## Stephen P Hunt

List of Publications by Year in descending order

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	30070	29157
11,102	54	104
citations	h-index	g-index
130	130	7853
139	139	7033
docs citations	times ranked	citing authors
	citations 139	11,102 54 citations h-index  139 139

#	Article	IF	CITATIONS
1	The Hypothalamic–Pituitary–Adrenal Axis and Serotonin Metabolism in Individual Brain Nuclei of Mice with Genetic Disruption of the NK1 Receptor Exposed to Acute Stress. Cellular and Molecular Neurobiology, 2018, 38, 1271-1281.	3.3	1
2	Selective neuronal silencing using synthetic botulinum molecules alleviates chronic pain in mice. Science Translational Medicine, $2018,10,10$	12.4	32
3	Nonparalytic botulinum molecules for the control of pain. Pain, 2016, 157, 1045-1055.	4.2	33
4	The mitogen and stress-activated protein kinase 1 regulates the rapid epigenetic tagging of dorsal horn neurons and nocifensive behaviour. Pain, 2016, 157, 2594-2604.	4.2	13
5	Short-Term Anesthesia Inhibits Formalin-Induced Extracellular Signal-Regulated Kinase (ERK) Activation in the Rostral Anterior Cingulate Cortex but Not in the Spinal Cord. Molecular Pain, 2015, 11, s12990-015-0052.	2.1	6
6	Inhibition of the mammalian target of rapamycin complex $1$ signaling pathway reduces itch behaviour in mice. Pain, $2015,156,1519-1529.$	4.2	16
7	Axonal protein synthesis and the regulation of primary afferent function. Developmental Neurobiology, 2014, 74, 269-278.	3.0	23
8	Genetic association of the tachykinin receptor $1 < i > TACR1 <  i> gene in bipolar disorder, attention deficit hyperactivity disorder, and the alcohol dependence syndrome. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2014, 165, 373-380.$	1.7	39
9	Descending Controls Modulate Inflammatory Joint Pain and Regulate CXC Chemokine and iNOS Expression in the Dorsal Horn. Molecular Pain, 2014, 10, 1744-8069-10-39.	2.1	20
10	Synthetic Self-Assembling Clostridial Chimera for Modulation of Sensory Functions. Bioconjugate Chemistry, 2013, 24, 1750-1759.	3.6	31
11	Antagonism of L-type Cav channels with nifedipine differentially affects performance of wildtype and NK1Râ^'/â^' mice in the 5-Choice Serial Reaction-Time Task. Neuropharmacology, 2013, 64, 329-336.	4.1	15
12	The effect of clozapine on mRNA expression for genes encoding G protein-coupled receptors and the protein components of clathrin-mediated endocytosis. Psychiatric Genetics, 2013, 23, 153-162.	1.1	10
13	Role for Substance P–Based Nociceptive Signaling in Progenitor Cell Activation and Angiogenesis During Ischemia in Mice and in Human Subjects. Circulation, 2012, 125, 1774-1786.	1.6	90
14	Axonal protein synthesis: a potential target for pain relief?. Current Opinion in Pharmacology, 2012, 12, 42-48.	3.5	39
15	Lamina I NK1 Expressing Projection Neurones are Functional in Early Postnatal Rats and Contribute to the Setting up of Adult Mechanical Sensory Thresholds. Molecular Pain, 2012, 8, 1744-8069-8-35.	2.1	7
16	The Expression of Spinal Methyl-CpG-Binding Protein 2, DNA Methyltransferases and Histone Deacetylases is Modulated in Persistent Pain States. Molecular Pain, 2012, 8, 1744-8069-8-14.	2.1	82
17	Altered host response to murine gammaherpesvirus 68 infection in mice lacking the tachykinin 1 gene and the receptor for substance P. Neuropeptides, 2011, 45, 49-53.	2.2	4
18	Systemic inhibition of the mammalian target of rapamycin (mTOR) pathway reduces neuropathic pain in mice. Pain, 2011, 152, 2582-2595.	4.2	90

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19	Performance Deficits of NK1 Receptor Knockout Mice in the 5-Choice Serial Reaction-Time Task: Effects of d-Amphetamine, Stress and Time of Day. PLoS ONE, 2011, 6, e17586.	2.5	52
