

# Rafael Maldonado

## List of Publications by Year in descending order

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Version: 2024-02-01

340  
papers

24,310  
citations

6606

79  
h-index

10441

139  
g-index

362  
all docs

362  
docs citations

362  
times ranked

17183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of morphine-induced analgesia, reward effect and withdrawal symptoms in mice lacking the $\mu$ -opioid-receptor gene. <i>Nature</i> , 1996, 383, 819-823.	13.7	1,652
2	Mice deficient for $\delta$ - and $\mu$ -opioid receptors exhibit opposing alterations of emotional responses. <i>Nature Genetics</i> , 2000, 25, 195-200.	9.4	644
3	Involvement of the endocannabinoid system in drug addiction. <i>Trends in Neurosciences</i> , 2006, 29, 225-232.	4.2	530
4	Involvement of the Extracellular Signal-Regulated Kinase Cascade for Cocaine-Rewarding Properties. <i>Journal of Neuroscience</i> , 2000, 20, 8701-8709.	1.7	500
5	Involvement of CB1 cannabinoid receptors in emotional behaviour. <i>Psychopharmacology</i> , 2002, 159, 379-387.	1.5	444
6	Knockout of ERK1 MAP Kinase Enhances Synaptic Plasticity in the Striatum and Facilitates Striatal-Mediated Learning and Memory. <i>Neuron</i> , 2002, 34, 807-820.	3.8	420
7	Absence of opiate rewarding effects in mice lacking dopamine D2 receptors. <i>Nature</i> , 1997, 388, 586-589.	13.7	410
8	Human N-methyl D-aspartate receptor antibodies alter memory and behaviour in mice. <i>Brain</i> , 2015, 138, 94-109.	3.7	391
9	Disruption of the kappa -opioid receptor gene in mice enhances sensitivity to chemical visceral pain, impairs pharmacological actions of the selective kappa -agonist U-50,488H and attenuates morphine withdrawal. <i>EMBO Journal</i> , 1998, 17, 886-897.	3.5	356
10	The endocannabinoid system in guarding against fear, anxiety and stress. <i>Nature Reviews Neuroscience</i> , 2015, 16, 705-718.	4.9	350
11	Functional Interaction between Opioid and Cannabinoid Receptors in Drug Self-Administration. <i>Journal of Neuroscience</i> , 2001, 21, 5344-5350.	1.7	347
12	Neural substrates of opiate withdrawal. <i>Trends in Neurosciences</i> , 1992, 15, 186-191.	4.2	343
13	Cannabinoid modulation of hippocampal long-term memory is mediated by mTOR signaling. <i>Nature Neuroscience</i> , 2009, 12, 1152-1158.	7.1	343
14	Reduction of Morphine Abstinence in Mice with a Mutation in the Gene Encoding CREB. <i>Science</i> , 1996, 273, 657-659.	6.0	280
15	Behavioural and biochemical evidence for interactions between $\delta^9$ -tetrahydrocannabinol and nicotine. <i>British Journal of Pharmacology</i> , 2002, 135, 564-578.	2.7	270
16	Differential Role of Anandamide and 2-Arachidonoylglycerol in Memory and Anxiety-like Responses. <i>Biological Psychiatry</i> , 2011, 70, 479-486.	0.7	248
17	Pregnenolone Can Protect the Brain from Cannabis Intoxication. <i>Science</i> , 2014, 343, 94-98.	6.0	247
18	Motivational Effects of Cannabinoids Are Mediated by $\mu$ -Opioid and $\delta$ -Opioid Receptors. <i>Journal of Neuroscience</i> , 2002, 22, 1146-1154.	1.7	246

