# Stanley J Watson

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 388 papers | 45,175 citations | 1097 112 h-index | 2381 198 g-index |
| 400 all docs | 400 docs citations | 400 times ranked | 30726 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evolving gene/transcript definitions significantly alter the interpretation of GeneChip data. Nucleic Acids Research, 2005, 33, e175-e175. | 6.5 | 1,654 |
| 2 | Genome-wide association study identifies 30 loci associated with bipolar disorder. Nature Genetics, 2019, 51, 793-803. | 9.4 | 1,191 |
| 3 | Endogenous Opioids: Biology and Function. Annual Review of Neuroscience, 1984, 7, 223-255. | 5.0 | 1,136 |
| 4 | Opioid-receptor mRNA expression in the rat CNS: anatomical and functional implications. Trends in Neurosciences, 1995, 18, 22-29. | 4.2 | 1,119 |
| 5 | Anatomy of CNS opioid receptors. Trends in Neurosciences, 1988, 11, 308-314. | 4.2 | 1,078 |
| 6 | Pattern and time course of immediate early gene expression in rat brain following acute stress. Neuroscience, 1995, 64, 477-505. | 1.1 | 953 |
| 7 | Mu, delta, and kappa opioid receptor mRNA expression in the rat CNS: An in situ hybridization study. Journal of Comparative Neurology, 1994, 350, 412-438. | 0.9 | 774 |
| 8 | Autoradiographic differentiation of mu, delta, and kappa opioid receptors in the rat forebrain and midbrain. Journal of Neuroscience, 1987, 7, 2445-64. | 1.7 | 772 |
| 9 | Molecular cloning, expression, and gene localization of a fourth melanocortin receptor. Journal of Biological Chemistry, 1993, 268, 15174-9. | 1.6 | 631 |
| 10 | Regulation of Serotonin1A, Glucocorticoid, and Mineralocorticoid Receptor in Rat and Human Hippocampus: Implications for the Neurobiology of Depression. Biological Psychiatry, 1998, 43, 547-573. | 0.7 | 625 |
| 11 | Altered cortical glutamatergic and GABAergic signal transmission with glial involvement in depression. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15653-15658. | 3.3 | 577 |
| 12 | Ventral subicular interaction with the hypothalamic paraventricular nucleus: Evidence for a relay in the bed nucleus of the stria terminalis. Journal of Comparative Neurology, 1993, 332, 1-20. | 0.9 | 540 |
| 13 | Molecular cloning of a novel melanocortin receptor. Journal of Biological Chemistry, 1993, 268, 8246-50. | 1.6 | 497 |
| 14 | Circadian patterns of gene expression in the human brain and disruption in major depressive disorder. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9950-9955. | 3.3 | 477 |
| 15 | Coaggregation, Cointernalization, and Codesensitization of Adenosine A2A Receptors and Dopamine D2Receptors. Journal of Biological Chemistry, 2002, 277, 18091-18097. | 1.6 | 450 |
| 16 | Localization of dopamine D2 receptor mRNA and D1 and D2 receptor binding in the rat brain and pituitary: an in situ hybridization- receptor autoradiographic analysis. Journal of Neuroscience, 1990, 10, 2587-2600. | 1.7 | 447 |
| 17 | Evidence for hippocampal regulation of neuroendocrine neurons of the hypothalamo-pituitary-adrenocortical axis. Journal of Neuroscience, 1989, 9, 3072-3082. | 1.7 | 440 |
| 18 | Dynorphin and vasopressin: common localization in magnocellular neurons. Science, 1982, 216, 85-87. | 6.0 | 433 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Evidence for two separate opiate peptide neuronal systems. Nature, 1978, 275, 226-228. | 13.7 | 424 |
| 20 | Cloning and pharmacological characterization of a rat Î¼ opioid receptor. Neuron, 1993, 11, 903-913. | 3.8 | 420 |
| 21 | Anatomy of the CNS opioid systems. Trends in Neurosciences, 1985, 8, 111-119. | 4.2 | 399 |
| 22 | Comparative anatomical distribution of 5-HT1A receptor mRNA and 5-HT1A binding in rat brain â€" a combined in situ hybridisation/in vitro receptor autoradiographic study. Brain Research, 1991, 561, 51-60. | 1.1 | 362 |
| 23 | Dysregulation of the fibroblast growth factor system in major depression. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15506-15511. | 3.3 | 356 |
| 24 | Anatomy of an Endogenous Antagonist: Relationship between Agouti-Related Protein and Proopiomelanocortin in Brain. Journal of Neuroscience, 1999, 19, RC26-RC26. | 1.7 | 333 |
| 25 | Cloning and pharmacological characterization of a rat kappa opioid receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 9954-9958. | 3.3 | 332 |
| 26 | Rare coding variants in ten genes confer substantial risk for schizophrenia. Nature, 2022, 604, 509-516. | 13.7 | 326 |
| 27 | Neural circuits mediating stress. Biological Psychiatry, 1999, 46, 1461-1471. | 0.7 | 324 |
| 28 | Behavioral neurochemistry: neuroregulators and behavioral states. Science, 1978, 200, 964-973. | 6.0 | 321 |
| 29 | Altered expression of glutamate signaling, growth factor, and glia genes in the locus coeruleus of patients with major depression. Molecular Psychiatry, 2011, 16, 634-646. | 4.1 | 313 |
| 30 | Dynorphin immunocytochemistry in the rat central nervous system. Peptides, 1982, 3, 941-954. | 1.2 | 305 |
