Giovanni Marsicano

List of Publications by Year
in descending order

169 papers	21,540 citations	10351 72 h-index	9311 143 g-index
183 all docs	183 docs citations	183 times ranked	14361 citing authors

#	Article	IF	Citations
1	The endogenous cannabinoid system controls extinction of aversive memories. Nature, 2002, 418, 530-534.	13.7	1,603
2	CB1 Cannabinoid Receptors and On-Demand Defense Against Excitotoxicity. Science, 2003, 302, 84-88.	6.0	1,083
3	The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis. Journal of Clinical Investigation, 2003, 112, 423-431.	3.9	963
4	Expression of the cannabinoid receptor CB1 in distinct neuronal subpopulations in the adult mouse forebrain. European Journal of Neuroscience, 1999, 11, 4213-4225.	1.2	792
5	The Emerging Role of the Endocannabinoid System in Endocrine Regulation and Energy Balance. Endocrine Reviews, 2006, 27, 73-100.	8.9	751
6	The Endocannabinoid System Controls Key Epileptogenic Circuits in the Hippocampus. Neuron, 2006, 51, 455-466.	3.8	632
7	Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. Nature Neuroscience, 2007, 10, 870-879.	7.1	504
8	Hardwiring the Brain: Endocannabinoids Shape Neuronal Connectivity. Science, 2007, 316, 1212-1216.	6.0	463
9	Mitochondrial CB1 receptors regulate neuronal energy metabolism. Nature Neuroscience, 2012, 15, 558-564.	7.1	450
10	Acute Cannabinoids Impair Working Memory through Astroglial CB1 Receptor Modulation of Hippocampal LTD. Cell, 2012, 148, 1039-1050.	13.5	410
11	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, 3160-3169.	3.9	399
12	The endogenous cannabinoid system protects against colonic inflammation. Journal of Clinical Investigation, 2004, 113, 1202-1209.	3.9	354
13	The endocannabinoid system in guarding against fear, anxiety and stress. Nature Reviews Neuroscience, 2015, 16, 705-718.	4.9	350
14	Cannabinoid modulation of hippocampal long-term memory is mediated by mTOR signaling. Nature Neuroscience, 2009, 12, 1152-1158.	7.1	343
15	A cannabinoid link between mitochondria and memory. Nature, 2016, 539, 555-559.	13.7	331
16	Direct suppression of CNS autoimmune inflammation via the cannabinoid receptor CB1 on neurons and CB2 on autoreactive T cells. Nature Medicine, 2007, 13, 492-497.	15.2	326
17	The endocannabinoid system drives neural progenitor proliferation. FASEB Journal, 2005, 19, 1704-1706.	0.2	291
18	Paracrine Activation of Hepatic CB1 Receptors byÂStellate Cell-Derived Endocannabinoids MediatesÂAlcoholic Fatty Liver. Cell Metabolism, 2008, 7, 227-235.	7.2	280

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19	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, 8760-8765.	3.3	263
20	Neuroprotective properties of cannabinoids against oxidative stress: role of the cannabinoid receptor CB1. Journal of Neurochemistry, 2002, 80, 448-456.	2.1	261
21	Pregnenolone Can Protect the Brain from Cannabis Intoxication. Science, 2014, 343, 94-98.	6.0	247
22	Bimodal control of stimulated food intake by the endocannabinoid system. Nature Neuroscience, 2010, 13, 281-283.	7.1	246
23	Circuitry for Associative Plasticity in the Amygdala Involves Endocannabinoid Signaling. Journal of Neuroscience, 2004, 24, 9953-9961.	1.7	239
24	Prefrontal Cortex Stimulation Induces 2-Arachidonoyl-Glycerol-Mediated Suppression of Excitation in Dopamine Neurons. Journal of Neuroscience, 2004, 24, 10707-10715.	1.7	232