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19	Lack of CB1 cannabinoid receptors modifies nicotine behavioural responses, but not nicotine abstinence. <i>Neuropharmacology</i> , 2002, 43, 857-867.	2.0	230
20	Cocaine, but not morphine, induces conditioned place preference and sensitization to locomotor responses in CB1 knockout mice. <i>European Journal of Neuroscience</i> , 2000, 12, 4038-4046.	1.2	216
21	Attenuation of Nicotine-Induced Antinociception, Rewarding Effects, and Dependence in $\mu$ -Opioid Receptor Knock-Out Mice. <i>Journal of Neuroscience</i> , 2002, 22, 10935-10940.	1.7	213
22	Involvement of the opioid system in the anxiolytic-like effects induced by $\delta$ -9-tetrahydrocannabinol. <i>Psychopharmacology</i> , 2002, 163, 111-117.	1.5	205
23	Targeting the endocannabinoid system in the treatment of fragile X syndrome. <i>Nature Medicine</i> , 2013, 19, 603-607.	15.2	203
24	A behavioural model to reveal place preference to $\delta$ -9-tetrahydrocannabinol in mice. <i>Psychopharmacology</i> , 2000, 147, 436-438.	1.5	201
25	The endogenous opioid system: A common substrate in drug addiction. <i>Drug and Alcohol Dependence</i> , 2010, 108, 183-194.	1.6	198
26	Lack of CB1 Cannabinoid Receptor Impairs Cocaine Self-Administration. <i>Neuropsychopharmacology</i> , 2005, 30, 1670-1680.	2.8	197
27	Regulation of PI3K/Akt/GSK-3 pathway by cannabinoids in the brain. <i>Journal of Neurochemistry</i> , 2007, 102, 1105-1114.	2.1	193
28	Cannabinoid Addiction: Behavioral Models and Neural Correlates. <i>Journal of Neuroscience</i> , 2002, 22, 3326-3331.	1.7	192
29	Participation of Noradrenergic Pathways in the Expression of Opiate Withdrawal: Biochemical and Pharmacological Evidence. <i>Neuroscience and Biobehavioral Reviews</i> , 1997, 21, 91-104.	2.9	187
30	BDNF impairment in the hippocampus is related to enhanced despair behavior in CB <sub>1</sub> knockout mice. <i>Journal of Neurochemistry</i> , 2008, 105, 565-572.	2.1	175
31	Crucial Role of CB <sub>2</sub> Cannabinoid Receptor in the Regulation of Central Immune Responses during Neuropathic Pain. <i>Journal of Neuroscience</i> , 2008, 28, 12125-12135.	1.7	172
32	Impairment of Mossy Fiber Long-Term Potentiation and Associative Learning in Pituitary Adenylate Cyclase Activating Polypeptide Type I Receptor-Deficient Mice. <i>Journal of Neuroscience</i> , 2001, 21, 5520-5527.	1.7	167
33	CB2 Cannabinoid Receptor Agonist Ameliorates Alzheimer-Like Phenotype in $\Delta$ 2PP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 847-858.	1.2	167
34	Behavioural and biochemical evidence for signs of abstinence in mice chronically treated with $\delta$ -9-tetrahydrocannabinol. <i>British Journal of Pharmacology</i> , 1998, 125, 1567-1577.	2.7	166
35	Pharmacological properties of S1RA, a new $\sigma$ <sub>1</sub> receptor antagonist that inhibits neuropathic pain and activity-induced spinal sensitization. <i>British Journal of Pharmacology</i> , 2012, 166, 2289-2306.	2.7	159
36	Cognitive Impairment Induced by Delta9-tetrahydrocannabinol Occurs through Heteromers between Cannabinoid CB1 and Serotonin 5-HT2A Receptors. <i>PLoS Biology</i> , 2015, 13, e1002194.	2.6	157

