MacDonald Christie

List of Publications by Year
in descending order

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229 papers	19,053 citations	11608 70 h-index	13338 130 g-index
236 all docs	236 docs citations	236 times ranked	13664 citing authors

#	Article	IF	Citations
1	Glycinergic Modulation of Pain in Behavioral Animal Models. Frontiers in Pharmacology, 2022, 13, .	1.6	1
2	Opioid overdose and tolerance: is the recruitment of Î²-arrestin to the Âμ-receptor involved?. Neuropsychopharmacology, 2021, 46, 2226-2227.	2.8	6
3	Positive allosteric mechanisms of adenosine A1 receptor-mediated analgesia. Nature, 2021, 597, 571-576.	13.7	84
4	Critical Assessment of G Protein-Biased Agonism at the Î¼-Opioid Receptor. Trends in Pharmacological Sciences, 2020, 41, 947-959.	4.0	91
5	Intrinsic Efficacy of Opioid Ligands and Its Importance for Apparent Bias, Operational Analysis, and Therapeutic Window. Molecular Pharmacology, 2020, 98, 410-424.	1.0	48
6	Morphineâ€induced respiratory depression is independent of Î²â€arrestin2 signalling. British Journal of Pharmacology, 2020, 177, 2923-2931.	2.7	182
7	Low intrinsic efficacy for G protein activation can explain the improved side effect profiles of new opioid agonists. Science Signaling, 2020, 13, .	1.6	219
8	Spider Venom Peptide Pn3a Inhibition of Primary Afferent High Voltage-Activated Calcium Channels. Frontiers in Pharmacology, 2020, 11, 633679.	1.6	5
9	A tetrapeptide class of biased analgesics from an Australian fungus targets the Âμ-opioid receptor. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22353-22358.	3.3	31
10	Phosphorylation-deficient G-protein-biased Î¼-opioid receptors improve analgesia and diminish tolerance but worsen opioid side effects. Nature Communications, 2019, 10, 367.	5.8	226
11	Development of an N-Acyl Amino Acid That Selectively Inhibits the Glycine Transporter 2 To Produce Analgesia in a Rat Model of Chronic Pain. Journal of Medicinal Chemistry, 2019, 62, 2466-2484.	2.9	28
12	Correction to: Electrophysiological Actions of N/OFQ. Handbook of Experimental Pharmacology, 2019, 254, 417-417.	0.9	0
13	Electrophysiological Actions of N/OFQ. Handbook of Experimental Pharmacology, 2019, 254, 91-130.	0.9	11
14	Activity of novel lipid glycine transporter inhibitors on synaptic signalling in the dorsal horn of the spinal cord. British Journal of Pharmacology, 2018, 175, 2337-2347.	2.7	11
15	Substance P and dopamine interact to modulate the distribution of deltaâ€opioid receptors on cholinergic interneurons in the striatum. European Journal of Neuroscience, 2018, 47, 1159-1173.	1.2	6
16	Novel analgesic Ï‰-conotoxins from the vermivorous cone snail Conus moncuri provide new insights into the evolution of conopeptides. Scientific Reports, 2018, 8, 13397.	1.6	22
17	Multisite phosphorylation is required for sustained interaction with GRKs and arrestins during rapid Î¼-opioid receptor desensitization. Science Signaling, 2018, 11, .	1.6	97
18	Pharmacological characterisation of the highly NaV1.7 selective spider venom peptide Pn3a. Scientific Reports, 2017, 7, 40883.	1.6	120

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19	The tarantula toxin Î²/Î´-TRTX-Pre1a highlights the importance of the S1-S2 voltage-sensor region for sodium channel subtype selectivity. Scientific Reports, 2017, 7, 974.	1.6	16
20	Î±9-nAChR knockout mice exhibit dysregulation of stress responses, affect and reward-related behaviour. Behavioural Brain Research, 2017, 328, 105-114.	1.2	22
21	Neurokinin 1 receptor signaling in endosomes mediates sustained nociception and is a viable therapeutic target for prolonged pain relief. Science Translational Medicine, 2017, 9, .	5.8	158