25	The endocannabinoid system controls food intake via olfactory processes. Nature Neuroscience, 2014, 17, 407-415.	7.1	229
26	Synapse-specific astrocyte gating of amygdala-related behavior. Nature Neuroscience, 2017, 20, 1540-1548.	7.1	228
27	The Endocannabinoid System Promotes Astroglial Differentiation by Acting on Neural Progenitor Cells. Journal of Neuroscience, 2006, 26, 1551-1561.	1.7	225
28	CB1 Receptor Signaling in the Brain: Extracting Specificity from Ubiquity. Neuropsychopharmacology, 2018, 43, 4-20.	2.8	223
29	The endogenous cannabinoid system protects against colonic inflammation. Journal of Clinical Investigation, 2004, 113, 1202-1209.	3.9	217
30	Genetic Dissection of Behavioural and Autonomic Effects of Î”9-Tetrahydrocannabinol in Mice. PLoS Biology, 2007, 5, e269.	2.6	210
31	Cannabinoid CB1 Receptor Mediates Fear Extinction via Habituation-Like Processes. Journal of Neuroscience, 2006, 26, 6677-6686.	1.7	204
32	WIN55,212â€2, a cannabinoid receptor agonist, protects against nigrostriatal cell loss in the 1â€methylâ€4â€phenylâ€1,2,3,6â€tetrahydropyridine mouse model of Parkinsonâ€™s disease. European Journal of Neuroscience, 2009, 29, 2177-2186.	3.2	202
33	Cannabinoid Receptor Type 1 Located on Presynaptic Terminals of Principal Neurons in the Forebrain Controls Glutamatergic Synaptic Transmission. Journal of Neuroscience, 2006, 26, 5794-5799.	1.7	196
34	Dopamine-Evoked Synaptic Regulation in the Nucleus Accumbens Requires Astrocyte Activity. Neuron, 2020, 105, 1036-1047.e5.	3.8	195
35	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, 116-128.	0.5	191
36	CB1 Signaling in Forebrain and Sympathetic Neurons Is a Key Determinant of Endocannabinoid Actions on Energy Balance. Cell Metabolism, 2010, 11, 273-285.	7.2	190

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37	Requirement of Cannabinoid Receptor Type 1 for the Basal Modulation of Hypothalamic-Pituitary-Adrenal Axis Function. Endocrinology, 2007, 148, 1574-1581.	1.4	186
38	Loss of striatal type 1 cannabinoid receptors is a key pathogenic factor in Huntingtonâ€™s disease. Brain, 2011, 134, 119-136.	3.7	178
39	Involvement of brain-derived neurotrophic factor in cannabinoid receptor-dependent protection against excitotoxicity. European Journal of Neuroscience, 2004, 19, 1691-1698.	1.2	171
40	Astroglial CB1 Receptors Determine Synaptic D-Serine Availability to Enable Recognition Memory. Neuron, 2018, 98, 935-944.e5.	3.8	170
41	Glucose metabolism links astroglial mitochondria to cannabinoid effects. Nature, 2020, 583, 603-608.	13.7	169
42	Spinal Endocannabinoids and CB ₁ Receptors Mediate C-Fiberâ€“Induced Heterosynaptic Pain Sensitization. Science, 2009, 325, 760-764.	6.0	161
43	Anti-inflammatory lipoxin A ₄ is an endogenous allosteric enhancer of CB ₁ cannabinoid receptor. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21134-21139.	3.3	161
44	The CB1 Cannabinoid Receptor Mediates Excitotoxicity-induced Neural Progenitor Proliferation and Neurogenesis*. Journal of Biological Chemistry, 2007, 282, 23892-23898.	1.6	146
45	Reduced sensitivity to reward in CB1 knockout mice. Psychopharmacology, 2004, 176, 223-232.	1.5	141
46	Structural basis of astrocytic Ca2+ signals at tripartite synapses. Nature Communications, 2020, 11, 1906.	5.8	133
47	Cannabinoid Type 1 Receptor Blockade Promotes Mitochondrial Biogenesis Through Endothelial Nitric Oxide Synthase Expression in White Adipocytes. Diabetes, 2008, 57, 2028-2036.	0.3	131
