James L Roberts

List of Publications by Year in descending order

95 papers	6,380 citations	61857 43 h-index	66788 78 g-index
97 all docs	97 docs citations	97 times ranked	3659 citing authors

#	Article	IF	Citations
1	Estrogen protects against dopamine neuron toxicity in primary mesencephalic cultures through an indirect P13K/Akt mediated astrocyte pathway. Neuroscience Letters, 2016, 610, 79-85.	1.0	13
2	Activation of Estrogen Receptor Î± Enhances Bradykinin Signaling in Peripheral Sensory Neurons of Female Rats. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 526-532.	1.3	16
3	Bone marrow-derived microglia-based neurturin delivery protects against dopaminergic neurodegeneration in a mouse model of Parkinson's disease. Neuroscience Letters, 2013, 535, 24-29.	1.0	41
4	Retinoic acid protects against proteasome inhibition associated cell death in SH-SY5Y cells via the AKT pathway. Neurochemistry International, 2013, 62, 31-42.	1.9	42
5	Insulin-like growth factor-I mediates neuroprotection in proteasome inhibition-induced cytotoxicity in SH-SY5Y cells. Molecular and Cellular Neurosciences, 2011, 47, 181-190.	1.0	37
6	Androgens exacerbate motor asymmetry in male rats with unilateral 6-hydroxydopamine lesion. Hormones and Behavior, 2011, 60, 617-624.	1.0	32
7	17Î²-Estradiol Rapidly Enhances Bradykinin Signaling in Primary Sensory Neurons In Vitro and In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2010, 335, 190-196.	1.3	24
8	Macrophage-mediated GDNF Delivery Protects Against Dopaminergic Neurodegeneration: A Therapeutic Strategy for Parkinson's Disease. Molecular Therapy, 2010, 18, 1536-1544.	3.7	91
9	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
10	Androgens Induce Dopaminergic Neurotoxicity via Caspase-3-Dependent Activation of Protein Kinase CÎ´. Endocrinology, 2009, 150, 5539-5548.	1.4	67
11	LHRH-(1â€“5): a bioactive peptide regulating reproduction. Trends in Endocrinology and Metabolism, 2007, 18, 386-392.	3.1	23
12	Neuroprotection by estrogen against MPP+-induced dopamine neuron death is mediated by ERÎ± in primary cultures of mouse mesencephalon. Experimental Neurology, 2007, 204, 767-776.	2.0	46
13	CB1-independent inhibition of dopamine transporter activity by cannabinoids in mouse dorsal striatum. Journal of Neurochemistry, 2007, 101, 389-396.	2.1	41
14	Modulation of bradykinin signaling by EP24.15 and EP24.16 in cultured trigeminal ganglia. Journal of Neurochemistry, 2006, 97, 13-21.	2.1	33
15	Facilitation of Lordosis in Rats by a Metabolite of Luteinizing Hormone Releasing Hormone. Endocrinology, 2006, 147, 2544-2549.	1.4	41
16	Ligand-Independent Effects of Estrogen Receptor Î² on Mouse Gonadotropin-Releasing Hormone Promoter Activity. Endocrinology, 2006, 147, 1924-1931.	1.4	35
17	Fine Tuning PDK1 Activity by Phosphorylation at Ser163. Journal of Biological Chemistry, 2006, 281, 21588-21593.	1.6	23
18	Calcium modulates endopeptidase 24.15 (EC 3.4.24.15) membrane association, secondary structure and substrate specificity. FEBS Journal, 2005, 272, 2978-2992.	2.2	18

