

Giovanni Marsicano

List of Publications by Citations

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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	The endogenous cannabinoid system controls extinction of aversive memories. <i>Nature</i> , 2002 , 418, 530-450.4	50.4	1405
165	CB1 cannabinoid receptors and on-demand defense against excitotoxicity. <i>Science</i> , 2003 , 302, 84-8	33.3	946
164	The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 423-31	15.9	838
163	Expression of the cannabinoid receptor CB1 in distinct neuronal subpopulations in the adult mouse forebrain. <i>European Journal of Neuroscience</i> , 1999 , 11, 4213-25	3.5	665
162	The emerging role of the endocannabinoid system in endocrine regulation and energy balance. <i>Endocrine Reviews</i> , 2006 , 27, 73-100	27.2	649
161	The endocannabinoid system controls key epileptogenic circuits in the hippocampus. <i>Neuron</i> , 2006 , 51, 455-66	13.9	546
160	Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. <i>Nature Neuroscience</i> , 2007 , 10, 870-9	25.5	430
159	Hardwiring the brain: endocannabinoids shape neuronal connectivity. <i>Science</i> , 2007 , 316, 1212-6	33.3	380
158	Hepatic CB1 receptor is required for development of diet-induced steatosis, dyslipidemia, and insulin and leptin resistance in mice. <i>Journal of Clinical Investigation</i> , 2008 , 118, 3160-9	15.9	351
157	Mitochondrial CB1 receptors regulate neuronal energy metabolism. <i>Nature Neuroscience</i> , 2012 , 15, 558-64	15.5	337
156	The endogenous cannabinoid system protects against colonic inflammation. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1202-1209	15.9	319
155	Acute cannabinoids impair working memory through astroglial CB1 receptor modulation of hippocampal LTD. <i>Cell</i> , 2012 , 148, 1039-50	56.2	307
154	Direct suppression of CNS autoimmune inflammation via the cannabinoid receptor CB1 on neurons and CB2 on autoreactive T cells. <i>Nature Medicine</i> , 2007 , 13, 492-7	50.5	292
153	Cannabinoid modulation of hippocampal long-term memory is mediated by mTOR signaling. <i>Nature Neuroscience</i> , 2009 , 12, 1152-8	25.5	279
152	The endocannabinoid system drives neural progenitor proliferation. <i>FASEB Journal</i> , 2005 , 19, 1704-6	0.9	257
151	The endocannabinoid system in guarding against fear, anxiety and stress. <i>Nature Reviews Neuroscience</i> , 2015 , 16, 705-18	13.5	253
150	Paracrine activation of hepatic CB1 receptors by stellate cell-derived endocannabinoids mediates alcoholic fatty liver. <i>Cell Metabolism</i> , 2008 , 7, 227-35	24.6	246

149	Neuroprotective properties of cannabinoids against oxidative stress: role of the cannabinoid receptor CB1. <i>Journal of Neurochemistry</i> , 2002 , 80, 448-56	6	233
148	A cannabinoid link between mitochondria and memory. <i>Nature</i> , 2016 , 539, 555-559	50.4	226
147	Prefrontal cortex stimulation induces 2-arachidonoyl-glycerol-mediated suppression of excitation in dopamine neurons. <i>Journal of Neuroscience</i> , 2004 , 24, 10707-15	6.6	220
146	Endocannabinoid signaling controls pyramidal cell specification and long-range axon patterning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 8760-5	11.5	217
145	Circuitry for associative plasticity in the amygdala involves endocannabinoid signaling. <i>Journal of Neuroscience</i> , 2004 , 24, 9953-61	6.6	217
144	Bimodal control of stimulated food intake by the endocannabinoid system. <i>Nature Neuroscience</i> , 2010 , 13, 281-3	25.5	212
143	Pregnenolone can protect the brain from cannabis intoxication. <i>Science</i> , 2014 , 343, 94-8	33.3	201
