of dopamine and adenosine on c-fos gene expression in striatopallidal neurons. Neuroscience, 1999, 89, 827-837.	2.3	84
42	Distribution, biochemistry and function of striatal adenosine A2A receptors. Progress in Neurobiology, 1999, 59, 355-396.	5.7	468
43	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
44	Cellular distribution of adenosine A2A receptor mrna in the primate striatum. , 1998, 399, 229-240.		80
45	Subpopulations of cortical GABAergic interneurons differ by their expression of D1 and D2 dopamine receptor subtypes. Molecular Brain Research, 1998, 58, 231-236.	2.3	105
46	Cellular expression of adenosine A2A receptor messenger RNA in the rat central nervous system with special reference to dopamine innervated areas. Neuroscience, 1997, 80, 1171-1185.	2.3	175
47	Dopamineâ€“Adenosine Interactions in the Striatum and the Globus Pallidus: Inhibition of Striatopallidal Neurons through Either D₂or A_{2A}Receptors Enhances D₁Receptor-Mediated Effects on<i>c-fos</i>Expression. Journal of Neuroscience, 1997, 17, 8038-8048.	3.6	123
48	Expression of the d3 dopamine receptor in peptidergic neurons of the nucleus accumbens: Comparison with the D1 and D2 dopamine receptors. Neuroscience, 1996, 73, 131-143.	2.3	201
49	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. Journal of Comparative Neurology, 1995, 355, 418-426.	1.6	504
50	Localization of dopamine D2 receptor mRNA in glomus cells of the rabbit carotid body byin situ hybridization. Journal of Neurocytology, 1995, 24, 265-270.	1.5	15
51	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
52	D1 and D2 Receptor Gene Expression in the Rat Frontal Cortex: Cellular Localization in Different Classes of Efferent Neurons. European Journal of Neuroscience, 1995, 7, 1050-1063.	2.6	305
53	Quantitative In Situ Hybridization Using Radioactive Probes in the Study of Gene Expression in Heterocellular Systems. , 1994, 33, 301-312.		16
54	Neostriatal dopamine receptors. Trends in Neurosciences, 1994, 17, 3-4.	8.6	26

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55	Delta-opioid receptor gene expression in the mouse forebrain: Localization in cholinergic neurons of the striatum. Neuroscience, 1994, 62, 635-640.	2.3	62
56	TUMOR NECROSIS FACTOR ALPHA IN HUMAN KIDNEY TRANSPLANT REJECTIONâ€"ANALYSIS BY IN SITU HYBRIDIZATION. Transplantation, 1993, 55, 773-777.	1.0	36
57	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
58	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
59	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
60	Phenotypical characterization of the rat striatal neurons expressing the D1 dopamine receptor gene.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 4205-4209.	7.1	399
61	Dopamine receptor gene expression by enkephalin neurons in rat forebrain.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 230-234.	7.1	398
62	D2 dopamine receptor gene expression by cholinergic neurons in the rat striatum. Neuroscience Letters, 1990, 117, 248-252.	2.1	183
63	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