22	Endosomal signaling of the receptor for calcitonin gene-related peptide mediates pain transmission. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12309-12314.	3.3	136
23	Inhibition of the norepinephrine transporter by Ï‡â€conotoxin dendrimers. Journal of Peptide Science, 2016, 22, 280-289.	0.8	8
24	Glycinergic dysfunction in a subpopulation of dorsal horn interneurons in a rat model of neuropathic pain. Scientific Reports, 2016, 6, 37104.	1.6	56
25	Chronic Morphine Reduces Surface Expression of Î´-Opioid Receptors in Subregions of Rostral Striatum. Neurochemical Research, 2016, 41, 500-509.	1.6	8
26	Conotoxins That Could Provide Analgesia through Voltage Gated Sodium Channel Inhibition. Toxins, 2015, 7, 5386-5407.	1.5	14
27	Conotoxin Interactions with Î±9Î±10-nAChRs: Is the Î±9Î±10-Nicotinic Acetylcholine Receptor an Important Therapeutic Target for Pain Management?. Toxins, 2015, 7, 3916-3932.	1.5	43
28	Î¼â€Opioid receptor activation and noradrenaline transport inhibition by tapentadol in rat single locus coeruleus neurons. British Journal of Pharmacology, 2015, 172, 460-468.	2.7	15
29	Role of Phosphorylation Sites in Desensitization ofÂµ-Opioid Receptor. Molecular Pharmacology, 2015, 88, 825-835.	1.0	40
30	High-voltage-activated calcium current subtypes in mouse DRG neurons adapt in a subpopulation-specific manner after nerve injury. Journal of Neurophysiology, 2015, 113, 1511-1519.	0.9	25
31	Challenges for opioid receptor nomenclature: IUPHAR Review 9. British Journal of Pharmacology, 2015, 172, 317-323.	2.7	115
32	Themed section. British Journal of Pharmacology, 2015, 172, 247-250.	2.7	0
33	Plasticity in striatopallidal projection neurons mediates the acquisition of habitual actions. European Journal of Neuroscience, 2015, 42, 2097-2104.	1.2	46
34	A Positive Allosteric Modulator of the Adenosine A₁ Receptor Selectively Inhibits Primary Afferent Synaptic Transmission in a Neuropathic Pain Model. Molecular Pharmacology, 2015, 88, 460-468.	1.0	53
35	Stabilization of the Cysteineâ€Rich Conotoxin MrIA by Using a 1,2,3â€Triazole as a Disulfide Bond Mimetic. Angewandte Chemie - International Edition, 2015, 54, 1361-1364.	7.2	45
36	Î²â€Arrestinâ€2 knockout prevents development of cellular Î¼â€opioid receptor tolerance but does not affect opioidâ€withdrawalâ€related adaptations in single <scp>PAG</scp> neurons. British Journal of Pharmacology, 2015, 172, 492-500.	2.7	29

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37	The Acquisition of Goal-Directed Actions Generates Opposing Plasticity in Direct and Indirect Pathways in Dorsomedial Striatum. Journal of Neuroscience, 2014, 34, 9196-9201.	1.7	105
38	Î±9-Nicotinic Acetylcholine Receptors Contribute to the Maintenance of Chronic Mechanical Hyperalgesia, but Not Thermal or Mechanical Allodynia. Molecular Pain, 2014, 10, 1744-8069-10-64.	1.0	35
39	Glycine transport inhibitors for the treatment of pain. Trends in Pharmacological Sciences, 2014, 35, 423-430.	4.0	69
40	MrIC, a Novel Î±-Conotoxin Agonist in the Presence of PNU at Endogenous Î±7 Nicotinic Acetylcholine Receptors. Biochemistry, 2014, 53, 1-3.	1.2	31
41	The Light Touch of Delta Opioid Receptors. Neuron, 2014, 81, 1220-1222.	3.8	1
42	Human Chorionic Gonadotropin Increases Î²-Cleavage of Amyloid Precursor Protein in SH-SY5Y Cells. Cellular and Molecular Neurobiology, 2013, 33, 747-751.	1.7	15
43	Novel Ï‰-Conotoxins from C. Catus Reverse Signs of Mouse Inflammatory Pain after Systemic Administration. Molecular Pain, 2013, 9, 1744-8069-9-51.	1.0	9
44	Vicinal Disulfide Constrained Cyclic Peptidomimetics: a Turn Mimetic Scaffold Targeting the Norepinephrine Transporter. Angewandte Chemie - International Edition, 2013, 52, 12020-12023.	7.2	32
45	Regulation ofÂµ-Opioid Receptors: Desensitization, Phosphorylation, Internalization, and Tolerance. Pharmacological Reviews, 2013, 65, 223-254.	7.1	673
