Giovanni Marsicano

List of Publications by Year in Descending Order

166 papers	17,395 citations	67 h-index	131 g-index
183 ext. papers	19,811 ext. citations	10.1 avg, IF	6.2 L-index

#	Paper	IF	Citations
166	Forgetting in obesity: The pregnenolone link.. *Cell Metabolism*, **2022**, 34, 187-188	24.6	
165	Differential expression of the neuronal CB1 cannabinoid receptor in the hippocampus of male Ts65Dn Down syndrome mouse model.. *Molecular and Cellular Neurosciences*, **2022**, 103705	4.8	
164	Imaging mitochondrial calcium dynamics in the central nervous system.. *Journal of Neuroscience Methods*, **2022**, 373, 109560	3	1
163	The role of the endocannabinoid system as a therapeutic target for autism spectrum disorder: Lessons from behavioral studies on mouse models. *Neuroscience and Biobehavioral Reviews*, **2021**, 132, 664-664	9	1
162	CB1 and GLP-1 Receptors Cross Talk Provides New Therapies for Obesity. *Diabetes*, **2021**, 70, 415-422	0.9	8
161	Functional heterogeneity of POMC neurons relies on mTORC1 signaling. *Cell Reports*, **2021**, 37, 109800	10.6	2
160	Spinal astroglial cannabinoid receptors control pathological tremor. *Nature Neuroscience*, **2021**, 24, 658-666	25	5
159	Subcellular specificity of cannabinoid effects in striatonigral circuits. *Neuron*, **2021**, 109, 1513-1526.e11	13.9	8
158	Communication and social interaction in the cannabinoid-type 1 receptor null mouse: Implications for autism spectrum disorder. *Autism Research*, **2021**, 14, 1854-1872	5.1	5
157	Hypothalamic bile acid-TGR5 signaling protects from obesity. *Cell Metabolism*, **2021**, 33, 1483-1492.e10	24.6	22
156	Sex-dependent pharmacological profiles of the synthetic cannabinoid MMB-Fubinaca. *Addiction Biology*, **2021**, 26, e12940	4.6	1
155	Exercise craving potentiates excitatory inputs to ventral tegmental area dopaminergic neurons. *Addiction Biology*, **2021**, 26, e12967	4.6	2
154	Cannabis and exercise: Effects of Δ-tetrahydrocannabinol on preference and motivation for wheel-running in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2021**, 105, 110177	5.5	3
153	Neural Substrates of Incidental Associations and Mediated Learning: The Role of Cannabinoid Receptors. *Frontiers in Behavioral Neuroscience*, **2021**, 15, 722796	3.5	
152	Identification of BiP as a CB Receptor-Interacting Protein That Fine-Tunes Cannabinoid Signaling in the Mouse Brain. *Journal of Neuroscience*, **2021**, 41, 7924-7941	6.6	0
151	The temporal origin of dentate granule neurons dictates their role in spatial memory. *Molecular Psychiatry*, **2021**,	15.1	2
150	CB1R-dependent regulation of astrocyte physiology and astrocyte-neuron interactions. *Neuropharmacology*, **2021**, 195, 108678	5.5	2

149	Astroglial ER-mitochondria calcium transfer mediates endocannabinoid-dependent synaptic integration.. *Cell Reports*, **2021**, 37, 110133	10.6	5
148	Specific Hippocampal Interneurons Shape Consolidation of Recognition Memory. *Cell Reports*, **2020**, 32, 108046	10.6	7
147	Glucose metabolism links astroglial mitochondria to cannabinoid effects. *Nature*, **2020**, 583, 603-608	50.4	66
146	Dopamine-Evoked Synaptic Regulation in the Nucleus Accumbens Requires Astrocyte Activity. *Neuron*, **2020**, 105, 1036-1047.e5	13.9	72
145	Synaptic Functions of Type-1 Cannabinoid Receptors in Inhibitory Circuits of the Anterior Piriform Cortex. *Neuroscience*, **2020**, 433, 121-131	3.9	2
144	Cannabinoid Control of Olfactory Processes: The Matters. *Genes*, **2020**, 11,	4.2	7
143	Functional and molecular heterogeneity of D2R neurons along dorsal ventral axis in the striatum. *Nature Communications*, **2020**, 11, 1957	17.4	18