48	Antidepressant-like behavioral effects of impaired cannabinoid receptor type 1 signaling coincide with exaggerated corticosterone secretion in mice. Psychoneuroendocrinology, 2008, 33, 54-67.	1.3	129
49	Genetic Dissection of the Role of Cannabinoid Type-1 Receptors in the Emotional Consequences of Repeated Social Stress in Mice. Neuropsychopharmacology, 2012, 37, 1885-1900.	2.8	129
50	An endogenous cannabinoid tone attenuates cholera toxin-induced fluid accumulation in mice. Gastroenterology, 2003, 125, 765-774.	0.6	128
51	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. Journal of Clinical Investigation, 2017, 127, 4148-4162.	3.9	128
52	Two-Photon Excitation STED Microscopy in Two Colors in Acute Brain Slices. Biophysical Journal, 2013, 104, 778-785.	0.2	123
53	The endocannabinoid system in the processing of anxiety and fear and how CB1 receptors may modulate fear extinction. Pharmacological Research, 2007, 56, 367-381.	3.1	122
54	Cannabinoid control of brain bioenergetics: Exploring the subcellular localization of the CB1 receptor. Molecular Metabolism, 2014, 3, 495-504.	3.0	122

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55	CB1 Cannabinoid Receptors Modulate Kinase and Phosphatase Activity During Extinction of Conditioned Fear in Mice. Learning and Memory, 2004, 11, 625-632.	0.5	118
56	Role of Cannabinoid Type 1 Receptors in Locomotor Activity and Striatal Signaling in Response to Psychostimulants. Journal of Neuroscience, 2007, 27, 6937-6947.	1.7	115
57	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB ₁ receptor blockade. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4786-4791.	3.3	115
58	Fatty Acid Amide Hydrolase Controls Mouse Intestinal Motility In Vivo. Gastroenterology, 2005, 129, 941-951.	0.6	114
59	Hypothalamic CB1 Cannabinoid Receptors Regulate Energy Balance in Mice. Endocrinology, 2012, 153, 4136-4143.	1.4	109
60	Endocannabinoids Measurement in Human Saliva as Potential Biomarker of Obesity. PLoS ONE, 2012, 7, e42399.	1.1	109
61	Increased endocannabinoid levels reduce the development of precancerous lesions in the mouse colon. Journal of Molecular Medicine, 2008, 86, 89-98.	1.7	108
62	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, 10264-10277.	1.7	108
63	Roles of the Endocannabinoid System in Learning and Memory. Current Topics in Behavioral Neurosciences, 2009, 1, 201-230.	0.8	97
64	Cannabinoid CB1 receptor is dispensable for memory extinction in an appetitively-motivated learning task. European Journal of Pharmacology, 2005, 510, 69-74.	1.7	91
65	Protective activation of the endocannabinoid system during ischemia in dopamine neurons. Neurobiology of Disease, 2006, 24, 15-27.	2.1	89
66	Self-modulation of neocortical pyramidal neurons by endocannabinoids. Nature Neuroscience, 2009, 12, 1488-1490.	7.1	89
67	CB1 receptor deficiency decreases wheel-running activity: Consequences on emotional behaviours and hippocampal neurogenesis. Experimental Neurology, 2010, 224, 106-113.	2.0	89
68	Cannabinoid CB1 Receptors Are Localized in Striated Muscle Mitochondria and Regulate Mitochondrial Respiration. Frontiers in Physiology, 2016, 7, 476.	1.3	89
69	Bimodal Control of Fear-Coping Strategies by CB₁Cannabinoid Receptors. Journal of Neuroscience, 2012, 32, 7109-7118.	1.7	88
70	Neuronâ€type specific cannabinoidâ€mediated G protein signalling in mouse hippocampus. Journal of Neurochemistry, 2013, 124, 795-807.	2.1	88