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37	Sigma-1 receptors regulate activity-induced spinal sensitization and neuropathic pain after peripheral nerve injury. <i>Pain</i> , 2009, 145, 294-303.	2.0	154
38	Hypocretins Regulate the Anxiogenic-Like Effects of Nicotine and Induce Reinstatement of Nicotine-Seeking Behavior. <i>Journal of Neuroscience</i> , 2010, 30, 2300-2310.	1.7	153
39	D1 dopamine receptors in the nucleus accumbens modulate cocaine self-administration in the rat. <i>Pharmacology Biochemistry and Behavior</i> , 1993, 45, 239-242.	1.3	145
40	Destruction of the locus coeruleus decreases physical signs of opiate withdrawal. <i>Brain Research</i> , 1993, 605, 128-138.	1.1	145
41	$\delta$ -9-tetrahydrocannabinol-induced MAPK/ERK and Elk-1 activation in vivo depends on dopaminergic transmission. <i>European Journal of Neuroscience</i> , 2001, 14, 342-352.	1.2	144
42	Genetic ablation of delta opioid receptors in nociceptive sensory neurons increases chronic pain and abolishes opioid analgesia. <i>Pain</i> , 2011, 152, 1238-1248.	2.0	139
43	Age-related changes of anandamide metabolism in CB1 cannabinoid receptor knockout mice: correlation with behaviour. <i>European Journal of Neuroscience</i> , 2002, 15, 1178-1186.	1.2	137
44	Mixed-inhibitor-prodrug as a new approach toward systemically active inhibitors of enkephalin-degrading enzymes. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 2473-2481.	2.9	134
45	Ephrin-B2 prevents N-methyl-D-aspartate receptor antibody effects on memory and neuroplasticity. <i>Annals of Neurology</i> , 2016, 80, 388-400.	2.8	134
46	Altered emotional behavior in PACAP-type-I-receptor-deficient mice. <i>Molecular Brain Research</i> , 2001, 92, 78-84.	2.5	133
47	Nicotine-Induced Antinociception, Rewarding Effects, and Physical Dependence Are Decreased in Mice Lacking the Preproenkephalin Gene. <i>Journal of Neuroscience</i> , 2005, 25, 1103-1112.	1.7	133
48	Absence of $\delta$ -9-Tetrahydrocannabinol Dysphoric Effects in Dynorphin-Deficient Mice. <i>Journal of Neuroscience</i> , 2001, 21, 9499-9505.	1.7	130
49	Study of cannabinoid dependence in animals. , 2002, 95, 153-164.		129
50	Opioid-induced Hyperalgesia in a Murine Model of Postoperative Pain. <i>Anesthesiology</i> , 2006, 104, 546-555.	1.3	128
51	Interferon- $\beta$ Is a Critical Modulator of CB <sub>2</sub> Cannabinoid Receptor Signaling during Neuropathic Pain. <i>Journal of Neuroscience</i> , 2008, 28, 12136-12145.	1.7	122
52	Neurobiological mechanisms involved in nicotine dependence and reward: Participation of the endogenous opioid system. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 35, 220-231.	2.9	118
53	Precipitation of morphine withdrawal syndrome in rats by administration of mu-, delta- and kappa-selective opioid antagonists. <i>Neuropharmacology</i> , 1992, 31, 1231-1241.	2.0	113
54	The Hypocretin/Orexin System Mediates the Extinction of Fear Memories. <i>Neuropsychopharmacology</i> , 2014, 39, 2732-2741.	2.8	112