142	Structural basis of astrocytic Ca signals at tripartite synapses. *Nature Communications*, **2020**, 11, 1906	17.4	51
141	An Alternative Maze to Assess Novel Object Recognition in Mice. *Bio-protocol*, **2020**, 10, e3651	0.9	1
140	Inhibition of striatonigral autophagy as a link between cannabinoid intoxication and impairment of motor coordination. *ELife*, **2020**, 9,	8.9	4
139	Alpha technology: A powerful tool to detect mouse brain intracellular signaling events. *Journal of Neuroscience Methods*, **2020**, 332, 108543	3	2
138	A Novel Cortical Mechanism for Top-Down Control of Water Intake. *Current Biology*, **2020**, 30, 4789-4798.e4	6.3	3
137	Cannabinoid-induced motor dysfunction autophagy inhibition. *Autophagy*, **2020**, 16, 2289-2291	10.2	1
136	The ergogenic impact of the glucocorticoid prednisolone does not translate into increased running motivation in mice. *Psychoneuroendocrinology*, **2020**, 111, 104489	5	3
135	The motivation for exercise over palatable food is dictated by cannabinoid type-1 receptors. *JCI Insight*, **2019**, 4,	9.9	13
134	Beyond the Activity-Based Anorexia Model: Reinforcing Values of Exercise and Feeding Examined in Stressed Adolescent Male and Female Mice. *Frontiers in Pharmacology*, **2019**, 10, 587	5.6	10
133	mTORC1 and CB1 receptor signaling regulate excitatory glutamatergic inputs onto the hypothalamic paraventricular nucleus in response to energy availability. *Molecular Metabolism*, **2019**, 28, 151-159	8.8	9
132	CB1 Receptors in the Anterior Piriform Cortex Control Odor Preference Memory. *Current Biology*, **2019**, 29, 2455-2464.e5	6.3	14

131	An Operant Conditioning Task to Assess the Choice between Wheel Running and Palatable Food in Mice. *Bio-protocol*, **2019**, 9, e3381	0.9	
130	Localization of the cannabinoid type-1 receptor in subcellular astrocyte compartments of mutant mouse hippocampus. *Glia*, **2018**, 66, 1417-1431	9	38
129	Pathway-Specific Control of Striatal Neuron Vulnerability by Corticostriatal Cannabinoid CB1 Receptors. *Cerebral Cortex*, **2018**, 28, 307-322	5.1	18
128	CB Receptor Signaling in the Brain: Extracting Specificity from Ubiquity. *Neuropsychopharmacology*, **2018**, 43, 4-20	8.7	135
127	Hippocampal CB Receptors Control Incidental Associations. *Neuron*, **2018**, 99, 1247-1259.e7	13.9	23
126	Astroglial CB Receptors Determine Synaptic D-Serine Availability to Enable Recognition Memory. *Neuron*, **2018**, 98, 935-944.e5	13.9	93
125	Anatomical characterization of the cannabinoid CB receptor in cell-type-specific mutant mouse rescue models. *Journal of Comparative Neurology*, **2017**, 525, 302-318	3.4	25
124	Chemical Proteomics Maps Brain Region Specific Activity of Endocannabinoid Hydrolases. *ACS Chemical Biology*, **2017**, 12, 852-861	4.9	21
123	The Endocannabinoid System in the Control of Behavior **2017**, 323-355		1
122	The CB1 Receptor as the Cornerstone of Exostasis. *Neuron*, **2017**, 93, 1252-1274	13.9	36
121	Synapse-specific astrocyte gating of amygdala-related behavior. *Nature Neuroscience*, **2017**, 20, 1540-1548	15.5	128
120	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. *Journal of Clinical Investigation*, **2017**, 127, 4148-4162	15.9	87
119	Functional Analysis of Mitochondrial CB1 Cannabinoid Receptors (mtCB1) in the Brain. *Methods in Enzymology*, **2017**, 593, 143-174	1.7	17
118	CB Cannabinoid Receptors Mediate Cognitive Deficits and Structural Plasticity Changes During Nicotine Withdrawal. *Biological Psychiatry*, **2017**, 81, 625-634	7.9	18