71	Ventral Tegmental Area Cannabinoid Type-1 Receptors Control Voluntary Exercise Performance. Biological Psychiatry, 2013, 73, 895-903.	0.7	84
72	Habenular CB1 Receptors Control the Expression of Aversive Memories. Neuron, 2015, 88, 306-313.	3.8	81

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73	Rising stars: Modulation of brain functions by astroglial typeâ€1 cannabinoid receptors. Glia, 2015, 63, 353-364.	2.5	80
74	Hypothalamic bile acid-TGR5 signaling protects from obesity. Cell Metabolism, 2021, 33, 1483-1492.e10.	7.2	79
75	Dissecting the cannabinergic control of behavior: The where matters. BioEssays, 2015, 37, 1215-1225.	1.2	78
76	<scp>L</scp>ocalization of the cannabinoid typeâ€1 receptor in subcellular astrocyte compartments of mutant mouse hippocampus. Glia, 2018, 66, 1417-1431.	2.5	78
77	Astroglial CB1 cannabinoid receptors regulate leptin signaling in mouse brain astrocytes. Molecular Metabolism, 2013, 2, 393-404.	3.0	76
78	Dissociation of the Pharmacological Effects of THC by mTOR Blockade. Neuropsychopharmacology, 2013, 38, 1334-1343.	2.8	75
79	Astroglial type-1 cannabinoid receptor (CB1): A new player in the tripartite synapse. Neuroscience, 2016, 323, 35-42.	1.1	74
80	Cannabinoids enhance susceptibility of immature brain to ethanol neurotoxicity. Annals of Neurology, 2008, 64, 42-52.	2.8	73
81	Bidirectional regulation of novelty-induced behavioral inhibition by the endocannabinoid system. Neuropharmacology, 2009, 57, 715-721.	2.0	70
82	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.	1.0	70
83	Conditional cannabinoid receptor type 1 mutants reveal neuron subpopulation-specific effects on behavioral and neuroendocrine stress responses. Psychoneuroendocrinology, 2008, 33, 1165-1170.	1.3	69
84	CB1 cannabinoid receptor in SF1-expressing neurons of the ventromedial hypothalamus determines metabolic responses to diet and leptin. Molecular Metabolism, 2014, 3, 705-716.	3.0	64
85	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, 719-724.	3.3	63
86	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, 9904-9909.	3.3	63
87	Synaptic activation of kainate receptors gates presynaptic CB1 signaling at GABAergic synapses. Nature Neuroscience, 2010, 13, 197-204.	7.1	62
88	The CB1 Receptor as the Cornerstone of Exostasis. Neuron, 2017, 93, 1252-1274.	3.8	60
89	Interacting Cannabinoid and Opioid Receptors in the Nucleus Accumbens Core Control Adolescent Social Play. Frontiers in Behavioral Neuroscience, 2016, 10, 211.	1.0	55
90	Activation of CB1 specifically located on GABAergic interneurons inhibits LTD in the lateral amygdala. Learning and Memory, 2008, 15, 143-152.	0.5	54

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91	Presynaptic CB1 Receptors Regulate Synaptic Plasticity at Cerebellar Parallel Fiber Synapses. Journal of Neurophysiology, 2011, 105, 958-963.	0.9	53
92	Activation of STAT3 is involved in neuroprotection by electroacupuncture pretreatment via cannabinoid CB1 receptors in rats. Brain Research, 2013, 1529, 154-164.	1.1	52
93	Cannabinoid receptor type-1: breaking the dogmas. F1000Research, 2016, 5, 990.	0.8	52
94	Differential role of the nitric oxide pathway on Î”9-THC-induced central nervous system effects in the mouse. European Journal of Neuroscience, 2001, 13, 561-568.	1.2	50
95	Enhanced Endocannabinoid-Mediated Modulation of Rostromedial Tegmental Nucleus Drive onto Dopamine Neurons in Sardinian Alcohol-Preferring Rats. Journal of Neuroscience, 2014, 34, 12716-12724.	1.7	47
