

# Laurence Lanfumey

## List of Publications by Year in descending order

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53  
papers

4,467  
citations

126907

33  
h-index

168389

53  
g-index

55  
all docs

55  
docs citations

55  
times ranked

4648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrophysiological, biochemical, neurohormonal and behavioural studies with WAY-100635, a potent, selective and silent 5-HT <sub>1A</sub> receptor antagonist. <i>Behavioural Brain Research</i> , 1995, 73, 337-353.	2.2	461
2	Immuno-localization of serotonin 5-HT <sub>6</sub> receptor-like material in the rat central nervous system. <i>Brain Research</i> , 1997, 746, 207-219.	2.2	309
3	Corticosteroid-serotonin interactions in the neurobiological mechanisms of stress-related disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 1174-1184.	6.1	296
4	Early desensitization of somato-dendritic 5-HT <sub>1A</sub> autoreceptors in rats treated with fluoxetine or paroxetine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1995, 352, 141-148.	3.0	226
5	Differential adaptation of brain 5-HT <sub>1A</sub> and 5-HT <sub>1B</sub> receptors and 5-HT transporter in rats treated chronically with fluoxetine. <i>Neuropharmacology</i> , 2000, 39, 110-122.	4.1	214
6	Neurotrophic factors and neuroplasticity pathways in the pathophysiology and treatment of depression. <i>Psychopharmacology</i> , 2018, 235, 2195-2220.	3.1	184
7	Beyond the monoaminergic hypothesis: neuroplasticity and epigenetic changes in a transgenic mouse model of depression. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2485-2494.	4.0	164
8	VGLUT3 (Vesicular Glutamate Transporter Type 3) Contribution to the Regulation of Serotonergic Transmission and Anxiety. <i>Journal of Neuroscience</i> , 2010, 30, 2198-2210.	3.6	159
9	Cognitive Impairment Induced by Delta9-tetrahydrocannabinol Occurs through Heteromers between Cannabinoid CB1 and Serotonin 5-HT <sub>2A</sub> Receptors. <i>PLoS Biology</i> , 2015, 13, e1002194.	5.6	157
10	Antibodies and Antisense Oligonucleotide for Probing the Distribution and Putative Functions of Central 5-HT <sub>6</sub> Receptors. <i>Neuropsychopharmacology</i> , 1999, 21, 68S-76S.	5.4	150
11	5-Hydroxytryptamine (5-HT) <sub>1A</sub> Autoreceptor Adaptive Changes in Substance P (Neurokinin 1) Receptor Knock-Out Mice Mimic Antidepressant-Induced Desensitization. <i>Journal of Neuroscience</i> , 2001, 21, 8188-8197.	3.6	133
12	5-HT <sub>1</sub> Receptors. <i>CNS and Neurological Disorders</i> , 2004, 3, 1-10.	4.3	133
13	Regional Differences in the Coupling of 5-Hydroxytryptamine-1A Receptors to G Proteins in the Rat Brain. <i>Molecular Pharmacology</i> , 2006, 70, 1013-1021.	2.3	123
14	Neurochemical and Behavioral Alterations in Glucocorticoid Receptor-Impaired Transgenic Mice after Chronic Mild Stress. <i>Journal of Neuroscience</i> , 2004, 24, 2787-2796.	3.6	108
15	Behavioural and neuroplastic effects of the new-generation antidepressant agomelatine compared to fluoxetine in glucocorticoid receptor-impaired mice. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 759-774.	2.1	103
16	Central 5-HT <sub>1A</sub> receptors: regional distribution and functional characteristics. <i>Nuclear Medicine and Biology</i> , 2000, 27, 429-435.	0.6	102
17	Functional Consequences of 5-HT Transporter Gene Disruption on 5-HT <sub>1A</sub> Receptor-Mediated Regulation of Dorsal Raphe and Hippocampal Cell Activity. <i>Journal of Neuroscience</i> , 2001, 21, 2178-2185.	3.6	96
18	5-HT <sub>1A</sub> autoreceptor desensitization by chronic ultramild stress in mice. <i>NeuroReport</i> , 1999, 10, 3369-3374.	1.2	95