20	Neurokinin-1 receptors (NK1R:s), alcohol consumption, and alcohol reward in mice. Psychopharmacology, 2010, 209, 103-111.	3.1	57
21	Involvement of preprotachykinin A gene-encoded peptides and the neurokinin 1 receptor in endotoxin-induced murine airway inflammation. Neuropeptides, 2010, 44, 399-406.	2.2	23
22	Injury Induced Activation of Extracellular Signal-Regulated Kinase (ERK) in the Rat Rostral Ventromedial Medulla (RVM) is Age Dependant and Requires the Lamina I Projection Pathway. Molecular Pain, 2010, 6, 1744-8069-6-54.	2.1	16
23	Correcting Errors in Optical Data Transmission Using Neural Networks. Lecture Notes in Computer Science, 2010, , 448-457.	1.3	2
24	Localization of the Endocannabinoid-Degrading Enzyme Fatty Acid Amide Hydrolase in Rat Dorsal Root Ganglion Cells and Its Regulation after Peripheral Nerve Injury. Journal of Neuroscience, 2009, 29, 3766-3780.	3.6	53
25	A Rapamycin-Sensitive Signaling Pathway Is Essential for the Full Expression of Persistent Pain States. Journal of Neuroscience, 2009, 29, 15017-15027.	3.6	161
26	Stress-related neuropeptides and alcoholism: CRH, NPY, and beyond. Alcohol, 2009, 43, 491-498.	1.7	52
27	Behavioural and neurochemical abnormalities in mice lacking functional tachykinin-1 (NK1) receptors: A model of attention deficit hyperactivity disorder. Neuropharmacology, 2009, 57, 627-635.	4.1	44
28	Adaptive Electrical Signal Post-processing with Varying Representations in Optical Communication Systems. Communications in Computer and Information Science, 2009, , 235-245.	0.5	4
29	Genes and the dynamics of pain control. Functional Neurology, 2009, 24, 9-15.	1.3	6
30	Regulation of pain sensitivity in experimental osteoarthritis by the endogenous peripheral opioid system. Arthritis and Rheumatism, 2008, 58, 3110-3119.	6.7	104
31	Further Exploring the Brain–Skin Connection: Stress Worsens Dermatitis via Substance P-dependent Neurogenic Inflammation in Mice. Journal of Investigative Dermatology, 2008, 128, 434-446.	0.7	128
32	Descending Serotonergic Controls Regulate Inflammation-Induced Mechanical Sensitivity and Methyl-CpG-Binding Protein 2 Phosphorylation in the Rat Superficial Dorsal Horn. Molecular Pain, 2008, 4, 1744-8069-4-35.	2.1	68
33	Selective ablation of dorsal horn NK1 expressing cells reveals a modulation of spinal alpha2-adrenergic inhibition of dorsal horn neurones. Neuropharmacology, 2008, 54, 1208-1214.	4.1	20
34	Neurokinin 1 Receptor Antagonism as a Possible Therapy for Alcoholism. Science, 2008, 319, 1536-1539.	12.6	198
35	Peripheral tachykinins and the neurokinin receptor NK1 are required for platelet thrombus formation. Blood, 2008, 111, 605-612.	1.4	40
36	Mechanisms That Generate and Maintain Bone Cancer Pain. Novartis Foundation Symposium, 2008, , 221-240.	1.1	18

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37	Local Translation in Primary Afferent Fibers Regulates Nociception. PLoS ONE, 2008, 3, e1961.	2.5	134
38	Experimental acute pancreatitis in PAP/HIP knock-out mice. Gut, 2007, 56, 1091-1097.	12.1	77
39	A Role for Transcriptional Repressor Methyl-CpG-Binding Protein 2 and Plasticity-Related Gene Serumand Glucocorticoid-Inducible Kinase 1 in the Induction of Inflammatory Pain States. Journal of Neuroscience, 2007, 27, 6163-6173.	3.6	103
40	Substance P Neurokinin 1 Receptor Activation within the Dorsal Raphe Nucleus Controls Serotonin Release in the Mouse Frontal Cortex. Molecular Pharmacology, 2007, 72, 1411-1418.	2.3	36
