

Valrie Compan

List of Publications by Citations

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

1,243
citations

16
h-index

35
g-index

35
ext. papers

1,349
ext. citations

5.1
avg, IF

3.61
L-index

#	Paper	IF	Citations
32	Altered emotional states in knockout mice lacking 5-HT1A or 5-HT1B receptors. <i>Neuropsychopharmacology</i> , 1999 , 21, 52S-60S	8.7	193
31	Anorexia induced by activation of serotonin 5-HT4 receptors is mediated by increases in CART in the nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16335-40	11.5	159
30	Attenuated response to stress and novelty and hypersensitivity to seizures in 5-HT4 receptor knock-out mice. <i>Journal of Neuroscience</i> , 2004 , 24, 412-9	6.6	152
29	Lesion study of the distribution of serotonin 5-HT4 receptors in rat basal ganglia and hippocampus. <i>European Journal of Neuroscience</i> , 1996 , 8, 2591-8	3.5	102
28	Frontocortical 5-HT4 receptors exert positive feedback on serotonergic activity: viral transfections, subacute and chronic treatments with 5-HT4 agonists. <i>Biological Psychiatry</i> , 2005 , 57, 918-25	7.9	96
27	5-HT(4) receptors: history, molecular pharmacology and brain functions. <i>Neuropharmacology</i> , 2008 , 55, 922-31	5.5	84
26	Adaptive changes in serotonin neurons of the raphe nuclei in 5-HT(4) receptor knock-out mouse. <i>European Journal of Neuroscience</i> , 2006 , 24, 1053-62	3.5	65
25	5-HT(4) receptors, a place in the sun: act two. <i>Current Opinion in Pharmacology</i> , 2011 , 11, 87-93	5.1	53
24	Differential effects of serotonin (5-HT) lesions and synthesis blockade on neuropeptide-Y immunoreactivity and 5-HT1A, 5-HT1B/1D and 5-HT2A/2C receptor binding sites in the rat cerebral cortex. <i>Brain Research</i> , 1998 , 795, 264-76	3.7	43
23	3,4-N-methylenedioxymethamphetamine-induced hypophagia is maintained in 5-HT1B receptor knockout mice, but suppressed by the 5-HT2C receptor antagonist RS102221. <i>Neuropsychopharmacology</i> , 2005 , 30, 1056-63	8.7	37
22	Characterization and localization of cocaine- and amphetamine-regulated transcript (CART) binding sites. <i>Peptides</i> , 2006 , 27, 1328-34	3.8	30
21	Effective gene therapy in a mouse model of prion diseases. <i>PLoS ONE</i> , 2008 , 3, e2773	3.7	25
20	Cerebral markers of the serotonergic system in rat models of obesity and after Roux-en-Y gastric bypass. <i>Obesity</i> , 2012 , 20, 2133-41	8	22
19	How Does the Brain Implement Adaptive Decision Making to Eat?. <i>Journal of Neuroscience</i> , 2015 , 35, 13868-78	6.6	21
18	Hyperfunction of muscarinic receptor maintains long-term memory in 5-HT4 receptor knock-out mice. <i>PLoS ONE</i> , 2010 , 5, e9529	3.7	20
17	Specific knock-down of GAD67 in the striatum using naked small interfering RNAs. <i>Journal of Biotechnology</i> , 2009 , 142, 185-92	3.7	16
16	Anomalies de la prise alimentaire chez la souris d'après la vue de récepteur 5-HT4. <i>Société De Biologie Journal</i> , 2004 , 198, 37-49		16

15	Sustained elevated levels of circulating vasopressin selectively stimulate the proliferation of kidney tubular cells via the activation of V2 receptors. <i>Endocrinology</i> , 2009 , 150, 239-50	4.8	15
14	Selective effects of partial and severe lesions of the serotonergic systems on Met-enkephalin and substance P neurons in rat basal ganglia. <i>Molecular Brain Research</i> , 1997 , 50, 246-56		14
13	Distribution of 5-HT ₄ receptors in wild-type mice and analyses of intestinal motility in 5-HT ₄ knockout mice. <i>Gastroenterology</i> , 2003 , 124, A342	13.3	13
12	Adaptive Control of Dorsal Raphe by 5-HT ₄ in the Prefrontal Cortex Prevents Persistent Hypophagia following Stress. <i>Cell Reports</i> , 2017 , 21, 901-909	10.6	12
11	Serotonin 5-HT receptor boosts functional maturation of dendritic spines via RhoA-dependent control of F-actin. <i>Communications Biology</i> , 2020 , 3, 76	6.7	10
10	Investigation of 5-HT ₄ receptors in bronchial hyperresponsiveness in cigarette smoke-exposed mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2014 , 28, 60-67	3.5	9
9	Serotonin signaling in eating disorders. <i>Environmental Sciences Europe</i> , 2012 , 1, 715-729	5	8
8	Do Limits of Neuronal Plasticity Represent an Opportunity for Mental Diseases, Such as Addiction to Food and Illegal Drugs? Use and Utilities of Serotonin Receptor Knock-Out Mice. <i>Frontiers in Neuroscience</i> , 2007 , 157-180		7
7	Altered Emotional States in Knockout Mice Lacking 5-HT _{1A} or 5-HT _{1B} Receptors. <i>Neuropsychopharmacology</i> , 1999 , 21, S52-S60	8.7	7
6	Under- to over-eating: how do serotonin receptors contribute?. <i>Future Neurology</i> , 2013 , 8, 701-714	1.5	4
5	Serotonin receptor 4 regulates hippocampal astrocyte morphology and function. <i>Glia</i> , 2021 , 69, 872-889		4
4	Anorexia and Drugs of Abuse Abnormally Suppress Appetite, the Result of a Shared Molecular Signal Foul-Up. <i>Neuromethods</i> , 2013 , 319-331	0.4	2
3	5-HT Receptors Are Not Involved in the Effects of Fluoxetine in the Corticosterone Model of Depression. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 2036-2044	5.7	2
2	Serotonin in eating behavior. <i>Handbook of Behavioral Neuroscience</i> , 2020 , 31, 489-503	0.7	1
1	Exploring the Neural Underpinnings of an Antidepressant and Rewarding Action of Early Anorexia. <i>Neuromethods</i> , 2021 , 319-334	0.4	