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19	Stimulation of Luteinizing Hormone-Releasing Hormone (LHRH) Gene Expression in GT1â€“7 Cells by Its Metabolite, LHRH-(1â€“5). Endocrinology, 2005, 146, 280-286.	1.4	31
20	Metalloendopeptidase EC3.4.24.15 is constitutively released from the exofacial leaflet of lipid rafts in GT1-7 cells. Journal of Neurochemistry, 2004, 90, 819-828.	2.1	32
21	The fatty acid synthase inhibitor cerulenin and feeding, like leptin, activate hypothalamic pro-opiomelanocortin (POMC) neurons. Brain Research, 2003, 985, 1-12.	1.1	32
22	EP24.15 is associated with lipid rafts. Journal of Neuroscience Research, 2003, 74, 468-473.	1.3	16
23	Presence of luteinizing hormone-releasing hormone fragments in the rhesus monkey forebrain. Journal of Comparative Neurology, 2001, 439, 491-504.	0.9	39
24	Estrogen and Tamoxifen Differentially Regulate Beta-Endorphin and cFos Expression and Neuronal Colocalization in the Arcuate Nucleus of the Rat. Neuroendocrinology, 2000, 72, 293-305.	1.2	34
25	Effect of N-methyl-d,l-aspartate (NMA) on gonadotropin-releasing hormone (GnRH) gene expression in male mice. Brain Research, 2000, 862, 238-241.	1.1	6
26	The Neuropeptide Processing Enzyme EC 3.4.24.15 Is Modulated by Protein Kinase A Phosphorylation. Journal of Biological Chemistry, 2000, 275, 36514-36522.	1.6	43
27	Mechanisms for the Regulation of Gonadotropin-Releasing Hormone Gene Expression in the Developing Mouse¹. Endocrinology, 1999, 140, 2280-2287.	1.4	66
28	Fasting Regulates Hypothalamic Neuropeptide Y, Agouti-Related Peptide, and Proopiomelanocortin in Diabetic Mice Independent of Changes in Leptin or Insulin1. Endocrinology, 1999, 140, 4551-4557.	1.4	174
29	The association of metalloendopeptidase EC 3.4.24.15 at the extracellular surface of the AtT-20 cell plasma membrane. Brain Research, 1999, 835, 113-124.	1.1	62
30	Differential subcellular distribution of neurolysin (EC 3.4.24.16) and thimet oligopeptidase (EC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	1.1	47
31	Secretion of Metalloendopeptidase 24.15 (EC 3.4.24.15). DNA and Cell Biology, 1999, 18, 781-789.	0.9	54
32	Derivatization of progesterone to a neurally active steroid by pituitary neurointermediate lobe. Steroids, 1998, 63, 579-586.	0.8	1
33	Neuropeptide Specificity and Inhibition of Recombinant Isoforms of the Endopeptidase 3.4.24.16 Family: Comparison with the Related Recombinant Endopeptidase 3.4.24.15. Biochemical and Biophysical Research Communications, 1998, 250, 5-11.	1.0	80
34	The Role of Calcium in the Transcriptional and Posttranscriptional Regulation of the Gonadotropin-Releasing Hormone Gene in GT1â€“7 Cells1. Endocrinology, 1998, 139, 2685-2691.	1.4	14
35	Thiol Activation of Endopeptidase EC 3.4.24.15. Journal of Biological Chemistry, 1997, 272, 17395-17399.	1.6	75
36	Characterization of Multiple Promoters Directing Tissue-Specific Expression of the Human Gonadotropin-Releasing Hormone Gene1. Endocrinology, 1997, 138, 2754-2762.	1.4	33

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37	Glucocorticoid repression of gonadotropin-releasing hormone gene expression and secretion in morphologically distinct subpopulations of GT1-7 cells1Presented in part at the 25th Annual Meeting of the Society for Neuroscience, San Diego, CA. This work was supported by NIH grants DK-47938 (to) Tj ETQq1 1 0.784314 rgBT /Overlock 131, 241-255.	1.2	87
38	Protein synthesis-dependent and -independent mechanisms for the regulation of GnRH RNA transcript levels in GT1 cells. Brain Research, 1997, 752, 294-300.	1.1	8
39	Regulation of Gonadotropin-Releasing Hormone Gene Expressionin Vivoandin Vitro. Frontiers in Neuroendocrinology, 1997, 18, 209-245.	2.5	135
40	Postâ€Transcriptional Regulation of the Gonadotropinâ€Releasing Hormone Gene in GT1â€“7 Cells. Journal of Neuroendocrinology, 1997, 9, 271-277.	1.2	28
41	Endopeptidase EC 3.4.24.15 Presence in the Rat Median Eminence and Hypophysial Portal Blood and its Modulation of the Luteinizing Hormone Surge. Journal of Neuroendocrinology, 1997, 9, 813-822.	1.2	57
42	Dopamine Receptor-Mediated Gene Regulation in the Pituitary. , 1997, , 343-358.		1
43	Characterization of gonadotropin-releasing hormone gene transcripts in a mouse hypothalamic neuronal GT1 cell line. Molecular Brain Research, 1996, 42, 255-262.	2.5	39
44	Gonadotropin-Releasing Hormone and NMDA Receptor Gene Expression and Colocalization Change during Puberty in Female Rats. Journal of Neuroscience, 1996, 16, 5281-5289.	1.7	146
45	Glucocorticoid Repression of the Mouse Gonadotropin-releasing Hormone Gene Is Mediated by Promoter Elements That Are Recognized by Heteromeric Complexes Containing Glucocorticoid Receptor. Journal of Biological Chemistry, 1996, 271, 20412-20420.	1.6	71
46	[17] Strategies for characterizing, cloning, and expressing soluble endopeptidases. Methods in Neurosciences, 1995, 23, 296-316.	0.5	10
47	Loss of heterozygosity at the retinoblastoma locus in human pituitary tumors. Cancer, 1994, 74, 693-696.	2.0	51
48	Second messenger regulation of mouse gonadotropin-releasing hormone gene expression in immortalized mouse hypothalamic GT1â€“3 cells. Molecular and Cellular Endocrinology, 1994, 102, 85-92.	1.6	37
49	Chapter 4 Quantitative analysis of neuronal gene expression. Progress in Brain Research, 1994, 100, 33-37.	0.9	3
50	Molecular and Pharmacological Characterization of GABA_A Receptors in the Rat Pituitary. Journal of Neurochemistry, 1994, 63, 1948-1954.	2.1	32
51	Functional Assessment of Intrahypothalamic Implants of Immortalized Gonadotropin-Releasing Hormone-Secreting Cells in Female Hypogonadal Mice. Cell Transplantation, 1993, 2, 251-257.	1.2	10
52	Multiplex Solution Hybridization-Ribonuclease Protection Assay for Quantitation of Different Ribonucleic Acid Transcripts from Snap-Frozen Neuroendocrine Tissues of Individual Animals. Journal of Neuroendocrinology, 1992, 4, 79-89.	1.2	52
53	Alternative transcripts of the rat and human dopamine D3 receptor. Biochemical and Biophysical Research Communications, 1991, 180, 1031-1035.	1.0	57
54	Either isoform of the dopamine D2 receptor can mediate dopaminergic repression of the rat prolactin promoter. Molecular and Cellular Endocrinology, 1991, 79, R1-R7.	1.6	27