41	Superficial NK1 expressing spinal dorsal horn neurones modulate inhibitory neurotransmission mediated by spinal GABAA receptors. Neuroscience Letters, 2007, 419, 278-283.	2.1	13
42	Reply:. Hepatology, 2007, 45, 1585-1586.	7.3	10
43	Disruption of noradrenergic transmission and the behavioural response to a novel environment in NK1R-/- mice. European Journal of Neuroscience, 2007, 25, 1195-1204.	2.6	33
44	Dolor, opioides y adicci $\tilde{A}^3$ n. , 2007, , 357-368.		0
45	Depletion of endogenous spinal 5-HT attenuates the behavioural hypersensitivity to mechanical and cooling stimuli induced by spinal nerve ligation. Pain, 2006, 123, 264-274.	4.2	102
46	Local and descending circuits regulate longâ€term potentiation and zif268 expression in spinal neurons. European Journal of Neuroscience, 2006, 24, 761-772.	2.6	70
47	Reg2 inactivation increases sensitivity to Fas hepatotoxicity and delays liver regeneration post-hepatectomy in mice. Hepatology, 2006, 44, 1452-1464.	7.3	42
48	Pain, opiates and addiction., 2006,, 349-359.		1
49	The ascending pain pathways. , 2005, , 165-184.		3
50	Ephrinâ€A4 inhibits sensory neurite outgrowth and is regulated by neonatal skin wounding. European Journal of Neuroscience, 2005, 22, 2413-2421.	2.6	48
51	Changes in signaling pathways regulating neuroplasticity induced by neurokinin 1 receptor knockout. European Journal of Neuroscience, 2005, 21, 1370-1378.	2.6	6
52	Mast cell deficient and neurokinin-1 receptor knockout mice are protected from stress-induced hair growth inhibition. Journal of Molecular Medicine, 2005, 83, 386-396.	3.9	77
53	Regulation of neuropilin 1 by spinal cord injury in adult rats. Molecular and Cellular Neurosciences, 2005, 28, 475-484.	2.2	15
54	Role of NK-1 neurotransmission in opioid-induced hyperalgesia. Pain, 2005, 116, 276-288.	4.2	157

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55	Spinal-supraspinal serotonergic circuits regulating neuropathic pain and its treatment with gabapentin. Pain, 2005, 117, 292-303.	4.2	150
56	A comparison of neurokinin 1 receptor knock-out (NK1 $\hat{a}$ '/ $\hat{a}$ ') and wildtype mice: exploratory behaviour and extracellular noradrenaline concentration in the cerebral cortex of anaesthetised subjects. Neuropharmacology, 2005, 48, 706-719.	4.1	47
57	The differential contribution of tumour necrosis factor to thermal and mechanical hyperalgesia during chronic inflammation. Arthritis Research, 2005, 7, R807.	2.0	117
58	Modulatory Role of NK1 Receptors in the Basal Ganglia. Studies in NK1-/- Mice., 2005, , 151-159.		0
59	Differential Amplification of Intron-containing Transcripts Reveals Long Term Potentiation-associated Up-regulation of Specific Pde10A Phosphodiesterase Splice Variants. Journal of Biological Chemistry, 2004, 279, 15841-15849.	3.4	43
60	Vanilloid Receptor TRPV1, Sensory C-Fibers, and Vascular Autoregulation. Circulation Research, 2004, 95, 1027-1034.	4.5	138
61	Serotonin transporter in substance P (neurokinin 1) receptor knock-out mice. European Journal of Pharmacology, 2004, 492, 41-48.	3 <b>.</b> 5	7
62	Mechanisms of action of the antidepressants fluoxetine and the substance P antagonist L-000760735 are associated with altered neurofilaments and synaptic remodeling. Brain Research, 2004, 1002, 1-10.	2.2	48
63	Descending facilitatory control of mechanically evoked responses is enhanced in deep dorsal horn neurones following peripheral nerve injury. Brain Research, 2004, 1019, 68-76.	2.2	188
64	Increased formation of corpora lutea in neurokinin 1-receptor deficient mice. Molecular Reproduction and Development, 2004, 68, 408-414.	2.0	10