117	Ribosomal Protein S6 Phosphorylation Is Involved in Novelty-Induced Locomotion, Synaptic Plasticity and mRNA Translation. *Frontiers in Molecular Neuroscience*, **2017**, 10, 419	6.1	20
116	Representation-mediated Aversion as a Model to Study Psychotic-like States in Mice. *Bio-protocol*, **2017**, 7,	0.9	5
115	Cannabinoids and Mitochondria **2017**, 211-235		1
114	Astroglial type-1 cannabinoid receptor (CB1): A new player in the tripartite synapse. *Neuroscience*, **2016**, 323, 35-42	3.9	60

113	The cannabinoid CB1 receptor and mTORC1 signalling pathways interact to modulate glucose homeostasis in mice. *DMM Disease Models and Mechanisms*, **2016**, 9, 51-61	4.1	21
112	Peripheral and central CB1 cannabinoid receptors control stress-induced impairment of memory consolidation. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 9904-9	11.5	44
111	Layer-specific potentiation of network GABAergic inhibition in the CA1 area of the hippocampus. *Scientific Reports*, **2016**, 6, 28454	4.9	7
110	A cannabinoid link between mitochondria and memory. *Nature*, **2016**, 539, 555-559	50.4	226
109	Running per se stimulates the dendritic arbor of newborn dentate granule cells in mouse hippocampus in a duration-dependent manner. *Hippocampus*, **2016**, 26, 282-8	3.5	18
108	Differential Control of Cocaine Self-Administration by GABAergic and Glutamatergic CB1 Cannabinoid Receptors. *Neuropsychopharmacology*, **2016**, 41, 2192-205	8.7	29
107	Cannabinoid receptor type-1: breaking the dogmas. *F1000Research*, **2016**, 5,	3.6	45
106	Interacting Cannabinoid and Opioid Receptors in the Nucleus Accumbens Core Control Adolescent Social Play. *Frontiers in Behavioral Neuroscience*, **2016**, 10, 211	3.5	43
105	Cannabinoid CB Receptors Are Localized in Striated Muscle Mitochondria and Regulate Mitochondrial Respiration. *Frontiers in Physiology*, **2016**, 7, 476	4.6	53
104	Cannabinoid Control of Fear Responses **2015**, 131-155		1
103	Habenular CB1 Receptors Control the Expression of Aversive Memories. *Neuron*, **2015**, 88, 306-13	13.9	61
102	Opposite control of frontocortical 2-arachidonoylglycerol turnover rate by cannabinoid type-1 receptors located on glutamatergic neurons and on astrocytes. *Journal of Neurochemistry*, **2015**, 133, 26-37	6	8
101	The endocannabinoid system in guarding against fear, anxiety and stress. *Nature Reviews Neuroscience*, **2015**, 16, 705-18	13.5	253
100	Rising stars: modulation of brain functions by astroglial type-1 cannabinoid receptors. *Glia*, **2015**, 63, 353-64	9	66
99	Dissecting the cannabinergic control of behavior: The where matters. *BioEssays*, **2015**, 37, 1215-25	4.1	53
98	Cannabinoid type 1 (CB1) receptors on Sim1-expressing neurons regulate energy expenditure in male mice. *Endocrinology*, **2015**, 156, 411-8	4.8	32
97	Duration- and environment-dependent effects of repeated voluntary exercise on anxiety and cued fear in mice. *Behavioural Brain Research*, **2015**, 282, 1-5	3.4	10
96	The endocannabinoid system controls food intake via olfactory processes. *Nature Neuroscience*, **2014**, 17, 407-15	25.5	172

95	Pregnenolone can protect the brain from cannabis intoxication. *Science*, **2014**, 343, 94-8	33.3	201
94	Glycogen synthase kinase-3 is involved in electroacupuncture pretreatment via the cannabinoid CB1 receptor in ischemic stroke. *Molecular Neurobiology*, **2014**, 49, 326-36	6.2	36
93	Control of spasticity in a multiple sclerosis model using central nervous system-excluded CB1 cannabinoid receptor agonists. *FASEB Journal*, **2014**, 28, 117-30	0.9	23