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55	Endopeptidase-24.15 in rat hypothalamic/pituitary/gonadal axis. Molecular and Cellular Endocrinology, 1991, 76, 95-103.	1.6	23
56	Distribution of dopamine D2 receptor mRNA splice variants in the rat by solution mhybridization/protection assay. Neuroscience Letters, 1991, 122, 37-40.	1.0	41
57	Postnatal Development of Gonadotropin-Releasing Hormone and Cyclophilin Gene Expression in the Female and Male Rat Brain*. Endocrinology, 1991, 128, 2702-2708.	1.4	93
58	Gonadotropin-Releasing Hormone and Chorionic Gonadotropin Gene Expression in Human Placental Development. DNA and Cell Biology, 1991, 10, 411-421.	0.9	43
59	Adrenocorticotropin-Releasing Factor Down-Regulates Glucocorticoid Receptor Expression in Mouse Corticotrope Tumor Cells via an Adenylate Cyclase-Dependent Mechanism*. Endocrinology, 1991, 129, 663-670.	1.4	23
60	Developmental Changes in Levels of Proopiomelanocortin Intron A-Containing Heterogeneous Nuclear RNA and Mature Messenger RNA in the Anterior and Neurointermediate Lobes of the Rat Pituitary. Molecular Endocrinology, 1990, 4, 812-820.	3.7	12
61	Corticotropin-Releasing Factor Differentially Regulates Anterior and Intermediate Pituitary Lobe Proopiomelanocortin Gene Transcription, Nuclear Precursor RNA and Mature mRNA in vivo. Neuroendocrinology, 1990, 51, 123-130.	1.2	74
62	Molecular cloning and primary structure of rat testes metalloendopeptidase EC 3.4.24.15. Biochemistry, 1990, 29, 10323-10329.	1.2	130
63	Immortalization of hypothalamic GnRH by genetically targeted tumorigenesis. Neuron, 1990, 5, 1-10.	3.8	989
64	DNA sequences required for expression of the LHÎ2 promoter in primary cultures of rat pituitary cells. Molecular and Cellular Endocrinology, 1990, 74, 101-107.	1.6	18
65	Androgen Regulation of Proopiomelanocortin Gene Expression and Peptide Content in the Basal Hypothalamus*. Endocrinology, 1989, 124, 2283-2288.	1.4	65
66	Gonadotropin Regulation of the Rat Proopiomelanocortin Promoter: Characterization by Transfection of Primary Ovarian Granulosa Cells. Molecular Endocrinology, 1989, 3, 15-21.	3.7	25
67	Analysis of Proopiomelanocortin Gene Expression during Prenatal Development of the Rat Pituitary Gland. Molecular Endocrinology, 1989, 3, 1313-1324.	3.7	62
68	Intervening sequence-specific in situ hybridization: detection of the pro-opiomelanocortin gene primary transcript in individual neurons. Molecular Brain Research, 1989, 6, 197-201.	2.5	39
69	Estradiol stimulates preoptic area-anterior hypothalamic proGnRH-GAP gene expression in ovariectomized rats. Molecular Brain Research, 1989, 6, 127-134.	2.5	92
70	Dopamine D2-receptor messenger RNA is differentially regulated by dopaminergic agents in rat anterior and neurointermediate pituitary. Molecular and Cellular Endocrinology, 1989, 67, 101-105.	1.6	52
71	Modulation of Basal and Corticotropin-Releasing Factor- Stimulated Proopiomelanocortin Gene Expression by Vasopressin in Rat Anterior Pituitary*. Endocrinology, 1989, 125, 2957-2966.	1.4	93
72	Quantitation of Nuclear Low-Level Gene Expression in Central Nervous System Using Solution Hybridization and in Situ Hybridization. Methods in Neurosciences, 1989, 1, 293-303.	0.5	9