65	Blockade of substance P (neurokinin 1) receptors enhances extracellular serotonin when combined with a selective serotonin reuptake inhibitor: an in vivo microdialysis study in mice. Journal of Neurochemistry, 2004, 89, 54-63.	3.9	60
66	Co-treatment with riluzole and GDNF is necessary for functional recovery after ventral root avulsion injury. Experimental Neurology, 2004, 187, 359-366.	4.1	80
67	Setting the tone: superficial dorsal horn projection neurons regulate pain sensitivity. Trends in Neurosciences, 2004, 27, 582-584.	8.6	55
68	FLRT3 is expressed in sensory neurons after peripheral nerve injury and regulates neurite outgrowth. Molecular and Cellular Neurosciences, 2004, 27, 202-214.	2.2	47
69	Increased neurogenesis and brain-derived neurotrophic factor in neurokinin-1 receptor gene knockout mice. European Journal of Neuroscience, 2003, 18, 1828-1836.	2.6	80
70	Multiplex proteomic analysis by two-dimensional differential in-gel electrophoresis. Proteomics, 2003, 3, 1162-1171.	2.2	123
71	Contextual fear conditioning regulates the expression of brain-specific small nucleolar RNAs in hippocampus. European Journal of Neuroscience, 2003, 18, 3089-3096.	2.6	55
72	The coding of noxious mechanical and thermal stimuli of deep dorsal horn neurones is attenuated in NK1 knockout mice. Neuropharmacology, 2003, 45, 1093-1100.	4.1	38

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73	Clinical and neuroinflammatory responses to meningoencephalitis in substance P receptor knockout mice. Brain, 2003, 126, 1683-1690.	7.6	37
74	Inhibition of inflammation and hyperalgesia in NK-1 receptor knock-out mice. NeuroReport, 2003, 14, 2189-2192.	1.2	25
75	Neurokinin-1 Receptor-Expressing Neurons in the Amygdala Modulate Morphine Reward and Anxiety Behaviors in the Mouse. Journal of Neuroscience, 2003, 23, 8271-8280.	3.6	103
76	Deletion of Tachykinin NK1 Receptor Gene in Mice does not Alter Respiratory Network Maturation but Alters Respiratory Responses to Hypoxia Advances in Experimental Medicine and Biology, 2003, 536, 497-504.	1.6	6
77	Chapter VII The expression of c-fos in the spinal cord: mapping of nociceptive pathways. Handbook of Chemical Neuroanatomy, 2002, 19, 171-188.	0.3	1
78	Lack of self-administration and behavioural sensitisation to morphine, but not cocaine, in mice lacking NK1 receptors. Neuropharmacology, 2002, 43, 1258-1268.	4.1	99
79	The murine neurokinin NK1receptor gene contributes to the adult hypoxic facilitation of ventilation. European Journal of Neuroscience, 2002, 16, 2245-2252.	2.6	51
80	Superficial NK1-expressing neurons control spinal excitability through activation of descending pathways. Nature Neuroscience, 2002, 5, 1319-1326.	14.8	389
81	Dynamic Pattern of Reg-2 Expression in Rat Sensory Neurons after Peripheral Nerve Injury. Journal of Neuroscience, 2002, 22, 7493-7501.	3.6	56
82	The NK1 Receptor Is Essential for the Full Expression of Noxious Inhibitory Controls in the Mouse. Journal of Neuroscience, 2001, 21, 1039-1046.	3.6	62
83	5-Hydroxytryptamine (5-HT) <sub>1A</sub> Autoreceptor Adaptive Changes in Substance P (Neurokinin 1) Receptor Knock-Out Mice Mimic Antidepressant-Induced Desensitization. Journal of Neuroscience, 2001, 21, 8188-8197.	3.6	133
84	The molecular dynamics of pain control. Nature Reviews Neuroscience, 2001, 2, 83-91.	10.2	504
85	Rewarding effects of opiates are absent in mice lacking the receptor for substance P. Nature, 2000, 405, 180-183.	27.8	215
86	Substance P and central respiratory activity: a comparative in vitro study in NK1 receptor knockout and wild-type mice. Pflugers Archiv European Journal of Physiology, 2000, 440, 446-451.	2.8	26