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19	Lack of CB <sub>1</sub> receptor activity impairs serotonergic negative feedback. <i>Journal of Neurochemistry</i> , 2009, 109, 935-944.	3.9	85
20	Biological rhythms and melatonin in mood disorders and their treatments. , 2013, 138, 176-184.		76
21	5-HT-HPA interactions in two models of transgenic mice relevant to major depression. <i>Neurochemical Research</i> , 2000, 25, 1199-1206.	3.3	73
22	Severe Serotonin Depletion after Conditional Deletion of the Vesicular Monoamine Transporter 2 Gene in Serotonin Neurons: Neural and Behavioral Consequences. <i>Neuropsychopharmacology</i> , 2011, 36, 2538-2550.	5.4	71
23	Antagonist properties of (α <sup>2</sup> )-pindolol and WAY 100635 at somatodendritic and postsynaptic 5-HT <sub>1A</sub> receptors in the rat brain. <i>British Journal of Pharmacology</i> , 1998, 123, 449-462.	5.4	69
24	Differential effects of the novel antidepressant agomelatine (S 20098) versus fluoxetine on 5-HT <sub>1A</sub> receptors in the rat brain. <i>Neuropharmacology</i> , 2004, 47, 515-526.	4.1	69
25	Blockade of substance P (neurokinin 1) receptors enhances extracellular serotonin when combined with a selective serotonin reuptake inhibitor: an in vivo microdialysis study in mice. <i>Journal of Neurochemistry</i> , 2004, 89, 54-63.	3.9	60
26	Brain-derived neurotrophic factor-deficient mice exhibit a hippocampal hyperserotonergic phenotype. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 79-92.	2.1	54
27	Homeostatic Regulation of Serotonergic Function by the Serotonin Transporter As Revealed by Nonviral Gene Transfer. <i>Journal of Neuroscience</i> , 2000, 20, 5065-5075.	3.6	51
28	5-HT <sub>2C</sub> receptor activation prevents stress-induced enhancement of brain 5-HT turnover and extracellular levels in the mouse brain: modulation by chronic paroxetine treatment. <i>Journal of Neurochemistry</i> , 2010, 115, 438-449.	3.9	49
29	Life-Long Hippocampal Neurogenesis: Environmental, Pharmacological and Neurochemical Modulations. <i>Neurochemical Research</i> , 2007, 32, 1762-1771.	3.3	46
30	Chronic voluntary ethanol intake hypersensitizes 5-HT <sub>1A</sub> autoreceptors in C57BL/6J mice. <i>Journal of Neurochemistry</i> , 2008, 107, 1660-1670.	3.9	42
31	Drug withdrawal-induced depression: Serotonergic and plasticity changes in animal models. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 696-726.	6.1	42
32	Differential effects of early environmental enrichment on emotionality related behaviours in Huntington's disease transgenic mice. <i>Journal of Physiology</i> , 2013, 591, 41-55.	2.9	40
33	Differential long-term effects of MDMA on the serotonergic system and hippocampal cell proliferation in 5-HTT knock-out vs. wild-type mice. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 1149.	2.1	39
34	Involvement of 5-HT <sub>2A</sub> receptors in MDMA reinforcement and cue-induced reinstatement of MDMA-seeking behaviour. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 927-940.	2.1	36
35	GABAB receptors in 5-HT transporter- and 5-HT <sub>1A</sub> receptor-knock-out mice: further evidence of a transduction pathway shared with 5-HT <sub>1A</sub> receptors. <i>Journal of Neurochemistry</i> , 2004, 89, 886-896.	3.9	33
36	Effect of agomelatine on memory deficits and hippocampal gene expression induced by chronic social defeat stress in mice. <i>Scientific Reports</i> , 2017, 7, 45907.	3.3	33

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37	Environmental enrichment reduces innate anxiety with no effect on depression-like behaviour in mice lacking the serotonin transporter. <i>Behavioural Brain Research</i> , 2017, 332, 355-361.	2.2	31
38	5-HTT independent effects of fluoxetine on neuroplasticity. <i>Scientific Reports</i> , 2019, 9, 6311.	3.3	30
39	Sustained pharmacological blockade of NK1 substance P receptors causes functional desensitization of dorsal raphe 5-HT1A autoreceptors in mice. <i>Journal of Neurochemistry</i> , 2005, 95, 1713-1723.	3.9	28
40	A Functional Tph2 C1473G Polymorphism Causes an Anxiety Phenotype via Compensatory Changes in the Serotonergic System. <i>Neuropsychopharmacology</i> , 2012, 37, 1986-1998.	5.4	26
41	Microdialysis Approach to Study Serotonin Outflow in Mice Following Selective Serotonin Reuptake Inhibitors and Substance P (Neurokinin 1) Receptor Antagonist Administration: A Review. <i>Current Drug Targets</i> , 2006, 7, 187-201.	2.1	23
42	Fluoxetine-induced desensitization of somatodendritic 5-HT1A autoreceptors is independent of glucocorticoid(s). <i>Synapse</i> , 1997, 27, 303-312.	1.2	22
43	Response of <i>Htr3a</i> knockout mice to antidepressant treatment and chronic stress. <i>British Journal of Pharmacology</i> , 2017, 174, 2471-2483.	5.4	21
44	Acute and chronic effects of citalopram on 5-HT <sub>1A</sub> receptor labeling by [ <sup>18</sup> F]MPPF and coupling to receptors' G proteins. <i>Synapse</i> , 2009, 63, 106-116.	1.2	19
45	Chronic alnespirone-induced desensitization of somatodendritic 5-HT1A autoreceptors in the rat dorsal raphe nucleus. <i>European Journal of Pharmacology</i> , 1999, 365, 165-173.	3.5	14
46	Neuroepigenetics of Neurotrophin Signaling: Neurobiology of Anxiety and Affective Disorders. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 158, 159-193.	1.7	14
47	Altered expression of neuronal tryptophan hydroxylase-2 mRNA in the dorsal and median raphe nuclei of three genetically modified mouse models relevant to depression and anxiety. <i>Journal of Chemical Neuroanatomy</i> , 2011, 41, 227-233.	2.1	13
48	Early exposure to ethanol differentially affects ethanol preference at adult age in two inbred mouse strains. <i>Neuropharmacology</i> , 2012, 63, 338-348.	4.1	8
49	Serotonin transporter in substance P (neurokinin 1) receptor knock-out mice. <i>European Journal of Pharmacology</i> , 2004, 492, 41-48.	3.5	7
50	Regulation of serotonin (5-HT) function by a VGLUT1 dependent glutamate pathway. <i>Neuropharmacology</i> , 2013, 70, 190-199.	4.1	7
51	Key role of the 5-HT1A receptor addressing protein Yif1B in serotonin neurotransmission and SSRI treatment. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 344-355.	2.4	7
52	Cerebral oxidative metabolism mapping in four genetic mouse models of anxiety and mood disorders. <i>Behavioural Brain Research</i> , 2019, 356, 435-443.	2.2	6
53	Effects of chronic diazepam treatment on pre- and postsynaptic 5-HT1A receptors in the rat brain. <i>European Journal of Pharmacology</i> , 1997, 323, 137-148.	3.5	5