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55	Synaptic plasticity alterations associated with memory impairment induced by deletion of CB2 cannabinoid receptors. <i>Neuropharmacology</i> , 2013, 73, 388-396.	2.0	111
56	Implication of endogenous opioid system in the learned helplessness model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 1995, 52, 145-152.	1.3	110
57	Cannabis-Based Medicine Reduces Multiple Pathological Processes in A $\beta$ PP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 977-991.	1.2	110
58	Role of CB2 Cannabinoid Receptors in the Rewarding, Reinforcing, and Physical Effects of Nicotine. <i>Neuropsychopharmacology</i> , 2013, 38, 2515-2524.	2.8	109
59	Reelin delays amyloid-beta fibril formation and rescues cognitive deficits in a model of Alzheimer's disease. <i>Nature Communications</i> , 2014, 5, 3443.	5.8	108
60	Modulation of Anxiety-Like Behavior and Morphine Dependence in CREB-Deficient Mice. <i>Neuropsychopharmacology</i> , 2004, 29, 1122-1133.	2.8	107
61	Deficiency of CB2 cannabinoid receptor in mice improves insulin sensitivity but increases food intake and obesity with age. <i>Diabetologia</i> , 2010, 53, 2629-2640.	2.9	107
62	Delta9-tetrahydrocannabinol decreases somatic and motivational manifestations of nicotine withdrawal in mice. <i>European Journal of Neuroscience</i> , 2004, 20, 2737-2748.	1.2	106
63	Cannabinoid Withdrawal Syndrome Is Reduced in Pre-Proenkephalin Knock-Out Mice. <i>Journal of Neuroscience</i> , 2000, 20, 9284-9289.	1.7	105
64	Neuropathic pain is enhanced in $\mu$ -opioid receptor knockout mice. <i>European Journal of Neuroscience</i> , 2006, 23, 830-834.	1.2	105
65	Decreased Cocaine Motor Sensitization and Self-Administration in Mice Overexpressing Cannabinoid CB2 Receptors. <i>Neuropsychopharmacology</i> , 2012, 37, 1749-1763.	2.8	104
66	<scp>NMDAR</scp> encephalitis: passive transfer from man to mouse by a recombinant antibody. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 768-783.	1.7	101
67	Microglial activation underlies cerebellar deficits produced by repeated cannabis exposure. <i>Journal of Clinical Investigation</i> , 2013, 123, 2816-2831.	3.9	101
68	Genetic analysis of drug addiction: the role of cAMP response element binding protein. <i>Journal of Molecular Medicine</i> , 1998, 76, 104-110.	1.7	96
69	Advances in the field of cannabinoid-opioid cross-talk. <i>Addiction Biology</i> , 2008, 13, 213-224.	1.4	96
70	Ras-Guanine Nucleotide-Releasing Factor 1 (Ras-GRF1) Controls Activation of Extracellular Signal-Regulated Kinase (ERK) Signaling in the Striatum and Long-Term Behavioral Responses to Cocaine. <i>Biological Psychiatry</i> , 2009, 66, 758-768.	0.7	96
71	CB1 Agonist ACEA Protects Neurons and Reduces the Cognitive Impairment of A $\beta$ PP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 439-459.	1.2	96
72	Neurochemical basis of cannabis addiction. <i>Neuroscience</i> , 2011, 181, 1-17.	1.1	93

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73	Involvement of $\hat{\nu}$ -opioid receptors in the effects induced by endogenous enkephalins on learned helplessness model. <i>European Journal of Pharmacology</i> , 1998, 354, 1-7.	1.7	91
74	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. <i>Cell Metabolism</i> , 2020, 32, 548-560.e7.	7.2	88
75	Role of the endocannabinoid system in drug addiction. <i>Biochemical Pharmacology</i> , 2018, 157, 108-121.	2.0	87
76	Lack of CB <sub>1</sub> receptor activity impairs serotonergic negative feedback. <i>Journal of Neurochemistry</i> , 2009, 109, 935-944.	2.1	85
77	Overexpression of Reelin Prevents the Manifestation of Behavioral Phenotypes Related to Schizophrenia and Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2011, 36, 2395-2405.	2.8	85
78	Acute antinociceptive responses in single and combinatorial opioid receptor knockout mice: distinct $\mu$ , $\delta$ and $\kappa$ tones. <i>European Journal of Neuroscience</i> , 2003, 17, 701-708.	1.2	84
79	Chronic morphine administration causes region-specific increase of brain type VIII adenylyl cyclase mRNA. <i>European Journal of Pharmacology</i> , 1994, 268, 215-221.	2.7	83
80	Orexins and fear: implications for the treatment of anxiety disorders. <i>Trends in Neurosciences</i> , 2015, 38, 550-559.	4.2	83
81	Role of the cannabinoid system in the effects induced by nicotine on anxiety-like behaviour in mice. <i>Psychopharmacology</i> , 2006, 184, 504-513.	1.5	82
82	Cellular and intracellular mechanisms involved in the cognitive impairment of cannabinoids. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 3254-3263.	1.8	82
83	Selective Sigma-1 ( $\sigma$ 1) Receptor Antagonists: Emerging Target for the Treatment of Neuropathic Pain. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2009, 9, 172-183.	0.5	82
84	Participation of opioid and monoaminergic mechanisms on the antinociceptive effect induced by tricyclic antidepressants in two behavioural pain tests in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1994, 18, 1073-1092.	2.5	79
85	The Lack of A2A Adenosine Receptors Diminishes the Reinforcing Efficacy of Cocaine. <i>Neuropsychopharmacology</i> , 2006, 31, 978-987.	2.8	79
86	3,4-Methylenedioxymethamphetamine Self-Administration is Abolished in Serotonin Transporter Knockout Mice. <i>Biological Psychiatry</i> , 2007, 62, 669-679.	0.7	79
87	Pharmacological activation of 5-HT <sub>7</sub> receptors reduces nerve injury-induced mechanical and thermal hypersensitivity. <i>Pain</i> , 2010, 149, 483-494.	2.0	79
88	Hypocretin/Orexin Signaling in the Hypothalamic Paraventricular Nucleus is Essential for the Expression of Nicotine Withdrawal. <i>Biological Psychiatry</i> , 2012, 71, 214-223.	0.7	77
89	Microbiota alterations in proline metabolism impact depression. <i>Cell Metabolism</i> , 2022, 34, 681-701.e10.	7.2	77
90	Sigma-1 receptor antagonism as opioid adjuvant strategy: Enhancement of opioid antinociception without increasing adverse effects. <i>European Journal of Pharmacology</i> , 2013, 711, 63-72.	1.7	76