87	Pain control: breaking the circuit. Trends in Pharmacological Sciences, 2000, 21, 284-286.	8.7	15
88	Disruption of the substance P receptor (neurokinin-1) gene does not prevent upregulation of preprotachykinin-A mRNA in the spinal cord of mice following peripheral inflammation. European Journal of Neuroscience, 1999, 11, 3531-3538.	2.6	9
89	Endogenously produced substance P contributes to lymphocyte proliferation induced by dendritic cells and direct TCR ligation. European Journal of Immunology, 1999, 29, 3815-3825.	2.9	162
90	Altered nociception, analgesia and aggression in mice lacking the receptor for substance P. Nature, 1998, 392, 394-397.	27.8	719

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91	Impaired IL- $\hat{1}^2$ -induced neutrophil accumulation in tachykinin NK1 receptor knockout mice. British Journal of Pharmacology, 1998, 124, 1013-1015.	5.4	52
92	Hot Peppers and Pain. Neuron, 1998, 21, 644-645.	8.1	18
93	Amphiphysin Heterodimers: Potential Role in Clathrin-mediated Endocytosis. Molecular Biology of the Cell, 1997, 8, 2003-2015.	2.1	231
94	Reduced nuclear factor $\hat{P}$ B (p65) expression in rat primary sensory neurons after peripheral nerve injury. NeuroReport, 1997, 8, 2937-2942.	1.2	20
95	A Schwann cell mitogen accompanying regeneration of motor neurons. Nature, 1997, 390, 614-618.	27.8	173
96	The Therapeutic Potential of Neuropeptide Y. Drugs, 1996, 52, 371-389.	10.9	76
97	Regulation of the expression of NR1 NMD A glutamate receptor subunits during hippocampal LTP. NeuroReport, 1994, 6, 119-123.	1.2	41
98	Localisation of glutamate receptor binding sites and mRNAS to the dorsal horn of the rat spinal cord. Neuropharmacology, 1993, 32, 37-41.	4.1	58
99	Differential patterns of immediate early gene expression following sensory stimulation or nerve damage. Restorative Neurology and Neuroscience, 1993, 5, 49-50.	0.7	1
100	Circadian variation in photic regulation of immediate-early gene mRNAs in rat suprachiasmatic nucleus cells. Molecular Brain Research, 1992, 14, 124-130.	2.3	128
101	Distribution of the GABAA receptor $\hat{l}\pm 1$ - and $\hat{l}^3 2$ -subunit mRNAs in chick brain. Neuroscience Letters, 1991, 133, 45-48.	2.1	29
102	The effects of quisqualate and nocodazole on the organization of MAP2 and neurofilaments in spinal cord neurons in vitro. Neuroscience Letters, 1991, 131, 21-26.	2.1	11
103	The chicken GABAA receptor $\hat{l}\pm 1$ subunit: cDNA sequence and localization of the corresponding mRNA. Molecular Brain Research, 1991, 9, 333-339.	2.3	45
104	Expression of the dystrophin gene in mouse and rat brain. NeuroReport, 1991, 2, 773-776.	1.2	23
105	C-fos Induction in the Spinal Cord after Peripheral Nerve Lesion. European Journal of Neuroscience, 1991, 3, 887-894.	2.6	49
106	Localization of Endo-Oligopeptidase (EC 3.4.22.19) in the Rat Nervous Tissue. Journal of Neurochemistry, 1990, 55, 1114-1121.	3.9	35
107	Localization of preprogalanin mRNA in rat brain: In situ hybridization study with a synthetic oligonucleotide probe. Neuroscience Letters, 1990, 114, 241-247.	2.1	46
108	Distinct regional expression of nicotinic acetylcholine receptor genes in chick brain. Molecular Brain Research, 1990, 7, 305-315.	2.3	70

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109	Spinal c-fos induction by sensory stimulation in neonatal rats. Neuroscience Letters, 1990, 109, 309-314.	2.1	71
110	Localization and Quantitative Autoradiography of Glutamatergic Ligand Binding Sites in Chick Brain. European Journal of Neuroscience, 1989, 1, 516-523.	2.6	41