142	The endocannabinoid system promotes astroglial differentiation by acting on neural progenitor cells. <i>Journal of Neuroscience</i> , 2006 , 26, 1551-61	6.6	187
141	Genetic dissection of behavioural and autonomic effects of Delta(9)-tetrahydrocannabinol in mice. <i>PLoS Biology</i> , 2007 , 5, e269	9.7	182
140	Cannabinoid CB1 receptor mediates fear extinction via habituation-like processes. <i>Journal of Neuroscience</i> , 2006 , 26, 6677-86	6.6	181
139	Cannabinoid receptor type 1 located on presynaptic terminals of principal neurons in the forebrain controls glutamatergic synaptic transmission. <i>Journal of Neuroscience</i> , 2006 , 26, 5794-9	6.6	179
138	The endocannabinoid system controls food intake via olfactory processes. <i>Nature Neuroscience</i> , 2014 , 17, 407-15	25.5	172
137	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. <i>European Journal of Neuroscience</i> , 2009 , 29, 2177-86	3.5	172
136	CB(1) signaling in forebrain and sympathetic neurons is a key determinant of endocannabinoid actions on energy balance. <i>Cell Metabolism</i> , 2010 , 11, 273-85	24.6	171
135	Activation of the cannabinoid receptor type 1 decreases glutamatergic and GABAergic synaptic transmission in the lateral amygdala of the mouse. <i>Learning and Memory</i> , 2003 , 10, 116-28	2.8	168
134	The endogenous cannabinoid system protects against colonic inflammation. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1202-9	15.9	166
133	Requirement of cannabinoid receptor type 1 for the basal modulation of hypothalamic-pituitary-adrenal axis function. <i>Endocrinology</i> , 2007 , 148, 1574-81	4.8	163
132	Loss of striatal type 1 cannabinoid receptors is a key pathogenic factor in Huntington's disease. <i>Brain</i> , 2011 , 134, 119-36	11.2	154

131	Involvement of brain-derived neurotrophic factor in cannabinoid receptor-dependent protection against excitotoxicity. <i>European Journal of Neuroscience</i> , 2004 , 19, 1691-8	3.5	149
130	Spinal endocannabinoids and CB1 receptors mediate C-fiber-induced heterosynaptic pain sensitization. <i>Science</i> , 2009 , 325, 760-4	33.3	140
129	Anti-inflammatory lipoxin A4 is an endogenous allosteric enhancer of CB1 cannabinoid receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 21134-9	11.5	136
128	CB Receptor Signaling in the Brain: Extracting Specificity from Ubiquity. <i>Neuropsychopharmacology</i> , 2018 , 43, 4-20	8.7	135
127	Synapse-specific astrocyte gating of amygdala-related behavior. <i>Nature Neuroscience</i> , 2017 , 20, 1540-1548	18.5	128
126	Reduced sensitivity to reward in CB1 knockout mice. <i>Psychopharmacology</i> , 2004 , 176, 223-32	4.7	122
125	Antidepressant-like behavioral effects of impaired cannabinoid receptor type 1 signaling coincide with exaggerated corticosterone secretion in mice. <i>Psychoneuroendocrinology</i> , 2008 , 33, 54-67	5	118
124	Cannabinoid type 1 receptor blockade promotes mitochondrial biogenesis through endothelial nitric oxide synthase expression in white adipocytes. <i>Diabetes</i> , 2008 , 57, 2028-36	0.9	118
123	The CB1 cannabinoid receptor mediates excitotoxicity-induced neural progenitor proliferation and neurogenesis. <i>Journal of Biological Chemistry</i> , 2007 , 282, 23892-8	5.4	115
122	CB1 cannabinoid receptors modulate kinase and phosphatase activity during extinction of conditioned fear in mice. <i>Learning and Memory</i> , 2004 , 11, 625-32	2.8	114
121	An endogenous cannabinoid tone attenuates cholera toxin-induced fluid accumulation in mice. <i>Gastroenterology</i> , 2003 , 125, 765-74	13.3	112