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91	Altered emotional and locomotor responses in mice deficient in the transcription factor CREM. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 14094-14099.	3.3	75
92	Increased rewarding properties of morphine in dopamine-transporter knockout mice. European Journal of Neuroscience, 2000, 12, 1827-1837.	1.2	75
93	Dissociation of the Pharmacological Effects of THC by mTOR Blockade. Neuropsychopharmacology, 2013, 38, 1334-1343.	2.8	75
94	Adenosine A2A receptors are involved in physical dependence and place conditioning induced by THC. European Journal of Neuroscience, 2004, 20, 2203-2213.	1.2	74
95	FAAH deficiency promotes energy storage and enhances the motivation for food. International Journal of Obesity, 2010, 34, 557-568.	1.6	74
96	Cannabinoid withdrawal is dependent upon PKA activation in the cerebellum. European Journal of Neuroscience, 2000, 12, 1038-1046.	1.2	73
97	CB <sub>1</sub> knockout mice display impaired functionality of 5-HT <sub>1A</sub> and 5-HT <sub>2A/C</sub> receptors. Journal of Neurochemistry, 2007, 103, 2111-2120.	2.1	73
98	The endocannabinoid system and neuropathic pain. Pain, 2016, 157, S23-S32.	2.0	72
99	Interplay of $\alpha 2^*$ nicotinic receptors and dopamine pathways in the control of spontaneous locomotion. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15991-15996.	3.3	71
100	Role of the endocannabinoid system in the emotional manifestations of osteoarthritis pain. Pain, 2015, 156, 2001-2012.	2.0	71
101	A specific prelimbic-nucleus accumbens pathway controls resilience versus vulnerability to food addiction. Nature Communications, 2020, 11, 782.	5.8	70
102	Deletion of the $\mu$ Opioid Receptor Gene Impairs Place Conditioning But Preserves Morphine Reinforcement. Biological Psychiatry, 2011, 69, 700-703.	0.7	67
103	Role of CB1 and CB2 cannabinoid receptors in the development of joint pain induced by monosodium iodoacetate. Pain, 2013, 154, 160-174.	2.0	66
104	Cannabinoids therapeutic use: what is our current understanding following the introduction of THC, THC:CBD oromucosal spray and others?. Expert Review of Clinical Pharmacology, 2017, 10, 443-455.	1.3	66
105	Cannabinoid withdrawal syndrome is reduced in double mu and delta opioid receptor knockout mice. European Journal of Neuroscience, 2003, 17, 155-159.	1.2	64
106	Involvement of neuropeptide FF receptors in neuroadaptive responses to acute and chronic opiate treatments. British Journal of Pharmacology, 2012, 165, 424-435.	2.7	64
107	The endocannabinoid hydrolysis inhibitor SA-57: Intrinsic antinociceptive effects, augmented morphine-induced antinociception, and attenuated heroin seeking behavior in mice. Neuropharmacology, 2017, 114, 156-167.	2.0	64
108	The role of the cannabinoid system in nicotine addiction. Pharmacology Biochemistry and Behavior, 2005, 81, 381-386.	1.3	63