111	Differential distribution of GABAA receptor mRNAs in bovine cerebellum — Localization of α2 mRNA in Bergmann glia layer. Neuroscience Letters, 1989, 106, 7-12.	2.1	52
112	Localization of GABAA receptor $\hat{l}_{\pm}$ -subunit mRNAs in relation to receptor subtypes. Molecular Brain Research, 1989, 5, 305-310.	2.3	58
113	Differential distribution in bovine brain of distinct $\hat{l}^3$ -aminobutyric acidA receptor $\hat{l}^\pm$ -subunit mRNAs. Biochemical Society Transactions, 1989, 17, 566-567.	3.4	7
114	Biochemical, anatomical and functional correlates of postnatal development of the capsaicin-sensitive innervation of the rat urinary bladder. Developmental Brain Research, 1988, 43, 183-190.	1.7	25
115	SPINAL CORD NEUROPEPTIDES IN A CASE OF CHRONIC PAIN. Lancet, The, 1988, 331, 1047-1048.	13.7	7
116	Distinct GABAA receptor $\hat{l}_{\pm}$ subunit mRNAs show differential patterns of expression in bovine brain. Neuron, 1988, 1, 937-947.	8.1	163
117	Induction of c-fos-like protein in spinal cord neurons following sensory stimulation. Nature, 1987, 328, 632-634.	27.8	1,912
118	FURTHER TRANSLATION ERRORS IN BEVERS SAGA. Notes and Queries, 1985, 32, 455-456.	0.0	0
119	Opiate and histamine H1 receptors are present on some substance P-containing dorsal root ganglion cells. Neuroscience Letters, 1985, 53, 133-137.	2.1	59
120	The autoradiographic localization of substance P receptors in the rat and bovine spinal cord and the rat and cat spinal trigeminal nucleus pars caudalis and the effects of neonatal capsaicin. Brain Research, 1985, 332, 315-324.	2.2	75
121	The autoradiographic distribution of kassinin and substance K binding sites is different from the distribution of substance P binding sites in rat brain. European Journal of Pharmacology, 1984, 102, 361-364.	3.5	114
122	Autoradiographic visualization of receptor binding sites for substance P in the gastrointestinal tract of the guinea pig. European Journal of Pharmacology, 1984, 100, 133-134.	3.5	23
123	Substance P receptors: Localization by light microscopic autoradiography in rat brain using [3H]SP as the radioligand. Brain Research, 1984, 307, 147-165.	2.2	213
124	$\hat{l}_{\pm}$ -Bungarotoxin binding sites on sensory neurones and their axonal transport in sensory afferents. Brain Research, 1983, 272, 57-69.	2.2	63
125	Effects of Opiates and Osmotic Stimuli on Rat Neurohypophyseal Metabolic Activity Monitored with [ <sup>3</sup> H]-2-Deoxyglucose. Neuroendocrinology, 1982, 35, 104-110.	2.5	10
126	Separate populations of cholecystokinin and 5-hydroxytryptamine-containing neuronal cells in the rat dorsal raphe, and their contribution to the ascending raphe projections. Neuroscience Letters, 1981, 26, 25-30.	2.1	68

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#	Article	IF	CITATION
127	Displaced ganglion cells and the accessory optic system of pigeon. Journal of Comparative Neurology, 1981, 195, 279-288.	1.6	122
128	Nicotinic receptors in sensory ganglia. Brain Research, 1980, 195, 223-230.	2.2	28
129	Optokinetic Nystagmus and the Accessory Optic System of Pigeon and Turtle. Brain, Behavior and Evolution, 1979, 16, 192-202.	1.7	88
130	Putative acetylcholine receptors in hippocampus and corpus striatum of rat and mouse. Brain Research, 1979, 160, 363-367.	2.2	21
131	Some observations on the binding patterns of $\hat{l}_{\pm}$ -bungarotoxin in the central nervous system of the rat. Brain Research, 1978, 157, 213-232.	2.2	233
132	The electron microscopic autoradiographic localization of $\hat{l}_{\pm}$ -bungarotoxin binding sites within the central nervous system of the rat. Brain Research, 1978, 142, 152-159.	2.2	108