120	Genetic dissection of the role of cannabinoid type-1 receptors in the emotional consequences of repeated social stress in mice. <i>Neuropsychopharmacology</i> , 2012 , 37, 1885-900	8.7	106
119	The endocannabinoid system in the processing of anxiety and fear and how CB1 receptors may modulate fear extinction. <i>Pharmacological Research</i> , 2007 , 56, 367-81	10.2	104
118	Fatty acid amide hydrolase controls mouse intestinal motility in vivo. <i>Gastroenterology</i> , 2005 , 129, 941-51	13.3	104
117	Two-photon excitation STED microscopy in two colors in acute brain slices. <i>Biophysical Journal</i> , 2013 , 104, 778-85	2.9	101
116	Role of cannabinoid type 1 receptors in locomotor activity and striatal signaling in response to psychostimulants. <i>Journal of Neuroscience</i> , 2007 , 27, 6937-47	6.6	99
115	Cannabinoid control of brain bioenergetics: Exploring the subcellular localization of the CB1 receptor. <i>Molecular Metabolism</i> , 2014 , 3, 495-504	8.8	95
114	Astroglial CB Receptors Determine Synaptic D-Serine Availability to Enable Recognition Memory. <i>Neuron</i> , 2018 , 98, 935-944.e5	13.9	93

113	Cannabinoid CB1 receptor in dorsal telencephalic glutamatergic neurons: distinctive sufficiency for hippocampus-dependent and amygdala-dependent synaptic and behavioral functions. <i>Journal of Neuroscience</i> , 2013 , 33, 10264-77	6.6	89
112	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4148-4162	15.9	87
111	Increased endocannabinoid levels reduce the development of precancerous lesions in the mouse colon. <i>Journal of Molecular Medicine</i> , 2008 , 86, 89-98	5.5	87
110	Hypothalamic CB1 cannabinoid receptors regulate energy balance in mice. <i>Endocrinology</i> , 2012 , 153, 4136-43	4.8	85
109	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB1 receptor blockade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4786-91	11.5	84
108	Protective activation of the endocannabinoid system during ischemia in dopamine neurons. <i>Neurobiology of Disease</i> , 2006 , 24, 15-27	7.5	84
107	Cannabinoid CB1 receptor is dispensable for memory extinction in an appetitively-motivated learning task. <i>European Journal of Pharmacology</i> , 2005 , 510, 69-74	5.3	83
106	Endocannabinoids measurement in human saliva as potential biomarker of obesity. <i>PLoS ONE</i> , 2012 , 7, e42399	3.7	82
105	Self-modulation of neocortical pyramidal neurons by endocannabinoids. <i>Nature Neuroscience</i> , 2009 , 12, 1488-90	25.5	81
104	Neuron-type specific cannabinoid-mediated G protein signalling in mouse hippocampus. <i>Journal of Neurochemistry</i> , 2013 , 124, 795-807	6	75
103	Roles of the endocannabinoid system in learning and memory. <i>Current Topics in Behavioral Neurosciences</i> , 2009 , 1, 201-30	3.4	75
102	CB1 receptor deficiency decreases wheel-running activity: consequences on emotional behaviours and hippocampal neurogenesis. <i>Experimental Neurology</i> , 2010 , 224, 106-13	5.7	74
101	Dopamine-Evoked Synaptic Regulation in the Nucleus Accumbens Requires Astrocyte Activity. <i>Neuron</i> , 2020 , 105, 1036-1047.e5	13.9	72
100	Bimodal control of fear-coping strategies by CB1 cannabinoid receptors. <i>Journal of Neuroscience</i> , 2012 , 32, 7109-18	6.6	72
99	Rising stars: modulation of brain functions by astroglial type-1 cannabinoid receptors. <i>Glia</i> , 2015 , 63, 353-64	9	66
98	Glucose metabolism links astroglial mitochondria to cannabinoid effects. <i>Nature</i> , 2020 , 583, 603-608	50.4	66
97	Conditional cannabinoid receptor type 1 mutants reveal neuron subpopulation-specific effects on behavioral and neuroendocrine stress responses. <i>Psychoneuroendocrinology</i> , 2008 , 33, 1165-70	5	66