96	Anatomical Distribution of Receptors, Ligands and Enzymes in the Brain and in the Spinal Cord: Circuitries and Neurochemistry. , 2008, , 161-201.		46
97	Pharmacological Activation of Kainate Receptors Drives Endocannabinoid Mobilization. Journal of Neuroscience, 2011, 31, 3243-3248.	1.7	44
98	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, 19657-19663.	1.7	44
99	Localization and Function of the Cannabinoid CB1 Receptor in the Anterolateral Bed Nucleus of the Stria Terminalis. PLoS ONE, 2010, 5, e8869.	1.1	43
100	Differential Control of Cocaine Self-Administration by GABAergic and Glutamatergic CB1 Cannabinoid Receptors. Neuropsychopharmacology, 2016, 41, 2192-2205.	2.8	43
101	Functional and molecular heterogeneity of D2R neurons along dorsal ventral axis in the striatum. Nature Communications, 2020, 11, 1957.	5.8	41
102	Cannabinoid Type 1 (CB1) Receptors on Sim1-Expressing Neurons Regulate Energy Expenditure in Male Mice. Endocrinology, 2015, 156, 411-418.	1.4	40
103	New insights on food intake control by olfactory processes: The emerging role of the endocannabinoid system. Molecular and Cellular Endocrinology, 2014, 397, 59-66.	1.6	38
104	Glycogen Synthase Kinase-3Î² Is Involved in Electroacupuncture Pretreatment via the Cannabinoid CB1 Receptor in Ischemic Stroke. Molecular Neurobiology, 2014, 49, 326-336.	1.9	38
105	Anatomical characterization of the cannabinoid CB₁ receptor in cellâ€typeâ€“specific mutant mouse rescue models. Journal of Comparative Neurology, 2017, 525, 302-318.	0.9	37
106	Ribosomal Protein S6 Phosphorylation Is Involved in Novelty-Induced Locomotion, Synaptic Plasticity and mRNA Translation. Frontiers in Molecular Neuroscience, 2017, 10, 419.	1.4	37
107	Chemical Proteomics Maps Brain Region Specific Activity of Endocannabinoid Hydrolases. ACS Chemical Biology, 2017, 12, 852-861.	1.6	35
108	Hippocampal CB1 Receptors Control Incidental Associations. Neuron, 2018, 99, 1247-1259.e7.	3.8	34

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109	Control of spasticity in a multiple sclerosis model using central nervous systemâ€excluded CB ₁ cannabinoid receptor agonists. FASEB Journal, 2014, 28, 117-130.	0.2	32
110	Cannabinoid type-1 receptors in the paraventricular nucleus of the hypothalamus inhibit stimulated food intake. Neuroscience, 2014, 263, 46-53.	1.1	30
111	Subcellular specificity of cannabinoid effects in striatonigral circuits. Neuron, 2021, 109, 1513-1526.e11.	3.8	29
112	Cannabinoid CB1 receptors and mTORC1 signalling pathway interact to modulate glucose homeostasis. DMM Disease Models and Mechanisms, 2015, 9, 51-61.	1.2	28
113	Astroglial ER-mitochondria calcium transfer mediates endocannabinoid-dependent synaptic integration. Cell Reports, 2021, 37, 110133.	2.9	27
114	Studying mitochondrial CB1 receptors: Yes we can. Molecular Metabolism, 2014, 3, 339.	3.0	25
115	Pathway-Specific Control of Striatal Neuron Vulnerability by Corticostriatal Cannabinoid CB1 Receptors. Cerebral Cortex, 2018, 28, 307-322.	1.6	25
116	Emotional consequences of wheel running in mice: Which is the appropriate control?. Hippocampus, 2011, 21, 239-242.	0.9	24
117	CB 1 Cannabinoid Receptors Mediate Cognitive Deficits and Structural Plasticity Changes During Nicotine Withdrawal. Biological Psychiatry, 2017, 81, 625-634.	0.7	24
118	CB1R-dependent regulation of astrocyte physiology and astrocyte-neuron interactions. Neuropharmacology, 2021, 195, 108678.	2.0	24