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109	Oleylethanolamide exerts partial and dose-dependent neuroprotection of substantia nigra dopamine neurons. <i>Neuropharmacology</i> , 2009, 56, 653-664.	2.0	63
110	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, 9904-9909.	3.3	63
111	A Role for Hypocretin/Orexin Receptor-1 in Cue-Induced Reinstatement of Nicotine-Seeking Behavior. <i>Neuropsychopharmacology</i> , 2013, 38, 1724-1736.	2.8	62
112	Effects of repeated social defeat on adolescent mice on cocaine-induced CPP and self-administration in adulthood: integrity of the blood-brain barrier. <i>Addiction Biology</i> , 2017, 22, 129-141.	1.4	62
113	Involvement of $\delta$ /Dynorphin System in WIN 55,212-2 Self-Administration in Mice. <i>Neuropsychopharmacology</i> , 2006, 31, 1957-1966.	2.8	61
114	Neurotensin injected into the nucleus accumbens blocks the psychostimulant effects of cocaine but does not attenuate cocaine self-administration in the rat. <i>Brain Research</i> , 1993, 622, 105-112.	1.1	60
115	GPR3 Receptor, a Novel Actor in the Emotional-Like Responses. <i>PLoS ONE</i> , 2009, 4, e4704.	1.1	60
116	A2A adenosine receptor regulates glia proliferation and pain after peripheral nerve injury. <i>Pain</i> , 2008, 140, 95-103.	2.0	59
117	The absence of VGLUT3 predisposes to cocaine abuse by increasing dopamine and glutamate signaling in the nucleus accumbens. <i>Molecular Psychiatry</i> , 2015, 20, 1448-1459.	4.1	59
118	Differences in physical dependence induced by selective $\mu$ or $\delta$ opioid agonists and by endogenous enkephalins protected by peptidase inhibitors. <i>Brain Research</i> , 1990, 520, 247-254.	1.1	58
119	Nicotine anxiogenic and rewarding effects are decreased in mice lacking $\delta$ -endorphin. <i>Neuropharmacology</i> , 2009, 56, 1147-1153.	2.0	56
120	Cannabinoid Receptor 2 Participates in Amyloid- $\beta$ Processing in a Mouse Model of Alzheimer's Disease but Plays a Minor Role in the Therapeutic Properties of a Cannabis-Based Medicine. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 489-500.	1.2	56
121	The attenuation of morphine-conditioned place preference following chronic mild stress is reversed by a CCK B receptor antagonist. <i>Psychopharmacology</i> , 1997, 131, 79-85.	1.5	55
122	Involvement of the opioid system in the effects induced by nicotine on anxiety-like behaviour in mice. <i>Psychopharmacology</i> , 2005, 181, 260-269.	1.5	55
123	Mu-opioid receptors are involved in the tolerance to nicotine antinociception. <i>Journal of Neurochemistry</i> , 2006, 97, 416-423.	2.1	55
124	Cannabinoid-hypocretin cross-talk in the central nervous system: what we know so far. <i>Frontiers in Neuroscience</i> , 2013, 7, 256.	1.4	55
125	Association of the peptidase inhibitor RB 101 and a CCK-B antagonist strongly enhances antinociceptive responses. <i>NeuroReport</i> , 1993, 4, 947-950.	0.6	53
126	Participation of the opioid system in cannabinoid-induced antinociception and emotional-like responses. <i>European Neuropsychopharmacology</i> , 2003, 13, 401-410.	0.3	53