92	Cannabinoid type-1 receptors in the paraventricular nucleus of the hypothalamus inhibit stimulated food intake. *Neuroscience*, **2014**, 263, 46-53	3.9	24
91	Studying mitochondrial CB1 receptors: Yes we can. *Molecular Metabolism*, **2014**, 3, 339	8.8	21
90	CB1 cannabinoid receptor in SF1-expressing neurons of the ventromedial hypothalamus determines metabolic responses to diet and leptin. *Molecular Metabolism*, **2014**, 3, 705-16	8.8	55
89	Enhanced endocannabinoid-mediated modulation of rostromedial tegmental nucleus drive onto dopamine neurons in Sardinian alcohol-preferring rats. *Journal of Neuroscience*, **2014**, 34, 12716-24	6.6	39
88	New insights on food intake control by olfactory processes: the emerging role of the endocannabinoid system. *Molecular and Cellular Endocrinology*, **2014**, 397, 59-66	4.4	31
87	Cannabinoid control of brain bioenergetics: Exploring the subcellular localization of the CB1 receptor. *Molecular Metabolism*, **2014**, 3, 495-504	8.8	95
86	Cannabinoid CB1 receptor in dorsal telencephalic glutamatergic neurons: distinctive sufficiency for hippocampus-dependent and amygdala-dependent synaptic and behavioral functions. *Journal of Neuroscience*, **2013**, 33, 10264-77	6.6	89
85	Activation of STAT3 is involved in neuroprotection by electroacupuncture pretreatment via cannabinoid CB1 receptors in rats. *Brain Research*, **2013**, 1529, 154-64	3.7	45
84	Stress switches cannabinoid type-1 (CB1) receptor-dependent plasticity from LTD to LTP in the bed nucleus of the stria terminalis. *Journal of Neuroscience*, **2013**, 33, 19657-63	6.6	41
83	Two-photon excitation STED microscopy in two colors in acute brain slices. *Biophysical Journal*, **2013**, 104, 778-85	2.9	101
82	Astroglial CB1 cannabinoid receptors regulate leptin signaling in mouse brain astrocytes. *Molecular Metabolism*, **2013**, 2, 393-404	8.8	57
81	Dissociation of the pharmacological effects of THC by mTOR blockade. *Neuropsychopharmacology*, **2013**, 38, 1334-43	8.7	63
80	Neuron-type specific cannabinoid-mediated G protein signalling in mouse hippocampus. *Journal of Neurochemistry*, **2013**, 124, 795-807	6	75
79	Ventral tegmental area cannabinoid type-1 receptors control voluntary exercise performance. *Biological Psychiatry*, **2013**, 73, 895-903	7.9	64
78	Striatal GABAergic and cortical glutamatergic neurons mediate contrasting effects of cannabinoids on cortical network synchrony. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 719-24	11.5	54

77	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB1 receptor blockade. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 4786-91	11.5	84
76	Anti-inflammatory lipoxin A4 is an endogenous allosteric enhancer of CB1 cannabinoid receptor. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 21134-9	11.5	136
75	Cannabinoid CB1 receptor deficiency increases contextual fear memory under highly aversive conditions and long-term potentiation in vivo. *Neurobiology of Learning and Memory*, **2012**, 98, 47-55	3.1	54
74	Genetic dissection of the role of cannabinoid type-1 receptors in the emotional consequences of repeated social stress in mice. *Neuropsychopharmacology*, **2012**, 37, 1885-900	8.7	106
73	Acute cannabinoids impair working memory through astroglial CB1 receptor modulation of hippocampal LTD. *Cell*, **2012**, 148, 1039-50	56.2	307
72	Endocannabinoids measurement in human saliva as potential biomarker of obesity. *PLoS ONE*, **2012**, 7, e42399	3.7	82
71	Mitochondrial CB1 receptors regulate neuronal energy metabolism. *Nature Neuroscience*, **2012**, 15, 558-64	15.5	337