46	Learning-Related Translocation of Î´-Opioid Receptors on Ventral Striatal Cholinergic Interneurons Mediates Choice between Goal-Directed Actions. Journal of Neuroscience, 2013, 33, 16060-16071.	1.7	59
47	A Continuous, Fluorescence-based Assay of Âµ-Opioid Receptor Activation in AtT-20 Cells. Journal of Biomolecular Screening, 2013, 18, 269-276.	2.6	61
48	Spinal actions of Ï‰â€conotoxins, <scp>CVID</scp>, <scp>MVIIA</scp> and related peptides in a rat neuropathic pain model. British Journal of Pharmacology, 2013, 170, 245-254.	2.7	25
49	Vicinal Disulfide Constrained Cyclic Peptidomimetics: a Turn Mimetic Scaffold Targeting the Norepinephrine Transporter. Angewandte Chemie, 2013, 125, 12242-12245.	1.6	9
50	Prolonged Stimulation of Î¼-Opioid Receptors Produces Î²-Arrestin-2-Mediated Heterologous Desensitization of Î±₂-Adrenoceptor Function in Locus Ceruleus Neurons. Molecular Pharmacology, 2012, 82, 473-480.	1.0	22
51	Glutamate transporter dysfunction associated with nerve injury-induced pain in mice. Journal of Neurophysiology, 2012, 107, 649-657.	0.9	26
52	Intrathecal Î±-conotoxins Vc1.1, AuIB and MII acting on distinct nicotinic receptor subtypes reverse signs of neuropathic pain. Neuropharmacology, 2012, 62, 2202-2207.	2.0	54
53	Nucleus accumbens D2- and D1-receptor expressing medium spiny neurons are selectively activated by morphine withdrawal and acute morphine, respectively. Neuropharmacology, 2012, 62, 2463-2471.	2.0	50
54	Opioidâ€related (ORL1) receptors are enriched in a subpopulation of sensory neurons and prolonged activation produces no functional loss of surface Nâ€type calcium channels. Journal of Physiology, 2012, 590, 1655-1667.	1.3	32

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55	Conus Venom Peptide Pharmacology. Pharmacological Reviews, 2012, 64, 259-298.	7.1	372
56	Mechanisms of rapid opioid receptor desensitization, resensitization and tolerance in brain neurons. British Journal of Pharmacology, 2012, 165, 1704-1716.	2.7	138
57	Multiple mechanisms of microglia: A gatekeeper's contribution to pain states. Experimental Neurology, 2012, 234, 255-261.	2.0	39
58	Characterisation of Nav types endogenously expressed in human SH-SY5Y neuroblastoma cells. Biochemical Pharmacology, 2012, 83, 1562-1571.	2.0	64
59	Inhibition of fatty acid amide hydrolase unmasks CB₁ receptor and TRPV1 channelâ€mediated modulation of glutamatergic synaptic transmission in midbrain periaqueductal grey. British Journal of Pharmacology, 2011, 163, 1214-1222.	2.7	60
60	Analysis of opioid efficacy, tolerance, addiction and dependence from cell culture to human. British Journal of Pharmacology, 2011, 164, 1322-1334.	2.7	197
61	Cannabis medicine without a high. Nature Chemical Biology, 2011, 7, 249-250.	3.9	6
62	Distinct cellular properties of identified dopaminergic and GABAergic neurons in the mouse ventral tegmental area. Journal of Physiology, 2011, 589, 3775-3787.	1.3	95
63	A novel mechanism of inhibition of high-voltage activated calcium channels by Î±-conotoxins contributes to relief of nerve injury-induced neuropathic pain. Pain, 2011, 152, 259-266.	2.0	77
64	Drug-induced GABA transporter currents enhance GABA release to induce opioid withdrawal behaviors. Nature Neuroscience, 2011, 14, 1548-1554.	7.1	47
65	Total Synthesis of the Analgesic Conotoxin MrVIB through Selenocysteineâ€Assisted Folding. Angewandte Chemie - International Edition, 2011, 50, 6527-6529.	7.2	88
66	Opioid receptor modulation of GABAergic and serotonergic spinally projecting neurons of the rostral ventromedial medulla in mice. Journal of Neurophysiology, 2011, 106, 731-740.	0.9	33