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127	Mu Opioid Receptors in Gamma-Aminobutyric Acidergic Forebrain Neurons Moderate Motivation for Heroin and Palatable Food. <i>Biological Psychiatry</i> , 2017, 81, 778-788.	0.7	53
128	Increase of morphine withdrawal in mice lacking A2 receptors and no changes in CB1/A2 double knockout mice. <i>European Journal of Neuroscience</i> , 2003, 17, 315-324.	1.2	52
129	A reliable method to study cue-, priming-, and stress-induced reinstatement of cocaine self-administration in mice. <i>Psychopharmacology</i> , 2008, 199, 593-603.	1.5	52
130	Antinociceptive response induced by mixed inhibitors of enkephalin catabolism in peripheral inflammation. <i>Pain</i> , 1994, 58, 77-83.	2.0	51
131	Protein kinases in the locus coeruleus and periaqueductal gray matter are involved in the expression of opiate withdrawal. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1995, 352, 565-75.	1.4	51
132	Fatty acid amide hydrolase inhibition for the symptomatic relief of Parkinson's disease. <i>Brain, Behavior, and Immunity</i> , 2016, 57, 94-105.	2.0	51
133	Attenuation of nicotine-induced rewarding effects in A2A knockout mice. <i>Neuropharmacology</i> , 2006, 51, 631-640.	2.0	50
134	Transgenic mice overexpressing the full-length neurotrophin receptor TrkC exhibit increased catecholaminergic neuron density in specific brain areas and increased anxiety-like behavior and panic reaction. <i>Neurobiology of Disease</i> , 2006, 24, 403-418.	2.1	50
135	Caudovirales bacteriophages are associated with improved executive function and memory in flies, mice, and humans. <i>Cell Host and Microbe</i> , 2022, 30, 340-356.e8.	5.1	50
136	The CCKB antagonist PD-134,308 facilitates rewarding effects of endogenous enkephalins but does not induce place preference in rats. <i>Psychopharmacology</i> , 1996, 123, 119-126.	1.5	49
137	A reliable model of intravenous MDMA self-administration in naïve mice. <i>Psychopharmacology</i> , 2006, 184, 212-220.	1.5	49
138	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.	2.1	49
139	The prolactin-releasing peptide antagonizes the opioid system through its receptor GPR10. <i>Nature Neuroscience</i> , 2005, 8, 1735-1741.	7.1	48
140	Involvement of the opioid and cannabinoid systems in pain control: New insights from knockout studies. <i>European Journal of Pharmacology</i> , 2013, 716, 142-157.	1.7	48
141	The rewarding properties of MDMA are preserved in mice lacking u-opioid receptors. <i>European Journal of Neuroscience</i> , 2004, 20, 853-858.	1.2	47
142	The pro-nociceptive effects of remifentanyl or surgical injury in mice are associated with a decrease in delta-opioid receptor mRNA levels: Prevention of the nociceptive response by on-site delivery of enkephalins. <i>Pain</i> , 2009, 141, 88-96.	2.0	47
143	The Hypocretin/Orexin System: Implications for Drug Reward and Relapse. <i>Molecular Neurobiology</i> , 2012, 45, 424-439.	1.9	47
144	Opposite role of CCKA and CCKB receptors in the modulation of endogenous enkephalin antidepressant-like effects. <i>Psychopharmacology</i> , 1995, 120, 400-408.	1.5	46

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145	Pain-suppressive effects on various nociceptive stimuli (thermal, chemical, electrical and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 383-391.	2.0	46
146	Study of the behavioural responses related to the potential addictive properties of MDMA in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 369, 338-349.	1.4	45
147	Prodynorphin gene disruption increases the sensitivity to nicotine self-administration in mice. International Journal of Neuropsychopharmacology, 2009, 12, 615.	1.0	45
148	Why mu-opioid agonists have less analgesic efficacy in neuropathic pain?. European Journal of Pain, 2019, 23, 435-454.	1.4	45
149	Epigenetic and Proteomic Expression Changes Promoted by Eating Addictive-Like Behavior. Neuropsychopharmacology, 2015, 40, 2788-2800.	2.8	44
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