119	Functional Analysis of Mitochondrial CB1 Cannabinoid Receptors (mtCB1) in the Brain. Methods in Enzymology, 2017, 593, 143-174.	0.4	22
120	The motivation for exercise over palatable food is dictated by cannabinoid type-1 receptors. JCI Insight, 2019, 4, .	2.3	22
121	Running per se stimulates the dendritic arbor of newborn dentate granule cells in mouse hippocampus in a durationâ€dependent manner. Hippocampus, 2016, 26, 282-288.	0.9	21
122	CB1 Receptors in the Anterior Piriform Cortex Control Odor Preference Memory. Current Biology, 2019, 29, 2455-2464.e5.	1.8	21
123	State-Dependent, Bidirectional Modulation of Neural Network Activity by Endocannabinoids. Journal of Neuroscience, 2011, 31, 16591-16596.	1.7	20
124	Endocannabinoids and Motor Behavior: CB1 Receptors Also Control Running Activity. Physiology, 2011, 26, 76-77.	1.6	19
125	Developmental regulation of CB1-mediated spike-time dependent depression at immature mossy fiber-CA3 synapses. Scientific Reports, 2012, 2, 285.	1.6	19
126	GABAergic and Cortical and Subcortical Glutamatergic Axon Terminals Contain CB1 Cannabinoid Receptors in the Ventromedial Nucleus of the Hypothalamus. PLoS ONE, 2011, 6, e26167.	1.1	19

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127	CB1 and GLP-1 Receptors Cross Talk Provides New Therapies for Obesity. Diabetes, 2021, 70, 415-422.	0.3	19
128	Functional heterogeneity of POMC neurons relies on mTORC1 signaling. Cell Reports, 2021, 37, 109800.	2.9	19
129	Endocannabinoid signaling in astrocytes. Glia, 2023, 71, 44-59.	2.5	19
130	Specific Hippocampal Interneurons Shape Consolidation of Recognition Memory. Cell Reports, 2020, 32, 108046.	2.9	18
131	Spinal astroglial cannabinoid receptors control pathological tremor. Nature Neuroscience, 2021, 24, 658-666.	7.1	18
132	Microglial Cannabinoid Type 1 Receptor Regulates Brain Inflammation in a Sex-Specific Manner. Cannabis and Cannabinoid Research, 2021, , .	1.5	18
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.	3.0	16
134	Communication and social interaction in the cannabinoidâ€type 1 receptor null mouse: Implications for autism spectrum disorder. Autism Research, 2021, 14, 1854-1872.	2.1	15
135	Identification of BiP as a CB₁ Receptor-Interacting Protein That Fine-Tunes Cannabinoid Signaling in the Mouse Brain. Journal of Neuroscience, 2021, 41, 7924-7941.	1.7	14
136	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.	1.6	13
137	A Novel Cortical Mechanism for Top-Down Control of Water Intake. Current Biology, 2020, 30, 4789-4798.e4.	1.8	13
138	The temporal origin of dentate granule neurons dictates their role in spatial memory. Molecular Psychiatry, 2021, 26, 7130-7140.	4.1	13
139	Moving bliss: a new anandamide transporter. Nature Neuroscience, 2012, 15, 5-6.	7.1	12
140	Cannabinoid Control of Olfactory Processes: The Where Matters. Genes, 2020, 11, 431.	1.0	11
141	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, 2022, 132, 664-678.	2.9	11
142	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.	0.2	10
143	Duration- and environment-dependent effects of repeated voluntary exercise on anxiety and cued fear in mice. Behavioural Brain Research, 2015, 282, 1-5.	1.2	10
144	Exercise craving potentiates excitatory inputs to ventral tegmental area dopaminergic neurons. Addiction Biology, 2021, 26, e12967.	1.4	10

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145	Metabolic Messengers: endocannabinoids. Nature Metabolism, 2022, 4, 848-855.	5.1	10