70	Bimodal control of fear-coping strategies by CB1 cannabinoid receptors. *Journal of Neuroscience*, **2012**, 32, 7109-18	6.6	72
69	Hypothalamic CB1 cannabinoid receptors regulate energy balance in mice. *Endocrinology*, **2012**, 153, 4136-43	4.8	85
68	Developmental regulation of CB1-mediated spike-time dependent depression at immature mossy fiber-CA3 synapses. *Scientific Reports*, **2012**, 2, 285	4.9	15
67	Presynaptic CB1 receptors regulate synaptic plasticity at cerebellar parallel fiber synapses. *Journal of Neurophysiology*, **2011**, 105, 958-63	3.2	42
66	Endocannabinoids and motor behavior: CB1 receptors also control running activity. *Physiology*, **2011**, 26, 76-7; author reply 78	9.8	14
65	New fat and new neurons: endocannabinoids control neurogenesis in obesity (Commentary on Rivera et al.). *European Journal of Neuroscience*, **2011**, 33, 1575-6	3.5	1
64	Emotional consequences of wheel running in mice: which is the appropriate control?. *Hippocampus*, **2011**, 21, 239-42	3.5	20
63	Loss of striatal type 1 cannabinoid receptors is a key pathogenic factor in Huntington's disease. *Brain*, **2011**, 134, 119-36	11.2	154
62	State-dependent, bidirectional modulation of neural network activity by endocannabinoids. *Journal of Neuroscience*, **2011**, 31, 16591-6	6.6	16
61	Pharmacological activation of kainate receptors drives endocannabinoid mobilization. *Journal of Neuroscience*, **2011**, 31, 3243-8	6.6	42
60	Moving bliss: a new anandamide transporter. *Nature Neuroscience*, **2011**, 15, 5-6	25.5	8

59	GABAergic and cortical and subcortical glutamatergic axon terminals contain CB1 cannabinoid receptors in the ventromedial nucleus of the hypothalamus. *PLoS ONE*, **2011**, 6, e26167	3.7	16
58	Synaptic activation of kainate receptors gates presynaptic CB(1) signaling at GABAergic synapses. *Nature Neuroscience*, **2010**, 13, 197-204	25.5	51
57	Bimodal control of stimulated food intake by the endocannabinoid system. *Nature Neuroscience*, **2010**, 13, 281-3	25.5	212
56	Localization and function of the cannabinoid CB1 receptor in the anterolateral bed nucleus of the stria terminalis. *PLoS ONE*, **2010**, 5, e8869	3.7	39
55	CB(1) signaling in forebrain and sympathetic neurons is a key determinant of endocannabinoid actions on energy balance. *Cell Metabolism*, **2010**, 11, 273-85	24.6	171
54	CB1 receptor deficiency decreases wheel-running activity: consequences on emotional behaviours and hippocampal neurogenesis. *Experimental Neurology*, **2010**, 224, 106-13	5.7	74
53	Cannabinoid modulation of hippocampal long-term memory is mediated by mTOR signaling. *Nature Neuroscience*, **2009**, 12, 1152-8	25.5	279
52	Self-modulation of neocortical pyramidal neurons by endocannabinoids. *Nature Neuroscience*, **2009**, 12, 1488-90	25.5	81
51	WIN55,212-2, a cannabinoid receptor agonist, protects against nigrostriatal cell loss in the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine mouse model of Parkinson's disease. *European Journal of Neuroscience*, **2009**, 29, 2177-86	3.5	172
50	Bidirectional regulation of novelty-induced behavioral inhibition by the endocannabinoid system. *Neuropharmacology*, **2009**, 57, 715-21	5.5	57
49	Spinal endocannabinoids and CB1 receptors mediate C-fiber-induced heterosynaptic pain sensitization. *Science*, **2009**, 325, 760-4	33.3	140
48	Roles of the endocannabinoid system in learning and memory. *Current Topics in Behavioral Neurosciences*, **2009**, 1, 201-30	3.4	75
47	Antidepressant-like behavioral effects of impaired cannabinoid receptor type 1 signaling coincide with exaggerated corticosterone secretion in mice. *Psychoneuroendocrinology*, **2008**, 33, 54-67	5	118