96	Ventral tegmental area cannabinoid type-1 receptors control voluntary exercise performance. <i>Biological Psychiatry</i> , 2013 , 73, 895-903	7.9	64

95	Dissociation of the pharmacological effects of THC by mTOR blockade. <i>Neuropsychopharmacology</i> , 2013 , 38, 1334-43	8.7	63
94	Cannabinoids enhance susceptibility of immature brain to ethanol neurotoxicity. <i>Annals of Neurology</i> , 2008 , 64, 42-52	9.4	62
93	Habenular CB1 Receptors Control the Expression of Aversive Memories. <i>Neuron</i> , 2015 , 88, 306-13	13.9	61
92	Astroglial type-1 cannabinoid receptor (CB1): A new player in the tripartite synapse. <i>Neuroscience</i> , 2016 , 323, 35-42	3.9	60
91	Astroglial CB1 cannabinoid receptors regulate leptin signaling in mouse brain astrocytes. <i>Molecular Metabolism</i> , 2013 , 2, 393-404	8.8	57
90	Bidirectional regulation of novelty-induced behavioral inhibition by the endocannabinoid system. <i>Neuropharmacology</i> , 2009 , 57, 715-21	5.5	57
89	CB1 cannabinoid receptor in SF1-expressing neurons of the ventromedial hypothalamus determines metabolic responses to diet and leptin. <i>Molecular Metabolism</i> , 2014 , 3, 705-16	8.8	55
88	Cannabinoid CB1 receptor deficiency increases contextual fear memory under highly aversive conditions and long-term potentiation in vivo. <i>Neurobiology of Learning and Memory</i> , 2012 , 98, 47-55	3.1	54
87	Striatal GABAergic and cortical glutamatergic neurons mediate contrasting effects of cannabinoids on cortical network synchrony. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 719-24	11.5	54
86	Dissecting the cannabinergic control of behavior: The where matters. <i>BioEssays</i> , 2015 , 37, 1215-25	4.1	53
85	Cannabinoid CB Receptors Are Localized in Striated Muscle Mitochondria and Regulate Mitochondrial Respiration. <i>Frontiers in Physiology</i> , 2016 , 7, 476	4.6	53
84	Structural basis of astrocytic Ca signals at tripartite synapses. <i>Nature Communications</i> , 2020 , 11, 1906	17.4	51
83	Synaptic activation of kainate receptors gates presynaptic CB(1) signaling at GABAergic synapses. <i>Nature Neuroscience</i> , 2010 , 13, 197-204	25.5	51
82	Activation of CB1 specifically located on GABAergic interneurons inhibits LTD in the lateral amygdala. <i>Learning and Memory</i> , 2008 , 15, 143-52	2.8	47
81	Activation of STAT3 is involved in neuroprotection by electroacupuncture pretreatment via cannabinoid CB1 receptors in rats. <i>Brain Research</i> , 2013 , 1529, 154-64	3.7	45
80	Cannabinoid receptor type-1: breaking the dogmas. <i>F1000Research</i> , 2016 , 5,	3.6	45
79	Peripheral and central CB1 cannabinoid receptors control stress-induced impairment of memory consolidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9904-9	11.5	44
78	Differential role of the nitric oxide pathway on delta(9)-THC-induced central nervous system effects in the mouse. <i>European Journal of Neuroscience</i> , 2001 , 13, 561-8	3.5	44

77	Interacting Cannabinoid and Opioid Receptors in the Nucleus Accumbens Core Control Adolescent Social Play. <i>Frontiers in Behavioral Neuroscience</i> , 2016 , 10, 211	3.5	43
76	Presynaptic CB1 receptors regulate synaptic plasticity at cerebellar parallel fiber synapses. <i>Journal of Neurophysiology</i> , 2011 , 105, 958-63	3.2	42
75	Pharmacological activation of kainate receptors drives endocannabinoid mobilization. <i>Journal of Neuroscience</i> , 2011 , 31, 3243-8	6.6	42
74	Stress switches cannabinoid type-1 (CB1) receptor-dependent plasticity from LTD to LTP in the bed nucleus of the stria terminalis. <i>Journal of Neuroscience</i> , 2013 , 33, 19657-63	6.6	41