67	Correction to â€œAnalgesic Ï‰-Conotoxins CVIE and CVIF Selectively and Voltage-Dependently Block Recombinant and Native N-Type Calcium Channelsâ€• TABLE 1. Molecular Pharmacology, 2011, 80, 356-356.	1.0	1
68	Cellular Morphine Tolerance Produced by Î²Arrestin-2-Dependent Impairment of Î¼-Opioid Receptor Resensitization. Journal of Neuroscience, 2011, 31, 7122-7130.	1.7	62
69	Chemical Synthesis and Structure of the Prokineticin Bv8. ChemBioChem, 2010, 11, 1882-1888.	1.3	22
70	Analgesic Ï‰-Conotoxins CVIE and CVIF Selectively and Voltage-Dependently Block Recombinant and Native N-Type Calcium Channels. Molecular Pharmacology, 2010, 77, 139-148.	1.0	57
71	Dendritic Function of Tau Mediates Amyloid-Î² Toxicity in Alzheimer's Disease Mouse Models. Cell, 2010, 142, 387-397.	13.5	1,563
72	Somatostatin and nociceptin inhibit neurons in the central nucleus of amygdala that project to the periaqueductal grey. Neuropharmacology, 2010, 59, 425-430.	2.0	20

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73	Behavioral Consequences of Delta-Opioid Receptor Activation in the Periaqueductal Gray of Morphine Tolerant Rats. Neural Plasticity, 2009, 2009, 1-7.	1.0	10
74	Two Distinct Mechanisms Mediate Acute Î¼-Opioid Receptor Desensitization in Native Neurons. Journal of Neuroscience, 2009, 29, 3322-3327.	1.7	50
75	Endocannabinoids Can Open the Pain Gate. Science Signaling, 2009, 2, pe57.	1.6	15
76	Chronic morphine treatment induces functional delta-opioid receptors in amygdala neurons that project to periaqueductal grey. Neuropharmacology, 2009, 57, 430-437.	2.0	31
77	Tolerance and Dependence. , 2009, , 4073-4076.		0
78	Cellular neuroadaptations to chronic opioids: tolerance, withdrawal and addiction. British Journal of Pharmacology, 2008, 154, 384-396.	2.7	370
79	Switch to Ca²⁺â€permeable AMPA and reduced NR2B NMDA receptorâ€mediated neurotransmission at dorsal horn nociceptive synapses during inflammatory pain in the rat. Journal of Physiology, 2008, 586, 515-527.	1.3	77
80	Functional coupling of Î¼-receptor-GÎ±i-tethered proteins in AtT20 cells. NeuroReport, 2008, 19, 1793-1796.	0.6	4
81	Abventricular Division. , 2008, , 3-3.		1
82	Are Î±9Î±10 Nicotinic Acetylcholine Receptors a Pain Target for Î±-Conotoxins?. Molecular Pharmacology, 2007, 72, 1406-1410.	1.0	106
83	Inflammation reduces the contribution of N-type calcium channels to primary afferent synaptic transmission onto NK1 receptor-positive lamina I neurons in the rat dorsal horn. Journal of Physiology, 2007, 580, 883-894.	1.3	35
84	Trishomocubanes: Novel Ïƒ ligands modulate cocaine-induced behavioural effects. European Journal of Pharmacology, 2007, 555, 37-42.	1.7	25
85	Enhanced Fos expression in glutamic acid decarboxylase immunoreactive neurons of the mouse periaqueductal grey during opioid withdrawal. Neuroscience, 2006, 137, 1389-1396.	1.1	9
86	ATP potentiates neurotransmission in the rat trigeminal subnucleus caudalis. NeuroReport, 2006, 17, 1507-1510.	0.6	21
87	Opioid and cannabinoid receptors: friends with benefits or just close friends?. British Journal of Pharmacology, 2006, 148, 385-386.	2.7	22
88	Characterization of neurons in the rat central nucleus of the amygdala: Cellular physiology, morphology, and opioid sensitivity. Journal of Comparative Neurology, 2006, 497, 910-927.	0.9	110
89	ÂO-conotoxin MrVIB selectively blocks Nav1.8 sensory neuron specific sodium channels and chronic pain behavior without motor deficits. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17030-17035.	3.3	184
90	The Relationship Between Amphetamine Use, Crime and Psychiatric Disorder Among Prisoners in New South Wales. Psychiatry, Psychology and Law, 2006, 13, 160-165.	0.9	4

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91	Influence of Trishomocubanes on Sigma Receptor Binding of N-(1-Benzylpiperidin-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742	0.7	3