46	Conditional cannabinoid receptor type 1 mutants reveal neuron subpopulation-specific effects on behavioral and neuroendocrine stress responses. *Psychoneuroendocrinology*, **2008**, 33, 1165-70	5	66
45	Paracrine activation of hepatic CB1 receptors by stellate cell-derived endocannabinoids mediates alcoholic fatty liver. *Cell Metabolism*, **2008**, 7, 227-35	24.6	246
44	Activation of CB1 specifically located on GABAergic interneurons inhibits LTD in the lateral amygdala. *Learning and Memory*, **2008**, 15, 143-52	2.8	47
43	Cannabinoid type 1 receptor blockade promotes mitochondrial biogenesis through endothelial nitric oxide synthase expression in white adipocytes. *Diabetes*, **2008**, 57, 2028-36	0.9	118
42	Endocannabinoid signaling controls pyramidal cell specification and long-range axon patterning. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 8760-5	11.5	217

41	Increased endocannabinoid levels reduce the development of precancerous lesions in the mouse colon. *Journal of Molecular Medicine*, **2008**, 86, 89-98	5.5	87
40	Cannabinoids enhance susceptibility of immature brain to ethanol neurotoxicity. *Annals of Neurology*, **2008**, 64, 42-52	9.4	62
39	Hepatic CB1 receptor is required for development of diet-induced steatosis, dyslipidemia, and insulin and leptin resistance in mice. *Journal of Clinical Investigation*, **2008**, 118, 3160-9	15.9	351
38	Anatomical Distribution of Receptors, Ligands and Enzymes in the Brain and in the Spinal Cord: Circuitries and Neurochemistry **2008**, 161-201		33
37	Hardwiring the brain: endocannabinoids shape neuronal connectivity. *Science*, **2007**, 316, 1212-6	33.3	380
36	The endocannabinoid system in the processing of anxiety and fear and how CB1 receptors may modulate fear extinction. *Pharmacological Research*, **2007**, 56, 367-81	10.2	104
35	Direct suppression of CNS autoimmune inflammation via the cannabinoid receptor CB1 on neurons and CB2 on autoreactive T cells. *Nature Medicine*, **2007**, 13, 492-7	50.5	292
34	Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. *Nature Neuroscience*, **2007**, 10, 870-9	25.5	430
33	The CB1 cannabinoid receptor mediates excitotoxicity-induced neural progenitor proliferation and neurogenesis. *Journal of Biological Chemistry*, **2007**, 282, 23892-8	5.4	115
32	Role of cannabinoid type 1 receptors in locomotor activity and striatal signaling in response to psychostimulants. *Journal of Neuroscience*, **2007**, 27, 6937-47	6.6	99
31	Genetic dissection of behavioural and autonomic effects of Delta(9)-tetrahydrocannabinol in mice. *PLoS Biology*, **2007**, 5, e269	9.7	182
30	Requirement of cannabinoid receptor type 1 for the basal modulation of hypothalamic-pituitary-adrenal axis function. *Endocrinology*, **2007**, 148, 1574-81	4.8	163
29	Protective activation of the endocannabinoid system during ischemia in dopamine neurons. *Neurobiology of Disease*, **2006**, 24, 15-27	7.5	84
28	Cannabinoid CB1 receptor mediates fear extinction via habituation-like processes. *Journal of Neuroscience*, **2006**, 26, 6677-86	6.6	181
27	Cannabinoid receptor type 1 located on presynaptic terminals of principal neurons in the forebrain controls glutamatergic synaptic transmission. *Journal of Neuroscience*, **2006**, 26, 5794-9	6.6	179
26	The endocannabinoid system promotes astroglial differentiation by acting on neural progenitor cells. *Journal of Neuroscience*, **2006**, 26, 1551-61	6.6	187
25	The emerging role of the endocannabinoid system in endocrine regulation and energy balance. *Endocrine Reviews*, **2006**, 27, 73-100	27.2	649