73	Enhanced endocannabinoid-mediated modulation of rostromedial tegmental nucleus drive onto dopamine neurons in Sardinian alcohol-preferring rats. <i>Journal of Neuroscience</i> , 2014 , 34, 12716-24	6.6	39
72	Localization and function of the cannabinoid CB1 receptor in the anterolateral bed nucleus of the stria terminalis. <i>PLoS ONE</i> , 2010 , 5, e8869	3.7	39
71	Localization of the cannabinoid type-1 receptor in subcellular astrocyte compartments of mutant mouse hippocampus. <i>Glia</i> , 2018 , 66, 1417-1431	9	38
70	The CB1 Receptor as the Cornerstone of Exostasis. <i>Neuron</i> , 2017 , 93, 1252-1274	13.9	36
69	Glycogen synthase kinase-3 β s involved in electroacupuncture pretreatment via the cannabinoid CB1 receptor in ischemic stroke. <i>Molecular Neurobiology</i> , 2014 , 49, 326-36	6.2	36
68	Anatomical Distribution of Receptors, Ligands and Enzymes in the Brain and in the Spinal Cord: Circuitries and Neurochemistry 2008 , 161-201		33
67	Cannabinoid type 1 (CB1) receptors on Sim1-expressing neurons regulate energy expenditure in male mice. <i>Endocrinology</i> , 2015 , 156, 411-8	4.8	32
66	New insights on food intake control by olfactory processes: the emerging role of the endocannabinoid system. <i>Molecular and Cellular Endocrinology</i> , 2014 , 397, 59-66	4.4	31
65	Differential Control of Cocaine Self-Administration by GABAergic and Glutamatergic CB1 Cannabinoid Receptors. <i>Neuropsychopharmacology</i> , 2016 , 41, 2192-205	8.7	29
64	Anatomical characterization of the cannabinoid CB receptor in cell-type-specific mutant mouse rescue models. <i>Journal of Comparative Neurology</i> , 2017 , 525, 302-318	3.4	25
63	Cannabinoid type-1 receptors in the paraventricular nucleus of the hypothalamus inhibit stimulated food intake. <i>Neuroscience</i> , 2014 , 263, 46-53	3.9	24
62	Control of spasticity in a multiple sclerosis model using central nervous system-excluded CB1 cannabinoid receptor agonists. <i>FASEB Journal</i> , 2014 , 28, 117-30	0.9	23
61	Hippocampal CB Receptors Control Incidental Associations. <i>Neuron</i> , 2018 , 99, 1247-1259.e7	13.9	23
60	Hypothalamic bile acid-TGR5 signaling protects from obesity. <i>Cell Metabolism</i> , 2021 , 33, 1483-1492.e10	24.6	22

59	Chemical Proteomics Maps Brain Region Specific Activity of Endocannabinoid Hydrolases. <i>ACS Chemical Biology</i> , 2017 , 12, 852-861	4.9	21
58	The cannabinoid CB1 receptor and mTORC1 signalling pathways interact to modulate glucose homeostasis in mice. <i>DMM Disease Models and Mechanisms</i> , 2016 , 9, 51-61	4.1	21
57	Studying mitochondrial CB1 receptors: Yes we can. <i>Molecular Metabolism</i> , 2014 , 3, 339	8.8	21
56	Ribosomal Protein S6 Phosphorylation Is Involved in Novelty-Induced Locomotion, Synaptic Plasticity and mRNA Translation. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 419	6.1	20
55	Emotional consequences of wheel running in mice: which is the appropriate control?. <i>Hippocampus</i> , 2011 , 21, 239-42	3.5	20
54	Functional and molecular heterogeneity of D2R neurons along dorsal ventral axis in the striatum. <i>Nature Communications</i> , 2020 , 11, 1957	17.4	18
53	Pathway-Specific Control of Striatal Neuron Vulnerability by Corticostriatal Cannabinoid CB1 Receptors. <i>Cerebral Cortex</i> , 2018 , 28, 307-322	5.1	18
52	Running per se stimulates the dendritic arbor of newborn dentate granule cells in mouse hippocampus in a duration-dependent manner. <i>Hippocampus</i> , 2016 , 26, 282-8	3.5	18