92	Enhanced c-Fos in periaqueductal grey GABAergic neurons during opioid withdrawal. NeuroReport, 2005, 16, 1279-1283.	0.6	6
93	Opioid tolerance in periaqueductal gray neurons isolated from mice chronically treated with morphine. British Journal of Pharmacology, 2005, 146, 68-76.	2.7	72
94	Pathobiology of dynorphins in trauma and disease. Frontiers in Bioscience - Landmark, 2005, 10, 216.	3.0	89
95	Induction of Â-Opioid Receptor Function in the Midbrain after Chronic Morphine Treatment. Journal of Neuroscience, 2005, 25, 3192-3198.	1.7	75
96	The Role of Opioid Receptor Phosphorylation and Trafficking in Adaptations to Persistent Opioid Treatment. NeuroSignals, 2005, 14, 290-302.	0.5	39
97	Retrograde Signalling by Endocannabinoids. , 2005, , 367-383.		69
98	GABA Transporter Currents Activated by Protein Kinase A Excite Midbrain Neurons during Opioid Withdrawal. Neuron, 2005, 45, 433-445.	3.8	72
99	Î´-opioid receptor-mediated actions on rostral ventromedial medulla neurons. Neuroscience, 2005, 132, 239-244.	1.1	13
100	Cannabinoids and cancer: causation, remediation, and palliation. Lancet Oncology, The, 2005, 6, 35-42.	5.1	132
101	Cellular actions of somatostatin on rat periaqueductal grey neurons in vitro. British Journal of Pharmacology, 2004, 142, 1273-1280.	2.7	26
102	Î¼ -Opioid receptor desensitization: Is morphine different?. British Journal of Pharmacology, 2004, 143, 685-696.	2.7	99
103	Effects of sumatriptan on rat medullary dorsal horn neurons. Pain, 2004, 111, 30-37.	2.0	39
104	Depressive symptoms during buprenorphine vs. methadone maintenance: findings from a randomised, controlled trial in opioid dependence. European Psychiatry, 2004, 19, 510-513.	0.1	64
105	Serotonergic and Nonserotonergic Dorsal Raphe Neurons Are Pharmacologically and Electrophysiologically Heterogeneous. Journal of Neurophysiology, 2004, 92, 3532-3537.	0.9	59
106	Adaptations in Adenosine Signaling in Drug Dependence: Therapeutic Implications. Critical Reviews in Neurobiology, 2004, 15, 235-274.	3.3	60
107	Cellular actions of opioids on periaqueductal grey neurons from C57B16/J mice and mutant mice lacking MOR-1. British Journal of Pharmacology, 2003, 139, 362-367.	2.7	41
108	Opioid Agonists Have Different Efficacy Profiles for G Protein Activation, Rapid Desensitization, and Endocytosis of Mu-opioid Receptors. Journal of Biological Chemistry, 2003, 278, 18776-18784.	1.6	142

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109	Modulation of GABA release during morphine withdrawal in midbrain neurons in vitro. Neuropharmacology, 2003, 45, 575-584.	2.0	74
110	Presynaptic Î" opioid receptors differentially modulate rhythm and pattern generation in the ventral respiratory group of the rat. Neuroscience, 2003, 121, 959-973.	1.1	28
111	Mu opioid receptors in rat ventral medulla: effects of endomorphin-1 on phrenic nerve activity. Respiratory Physiology and Neurobiology, 2003, 138, 165-178.	0.7	51
112	Developmental changes in the Î±-adrenergic responses of rat periaqueductal grey neurons. NeuroReport, 2003, 14, 1637-1639.	0.6	3
113	The actions of anandamide on rat superficial medullary dorsal horn neurons in vitro. Journal of Physiology, 2003, 548, 121-129.	1.3	52
114	Rostral Ventromedial Medulla Neurons That Project to the Spinal Cord Express Multiple Opioid Receptor Phenotypes. Journal of Neuroscience, 2002, 22, 10847-10855.	1.7	93
115	A randomised, controlled trial of fluoxetine in methadone maintenance patients with depressive symptoms. Journal of Affective Disorders, 2002, 72, 85-90.	2.0	31
116	Prostaglandin E2inhibits calcium current in two subâ€populations of acutely isolated mouse trigeminal sensory neurons. Journal of Physiology, 2002, 539, 433-444.	1.3	35