24	The endocannabinoid system controls key epileptogenic circuits in the hippocampus. *Neuron*, **2006**, 51, 455-66	13.9	546

23	The endocannabinoid system drives neural progenitor proliferation. *FASEB Journal*, **2005**, 19, 1704-6	0.9	257
22	Fatty acid amide hydrolase controls mouse intestinal motility in vivo. *Gastroenterology*, **2005**, 129, 941-51	13.3	104
21	Cannabinoid CB1 receptor is dispensable for memory extinction in an appetitively-motivated learning task. *European Journal of Pharmacology*, **2005**, 510, 69-74	5.3	83
20	Prefrontal cortex stimulation induces 2-arachidonoyl-glycerol-mediated suppression of excitation in dopamine neurons. *Journal of Neuroscience*, **2004**, 24, 10707-15	6.6	220
19	Circuitry for associative plasticity in the amygdala involves endocannabinoid signaling. *Journal of Neuroscience*, **2004**, 24, 9953-61	6.6	217
18	Involvement of brain-derived neurotrophic factor in cannabinoid receptor-dependent protection against excitotoxicity. *European Journal of Neuroscience*, **2004**, 19, 1691-8	3.5	149
17	Reduced sensitivity to reward in CB1 knockout mice. *Psychopharmacology*, **2004**, 176, 223-32	4.7	122
16	CB1 cannabinoid receptors modulate kinase and phosphatase activity during extinction of conditioned fear in mice. *Learning and Memory*, **2004**, 11, 625-32	2.8	114
15	The endogenous cannabinoid system protects against colonic inflammation. *Journal of Clinical Investigation*, **2004**, 113, 1202-1209	15.9	319
14	The endogenous cannabinoid system protects against colonic inflammation. *Journal of Clinical Investigation*, **2004**, 113, 1202-9	15.9	166
13	The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis. *Journal of Clinical Investigation*, **2003**, 112, 423-31	15.9	838
12	An endogenous cannabinoid tone attenuates cholera toxin-induced fluid accumulation in mice. *Gastroenterology*, **2003**, 125, 765-74	13.3	112
11	CB1 cannabinoid receptors and on-demand defense against excitotoxicity. *Science*, **2003**, 302, 84-8	33.3	946
10	Activation of the cannabinoid receptor type 1 decreases glutamatergic and GABAergic synaptic transmission in the lateral amygdala of the mouse. *Learning and Memory*, **2003**, 10, 116-28	2.8	168
9	Neuroprotective properties of cannabinoids against oxidative stress: role of the cannabinoid receptor CB1. *Journal of Neurochemistry*, **2002**, 80, 448-56	6	233
8	The endogenous cannabinoid system controls extinction of aversive memories. *Nature*, **2002**, 418, 530-4	50.4	1405
7	Differential role of the nitric oxide pathway on delta(9)-THC-induced central nervous system effects in the mouse. *European Journal of Neuroscience*, **2001**, 13, 561-8	3.5	44
6	An in vivo model of hyperacute rejection: characterization and evaluation of the effect of transgenic human complement inhibitors. *Transgenic Research*, **2000**, 9, 205-13	3.3	1

5	Expression of the cannabinoid receptor CB1 in distinct neuronal subpopulations in the adult mouse forebrain. *European Journal of Neuroscience*, **1999**, 11, 4213-25	3.5	665
4	KIDNEYS DERIVED FROM MICE TRANSGENIC FOR HUMAN COMPLEMENT BLOCKERS ARE PROTECTED IN AN IN VIVO MODEL OF HYPERACUTE REJECTION. *Journal of Urology*, **1998**, 159, 1364-1369	2.5	10
3	Factors controlling haemopoiesis in ovine long-term bone marrow cultures. *Veterinary Immunology and Immunopathology*, **1997**, 55, 291-301	2	3
2	Structural Basis of Astrocytic Ca 2 Signals at Tripartite Synapses. *SSRN Electronic Journal*,	1	1
1	POMC neurons functional heterogeneity relies on mTORC1 signaling		3