51	CB Cannabinoid Receptors Mediate Cognitive Deficits and Structural Plasticity Changes During Nicotine Withdrawal. <i>Biological Psychiatry</i> , 2017 , 81, 625-634	7.9	18
50	Functional Analysis of Mitochondrial CB1 Cannabinoid Receptors (mtCB1) in the Brain. <i>Methods in Enzymology</i> , 2017 , 593, 143-174	1.7	17
49	State-dependent, bidirectional modulation of neural network activity by endocannabinoids. <i>Journal of Neuroscience</i> , 2011 , 31, 16591-6	6.6	16
48	GABAergic and cortical and subcortical glutamatergic axon terminals contain CB1 cannabinoid receptors in the ventromedial nucleus of the hypothalamus. <i>PLoS ONE</i> , 2011 , 6, e26167	3.7	16
47	Developmental regulation of CB1-mediated spike-time dependent depression at immature mossy fiber-CA3 synapses. <i>Scientific Reports</i> , 2012 , 2, 285	4.9	15
46	CB1 Receptors in the Anterior Piriform Cortex Control Odor Preference Memory. <i>Current Biology</i> , 2019 , 29, 2455-2464.e5	6.3	14
45	Endocannabinoids and motor behavior: CB1 receptors also control running activity. <i>Physiology</i> , 2011 , 26, 76-7; author reply 78	9.8	14
44	The motivation for exercise over palatable food is dictated by cannabinoid type-1 receptors. <i>JCI Insight</i> , 2019 , 4,	9.9	13
43	Beyond the Activity-Based Anorexia Model: Reinforcing Values of Exercise and Feeding Examined in Stressed Adolescent Male and Female Mice. <i>Frontiers in Pharmacology</i> , 2019 , 10, 587	5.6	10
42	Duration- and environment-dependent effects of repeated voluntary exercise on anxiety and cued fear in mice. <i>Behavioural Brain Research</i> , 2015 , 282, 1-5	3.4	10

41	KIDNEYS DERIVED FROM MICE TRANSGENIC FOR HUMAN COMPLEMENT BLOCKERS ARE PROTECTED IN AN IN VIVO MODEL OF HYPERACUTE REJECTION. <i>Journal of Urology</i> , 1998 , 159, 1364-1369	2.5	10
40	mTORC1 and CB1 receptor signaling regulate excitatory glutamatergic inputs onto the hypothalamic paraventricular nucleus in response to energy availability. <i>Molecular Metabolism</i> , 2019 , 28, 151-159	8.8	9
39	Opposite control of frontocortical 2-arachidonoylglycerol turnover rate by cannabinoid type-1 receptors located on glutamatergic neurons and on astrocytes. <i>Journal of Neurochemistry</i> , 2015 , 133, 26-37	6	8
38	Moving bliss: a new anandamide transporter. <i>Nature Neuroscience</i> , 2011 , 15, 5-6	25.5	8
37	CB1 and GLP-1 Receptors Cross Talk Provides New Therapies for Obesity. <i>Diabetes</i> , 2021 , 70, 415-422	0.9	8
36	Subcellular specificity of cannabinoid effects in striatonigral circuits. <i>Neuron</i> , 2021 , 109, 1513-1526.e11	13.9	8
35	Specific Hippocampal Interneurons Shape Consolidation of Recognition Memory. <i>Cell Reports</i> , 2020 , 32, 108046	10.6	7
34	Cannabinoid Control of Olfactory Processes: The Matters. <i>Genes</i> , 2020 , 11,	4.2	7
33	Layer-specific potentiation of network GABAergic inhibition in the CA1 area of the hippocampus. <i>Scientific Reports</i> , 2016 , 6, 28454	4.9	7
32	Representation-mediated Aversion as a Model to Study Psychotic-like States in Mice. <i>Bio-protocol</i> , 2017 , 7,	0.9	5
31	Spinal astroglial cannabinoid receptors control pathological tremor. <i>Nature Neuroscience</i> , 2021 , 24, 658-665	6.6	5
30	Communication and social interaction in the cannabinoid-type 1 receptor null mouse: Implications for autism spectrum disorder. <i>Autism Research</i> , 2021 , 14, 1854-1872	5.1	5
29	Astroglial ER-mitochondria calcium transfer mediates endocannabinoid-dependent synaptic integration.. <i>Cell Reports</i> , 2021 , 37, 110133	10.6	5
28	Inhibition of striatonigral autophagy as a link between cannabinoid intoxication and impairment of motor coordination. <i>ELife</i> , 2020 , 9,	8.9	4