146	Opposite control of frontocortical 2â€arachidonoylglycerol turnover rate by cannabinoid typeâ€1 receptors located on glutamatergic neurons and on astrocytes. Journal of Neurochemistry, 2015, 133, 26-37.	2.1	9
147	Layer-specific potentiation of network GABAergic inhibition in the CA1 area of the hippocampus. Scientific Reports, 2016, 6, 28454.	1.6	7
148	Representation-mediated Aversion as a Model to Study Psychotic-like States in Mice. Bio-protocol, 2017, 7, .	0.2	7
149	Inhibition of striatonigral autophagy as a link between cannabinoid intoxication and impairment of motor coordination. ELife, 2020, 9, .	2.8	7
150	An Alternative Maze to Assess Novel Object Recognition in Mice. Bio-protocol, 2020, 10, e3651.	0.2	7
151	Imaging mitochondrial calcium dynamics in the central nervous system. Journal of Neuroscience Methods, 2022, 373, 109560.	1.3	5
152	Factors controlling haemopoiesis in ovine long term bone marrow cultures. Veterinary Immunology and Immunopathology, 1997, 55, 291-301.	0.5	4
153	Cannabis and exercise: Effects of Î”9-tetrahydrocannabinol on preference and motivation for wheel-running in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 105, 110117.	2.5	4
154	The ergogenic impact of the glucocorticoid prednisolone does not translate into increased running motivation in mice. Psychoneuroendocrinology, 2020, 111, 104489.	1.3	3
155	Synaptic Functions of Type-1 Cannabinoid Receptors in Inhibitory Circuits of the Anterior Piriform Cortex. Neuroscience, 2020, 433, 121-131.	1.1	3
156	Cannabinoids and Mitochondria. , 2017, , 211-235.		3
157	Alpha technology: A powerful tool to detect mouse brain intracellular signaling events. Journal of Neuroscience Methods, 2020, 332, 108543.	1.3	2
158	Structural Basis of Astrocytic Ca ² Signals at Tripartite Synapses. SSRN Electronic Journal, 0, , .	0.4	2
159	An in vivo model of hyperacute rejection: characterization and evaluation of the effect of transgenic human complement inhibitors. Transgenic Research, 2000, 9, 205-213.	1.3	1
160	New fat and new neurons: endocannabinoids control neurogenesis in obesity (Commentary on Rivera) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	1
161	Role of Endocannabinoids in Synaptic Plasticity and Memory â˜†. , 2017, , .		1
162	Cannabinoid-induced motor dysfunction via autophagy inhibition. Autophagy, 2020, 16, 2289-2291.	4.3	1

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163	Sexâ€dependent pharmacological profiles of the synthetic cannabinoid MMBâ€Fubinaca. Addiction Biology, 2021, 26, e12940.	1.4	1
164	Neural Substrates of Incidental Associations and Mediated Learning: The Role of Cannabinoid Receptors. Frontiers in Behavioral Neuroscience, 2021, 15, 722796.	1.0	1
165	An Operant Conditioning Task to Assess the Choice between Wheel Running and Palatable Food in Mice. Bio-protocol, 2019, 9, e3381.	0.2	1
166	Special issue editorial: Cannabinoid signalling in the brain: New vistas. European Journal of Neuroscience, 2022, 55, 903-908.	1.2	1
167	Differential expression of the neuronal CB1 cannabinoid receptor in the hippocampus of male Ts65Dn Down syndrome mouse model. Molecular and Cellular Neurosciences, 2022, 119, 103705.	1.0	1
168	MitoBrain, Putting energy into the brain. Neurobiology of Disease, 2016, 90, 1-2.	2.1	0
169	Forgetting in obesity: The pregnenolone link. Cell Metabolism, 2022, 34, 187-188.	7.2	0