117	Capsaicin activation of glutamatergic synaptic transmission in the rat locus coeruleus In vitro. Journal of Physiology, 2002, 543, 531-540.	1.3	146
118	Expression of mRNA and functional alpha1 -adrenoceptors that suppress the GIRK conductance in adult rat locus coeruleus neurons. British Journal of Pharmacology, 2002, 135, 226-232.	2.7	29
119	Anandamide is a partial agonist at native vanilloid receptors in acutely isolated mouse trigeminal sensory neurons. British Journal of Pharmacology, 2002, 137, 421-428.	2.7	68
120	Gingerols: a novel class of vanilloid receptor (VR1) agonists. British Journal of Pharmacology, 2002, 137, 793-798.	2.7	171
121	Discovery and Structure of a Potent and Highly Specific Blocker of Insect Calcium Channels. Journal of Biological Chemistry, 2001, 276, 40306-40312.	1.6	79
122	Cellular and Synaptic Adaptations Mediating Opioid Dependence. Physiological Reviews, 2001, 81, 299-343.	13.1	725
123	Cannabinoids act backwards. Nature, 2001, 410, 527-530.	13.7	37
124	Cannabinoid actions on rat superficial medullary dorsal horn neurons in vitro. Journal of Physiology, 2001, 534, 805-812.	1.3	61
125	Actions of nociceptin/orphanin FQ and other prepronociceptin products on rat rostral ventromedial medulla neurons in vitro. Journal of Physiology, 2001, 534, 849-859.	1.3	51
126	Nociceptin inhibits calcium channel currents in a subpopulation of small nociceptive trigeminal ganglion neurons in mouse. Journal of Physiology, 2001, 536, 35-47.	1.3	79

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127	Trishomocubanes: novel Ïƒ-receptor ligands modulate amphetamine-stimulated [3H]dopamine release. European Journal of Pharmacology, 2001, 422, 39-45.	1.7	34
128	Trishomocubanes: Requirements for Ïƒ Receptor Binding and Subtype Selectivity. Australian Journal of Chemistry, 2001, 54, 31.	0.5	15
129	Delta pioid receptor immunoreactive boutons appose bulbospinal CI neurons in the rat. NeuroReport, 2000, 11, 887-891.	0.6	15
130	Cellular Actions Of Opioids And Other Analgesics: Implications For Synergism In Pain Relief. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 520-523.	0.9	76
131	Morphine-6Î² -glucuronide has a higher efficacy than morphine as a mu-opioid receptor agonist in the rat locus coeruleus. British Journal of Pharmacology, 2000, 131, 1422-1428.	2.7	27
132	X-Ray Crystallographic Structures of Biologically Active Trishomocubanes of the Types Pentacyclo[5.4.0.02,6.03,10.05,9]undecylamines and 4-Azahexacyclo[5.4.1.02,6.03,10.05,9.08,11]dodecane. Australian Journal of Chemistry, 2000, 53, 899.	0.5	2
133	An analgesic role for cannabinoids. Medical Journal of Australia, 2000, 173, 270-272.	0.8	12
134	Isolation of a funnel-web spider polypeptide with homology to mamba intestinal toxin 1 and the embryonic head inducer Dickkopf-1. Toxicon, 2000, 38, 429-442.	0.8	46
135	Isolation and pharmacological characterisation of Î´-atracotoxin-Hv1b, a vertebrate-selective sodium channel toxin. FEBS Letters, 2000, 470, 293-299.	1.3	56
136	Discovery and characterization of a family of insecticidal neurotoxins with a rare vicinal disulfide bridge. Nature Structural Biology, 2000, 7, 505-513.	9.7	194
137	Actions of cannabinoids on membrane properties and synaptic transmission in rat periaqueductal gray neurons in vitro. Molecular Pharmacology, 2000, 57, 288-95.	1.0	188
138	High-resolution solution structure of gurmarin, a sweet-taste-suppressing plant polypeptide. FEBS Journal, 1999, 264, 525-533.	0.2	29
139	OPIOID RECEPTOR SIGNALLING MECHANISMS. Clinical and Experimental Pharmacology and Physiology, 1999, 26, 493-499.	0.9	207
140	Inhibition by adenosine receptor agonists of synaptic transmission in rat periaqueductal grey neurons. Journal of Physiology, 1999, 516, 219-225.	1.3	43