27	Factors controlling haemopoiesis in ovine long-term bone marrow cultures. <i>Veterinary Immunology and Immunopathology</i> , 1997 , 55, 291-301	2	3
26	POMC neurons functional heterogeneity relies on mTORC1 signaling		3
25	A Novel Cortical Mechanism for Top-Down Control of Water Intake. <i>Current Biology</i> , 2020 , 30, 4789-4798.e4	6.4	3
24	The ergogenic impact of the glucocorticoid prednisolone does not translate into increased running motivation in mice. <i>Psychoneuroendocrinology</i> , 2020 , 111, 104489	5	3

23	Cannabis and exercise: Effects of Tetrahydrocannabinol on preference and motivation for wheel-running in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 105, 1101-1117	5.5	3
22	Synaptic Functions of Type-1 Cannabinoid Receptors in Inhibitory Circuits of the Anterior Piriform Cortex. <i>Neuroscience</i> , 2020 , 433, 121-131	3.9	2
21	Functional heterogeneity of POMC neurons relies on mTORC1 signaling. <i>Cell Reports</i> , 2021 , 37, 109800	10.6	2
20	Alpha technology: A powerful tool to detect mouse brain intracellular signaling events. <i>Journal of Neuroscience Methods</i> , 2020 , 332, 108543	3	2
19	Exercise craving potentiates excitatory inputs to ventral tegmental area dopaminergic neurons. <i>Addiction Biology</i> , 2021 , 26, e12967	4.6	2
18	The temporal origin of dentate granule neurons dictates their role in spatial memory. <i>Molecular Psychiatry</i> , 2021 ,	15.1	2
17	CB1R-dependent regulation of astrocyte physiology and astrocyte-neuron interactions. <i>Neuropharmacology</i> , 2021 , 195, 108678	5.5	2
16	The Endocannabinoid System in the Control of Behavior 2017 , 323-355		1
15	Cannabinoid Control of Fear Responses 2015 , 131-155		1
14	New fat and new neurons: endocannabinoids control neurogenesis in obesity (Commentary on Rivera et al.). <i>European Journal of Neuroscience</i> , 2011 , 33, 1575-6	3.5	1
13	An in vivo model of hyperacute rejection: characterization and evaluation of the effect of transgenic human complement inhibitors. <i>Transgenic Research</i> , 2000 , 9, 205-13	3.3	1
12	An Alternative Maze to Assess Novel Object Recognition in Mice. <i>Bio-protocol</i> , 2020 , 10, e3651	0.9	1
11	The role of the endocannabinoid system as a therapeutic target for autism spectrum disorder: Lessons from behavioral studies on mouse models. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 132, 664-664	9	1
10	Structural Basis of Astrocytic Ca ²⁺ Signals at Tripartite Synapses. <i>SSRN Electronic Journal</i> ,	1	1
9	Cannabinoids and Mitochondria 2017 , 211-235		1
8	Cannabinoid-induced motor dysfunction autophagy inhibition. <i>Autophagy</i> , 2020 , 16, 2289-2291	10.2	1
7	Sex-dependent pharmacological profiles of the synthetic cannabinoid MMB-Fubinaca. <i>Addiction Biology</i> , 2021 , 26, e12940	4.6	1
6	Imaging mitochondrial calcium dynamics in the central nervous system.. <i>Journal of Neuroscience Methods</i> , 2022 , 373, 109560	3	1

5	Identification of BiP as a CB Receptor-Interacting Protein That Fine-Tunes Cannabinoid Signaling in the Mouse Brain. <i>Journal of Neuroscience</i> , 2021 , 41, 7924-7941	6.6	o
4	Forgetting in obesity: The pregnenolone link.. <i>Cell Metabolism</i> , 2022 , 34, 187-188	24.6	
3	Differential expression of the neuronal CB1 cannabinoid receptor in the hippocampus of male Ts65Dn Down syndrome mouse model.. <i>Molecular and Cellular Neurosciences</i> , 2022 , 103705	4.8	
2	An Operant Conditioning Task to Assess the Choice between Wheel Running and Palatable Food in Mice. <i>Bio-protocol</i> , 2019 , 9, e3381	0.9	
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