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73	Regulation of Proopiomelanocortin Gene Expression in Pituitary. Endocrine Reviews, 1988, 9, 135-158.	8.9	245
74	Stimulation of Pituitary Luteinizing Hormone Secretion by Gonadotropin-Releasing Hormone is Not Coupled to Î²-Luteinizing Hormone Gene Transcription. Molecular Endocrinology, 1988, 2, 1033-1042.	3.7	60
75	Hormonal Regulation of POMC Gene Expression in Pituitary. Annals of the New York Academy of Sciences, 1987, 512, 275-285.	1.8	43
76	Complex Transcriptional Regulation by Glucocorticoids and Corticotropin-Releasing Hormone of Proopiomelanocortin Gene Expression in Rat Pituitary Cultures. DNA and Cell Biology, 1987, 6, 483-492.	5.1	106
77	[35] In Situ cDNA;mRNA hybridization: Development of technique to measure mRNA levels in individual cells. Methods in Enzymology, 1986, 124, 510-533.	0.4	50
78	The Regulation of Granulosa Cell Proopiomelanocortin Messenger Ribonucleic Acid by Androgens and Gonadotropins*. Endocrinology, 1986, 119, 2082-2088.	1.4	52
79	The Regulation of Proopiomelanocortin Gene Expression by Estrogen in the Rat Hypothalamus. , 1986, , 261-270.		6
80	Corticotrope Response to Removal of Releasing Factors and Corticosteroids in Vivo*. Endocrinology, 1985, 117, 2190-2197.	1.4	104
81	Estrogen Decreases Rat Hypothalamic Proopiomelanocortin Messenger Ribonucleic Acid Levels*. Endocrinology, 1985, 117, 2392-2396.	1.4	173
82	The Biosynthesis of Peptide Hormones. , 1984, , 99-117.		0
83	Identification of proopiomelanocortin neurones in rat hypothalamus by in situ cDNA-mRNA hybridization. Nature, 1983, 306, 374-376.	13.7	284
84	In SituHybridization Histochemistry: A Technique for the Study of Gene Expression in Single Cells. DNA and Cell Biology, 1983, 2, 157-163.	5.1	134
85	Analysis of Pro-opiomelancortin Gene Structure and Function. DNA and Cell Biology, 1983, 2, 1-8.	5.1	29
86	DIFFERENTIAL REGULATION BY GLUCOCORTICOIDS OF PROOPIOMELANOCORTIN mRNA LEVELS IN THE ANTERIOR AND INTERMEDIATE LOBES OF THE RAT PITUITARY. Endocrinology, 1982, 110, 1442-1444.	1.4	130
87	Peptide hormone gene expression in heterogeneous tissues â€" The pro-opiomelanocortin system. Trends in Neurosciences, 1982, 5, 314-317.	4.2	9
88	Evidence for a Signal Sequence at the N Terminus of the Common Precursor to Adrenocorticothrophin and beta-Lipotropin in Mouse Pituitary Cells. FEBS Journal, 1981, 116, 255-259.	0.2	12
89	The proopiocortin (adrenocorticotropin/?-lipotropin) gene is located on chromosome 2 in humans. Somatic Cell Genetics, 1981, 7, 359-369.	2.7	48
90	Expression of cloned Î²-endorphin gene sequences by Escherichia coli. Nature, 1980, 285, 456-461.	13.7	71

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91	PRESENCE OF A PRE-SEQUENCE (SIGNAL SEQUENCE) IN THE COMMON PRECURSOR TO ACTH AND ENDORPHIN AND THE ROLE OF GLYCOSYLATION IN PROCESSING OF THE PRECURSOR AND SECRETION OF ACTH AND ENDORPHIN. Annals of the New York Academy of Sciences, 1980, 343, 79-93.	1.8	45
92	Selective reduction of proadrenocorticotropin/endorphin proteins and messenger ribonucleic acid activity in mouse pituitary tumor cells by glucocorticoids. Biochemistry, 1979, 18, 4907-4915.	1.2	93
93	Steps involved in the processing of common precursor forms of adrenocorticotropin and endorphin in cultures of mouse pituitary cells. Biochemistry, 1978, 17, 3609-3618.	1.2	206
94	Spore Formation by Bacillus subtilis in Peptone Solutions Altered by Treatment with Activated Charcoal. Journal of Bacteriology, 1942, 44, 653-659.	1.0	33
95	Characterization of Multiple Promoters Directing Tissue-Specific Expression of the Human Gonadotropin-Releasing Hormone Gene. , 0, .		19