141	Î¼-opioid receptor modulation of calcium channel current in periaqueductal grey neurons from C57B16/J mice and mutant mice lacking MOR-1. British Journal of Pharmacology, 1999, 126, 1553-1558.	2.7	65
142	Cannabinoid receptor activation inhibits GABAergic neurotransmission in rostral ventromedial medulla neurons in vitro. British Journal of Pharmacology, 1999, 127, 935-940.	2.7	124
143	Continued morphine modulation of calcium channel currents in acutely isolated locus coeruleus neurons from morphine-dependent rats. British Journal of Pharmacology, 1999, 128, 1561-1569.	2.7	38
144	Nociceptin, Phe1 Ψ-nociceptin1-13 , nocistatin and prepronociceptin154-181 effects on calcium channel currents and a potassium current in rat locus coeruleus in vitro. British Journal of Pharmacology, 1999, 128, 1779-1787.	2.7	39

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145	Spider toxins: A new group of potassium channel modulators. Journal of Computer - Aided Molecular Design, 1999, 15/16, 61-69.	1.0	0
146	Opioids, NSAIDs and 5-lipoxygenase inhibitors act synergistically in brain via arachidonic acid metabolism. Inflammation Research, 1999, 48, 1-4.	1.6	57
147	The Anxiogenic-Like and Anxiolytic-Like Effects of MDMA on Mice in the Elevated Plus-Maze A Comparison With Amphetamine. Pharmacology Biochemistry and Behavior, 1999, 62, 403-408.	1.3	65
148	In vitro and in vivo characterisation of [3H]ANSTO-14 binding to the Ïƒ1 binding sites. Nuclear Medicine and Biology, 1999, 26, 209-215.	0.3	7
149	Synthesis and Binding Studies of Trishomocubanes: Novel Ligands for Ïƒ Binding Sites. Australian Journal of Chemistry, 1999, 52, 653.	0.5	12
150	Modulation of Ca2+channel currents of acutely dissociated rat periaqueductal grey neurons. Journal of Physiology, 1998, 509, 47-58.	1.3	108
151	Ïƒ-Binding site ligands inhibit K+ currents in rat locus coeruleus neurons in vitro. European Journal of Pharmacology, 1998, 361, 157-163.	1.7	14
152	Swim-stress but not opioid withdrawal increases expression of c-Fos immunoreactivity in rat periaqueductal gray neurons which project to the rostral ventromedial medulla. Neuroscience, 1998, 83, 517-524.	1.1	50
153	Do medullary serotonergic neurons tonically modulate nociceptive transmission?. Pain Forum, 1998, 7, 155-158.	1.1	3
154	Enhanced Opioid Efficacy in Opioid Dependence Is Caused by an Altered Signal Transduction Pathway. Journal of Neuroscience, 1998, 18, 10269-10276.	1.7	150
155	Presynaptic inhibitory action of opioids on synaptic transmission in the rat periaqueductal grey in vitro.. Journal of Physiology, 1997, 498, 463-472.	1.3	203
156	Generators of synchronous activity of the locus coeruleus during development. Seminars in Cell and Developmental Biology, 1997, 8, 29-34.	2.3	15
157	Where is the locus in opioid withdrawal?. Trends in Pharmacological Sciences, 1997, 18, 134-140.	4.0	122
158	Actions of the ORL₁Receptor Ligand Nociceptin on Membrane Properties of Rat Periaqueductal Gray NeuronsIn Vitro. Journal of Neuroscience, 1997, 17, 996-1003.	1.7	168
159	The structure of a novel insecticidal neurotoxin, Ï‰-atracotoxin-HV1, from the venom of an Australian funnel web spider. Nature Structural Biology, 1997, 4, 559-566.	9.7	172
160	Cortistatin increase of a potassium conductance in rat locus coeruleus in vitro. British Journal of Pharmacology, 1997, 122, 1567-1572.	2.7	22
161	How opioids inhibit GABA-mediated neurotransmission. Nature, 1997, 390, 611-614.	13.7	468
162	Serotonergic modulation of 3,4-methylenedioxymethamphetamine (MDMA)-elicited reduction of response rate but not rewarding threshold in accumbal self-stimulation. Brain Research, 1997, 744, 351-357.	1.1	29

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