| 31 | Localization and Regulation of Glucocorticoid and Mineralocorticoid Receptor Messenger RNAs in the Hippocampal Formation of the Rat. Molecular Endocrinology, 1989, 3, 1886-1894. | 3.7 | 303 |
| 32 | An Animal Model of Genetic Vulnerability to Behavioral Disinhibition and Responsiveness to Reward-Related Cues: Implications for Addiction. Neuropsychopharmacology, 2010, 35, 388-400. | 2.8 | 303 |
| 33 | Delayed effects of chronic variable stress during peripubertal-juvenile period on hippocampal morphology and on cognitive and stress axis functions in rats. Hippocampus, 2004, 14, 636-648. | 0.9 | 298 |
| 34 | Effect of agonal and postmortem factors on gene expression profile: quality control in microarray analyses of postmortem human brain. Biological Psychiatry, 2004, 55, 346-352. | 0.7 | 294 |
| 35 | Î¼-Opioid receptor mRNA expression in the rat CNS: comparison to Î¼-receptor binding. Brain Research, 1994, 643, 245-265. | 1.1 | 289 |
| 36 | Identification of proopiomelanocortin neurones in rat hypothalamus by in situ cDNA-mRNA hybridization. Nature, 1983, 306, 374-376. | 13.7 | 284 |

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|---|---|---|---|
| 37 | Enkephalin systems in diencephalon and brainstem of the rat. Journal of Comparative Neurology, 1983, 220, 310-320. | 0.9 | 278 |
| 38 | Differential Distribution and Regulation of OX1 and OX2 Orexin/Hypocretin Receptor Messenger RNA in the Brain upon Fasting. Hormones and Behavior, 2000, 37, 335-344. | 1.0 | 276 |
| 39 | Genome-wide association and meta-analysis of bipolar disorder in individuals of European ancestry. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7501-7506. | 3.3 | 274 |
| 40 | Cocaine, Ethanol, and Genotype Effects on Human Midbrain Serotonin Transporter Binding Sites and mRNA Levels. American Journal of Psychiatry, 1998, 155, 207-213. | 4.0 | 274 |
| 41 | Comparison of the distribution of dynorphin systems and enkephalin systems in brain. Science, 1982, 218, 1134-1136. | 6.0 | 270 |
| 42 | Distribution of Î±1a-, Î±1b- and Î±1d-adrenergic receptor mRNA in the rat brain and spinal cord. Journal of Chemical Neuroanatomy, 1997, 13, 115-139. | 1.0 | 269 |
| 43 | Social Stress in Hamsters: Defeat Activates Specific Neurocircuits within the Brain. Journal of Neuroscience, 1997, 17, 8842-8855. | 1.7 | 267 |
| 44 | Mitochondrial involvement in psychiatric disorders. Annals of Medicine, 2008, 40, 281-295. | 1.5 | 265 |
| 45 | Serotonin 5-HT1A, 5-HT1B, and 5-HT2A receptor mRNA expression in subjects with major depression, bipolar disorder, and schizophrenia. Biological Psychiatry, 2004, 55, 225-233. | 0.7 | 256 |
| 46 | Elicitation and reduction of fear: behavioural and neuroendocrine indices and brain induction of the immediate-early gene c-fos. Neuroscience, 1997, 78, 1087-1104. | 1.1 | 252 |
| 47 | The cloned Î¼, Î´ and Îº receptors and their endogenous ligands: Evidence for two opioid peptide recognition cores. Brain Research, 1995, 700, 89-98. | 1.1 | 250 |
| 48 | Individual differences in the propensity to approach signals vs goals promote different adaptations in the dopamine system of rats. Psychopharmacology, 2007, 191, 599-607. | 1.5 | 247 |
| 49 | Dopamine Receptor mRNA Expression in Human Striatum and Neocortex. Neuropsychopharmacology, 1996, 15, 17-29. | 2.8 | 238 |
| 50 | Systematic changes in gene expression in postmortem human brains associated with tissue pH and terminal medical conditions. Human Molecular Genetics, 2004, 13, 609-616. | 1.4 | 237 |
| 51 | Primary structure and tissue distribution of the orphanin FQ precursor.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8677-8682. | 3.3 | 235 |
| 52 | Gene expression of prohormone and proprotein convertases in the rat CNS: a comparative in situ hybridization analysis. Journal of Neuroscience, 1993, 13, 1258-1279. | 1.7 | 234 |
| 53 | Glucocorticoid receptor overexpression in forebrain: A mouse model of increased emotional lability. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11851-11856. | 3.3 | 229 |
| 54 | Corticosteroids regulate brain hippocampal 5-HT1A receptor mRNA expression. Journal of Neuroscience, 1993, 13, 914-923. | 1.7 | 228 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Immunocytochemical localization of methionine enkephalin: Preliminary observations. Life Sciences, 1977, 21, 733-738. | 2.0 | 225 |
| 56 | Amphetamine-Induced Behavior, Dopamine Release, and c-fosmRNA Expression: Modulation by Environmental Novelty. Journal of Neuroscience, 1998, 18, 10579-10593. | 1.7 | 217 |
| 57 | Cloning and expression of a protein-tyrosine-phosphatase.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 1501-1505. | 3.3 | 213 |
| 58 | Interaction between Î±-Melanocyte-Stimulating Hormone and Corticotropin-Releasing Hormone in the Regulation of Feeding and Hypothalamo-Pituitary-Adrenal Responses. Journal of Neuroscience, 2003, 23, 7863-7872. | 1.7 | 207 |
| 59 | Gender-Specific Gene Expression in Post-Mortem Human Brain: Localization to Sex Chromosomes. Neuropsychopharmacology, 2004, 29, 373-384. | 2.8 | 206 |
| 60 | Individual differences in the attribution of incentive salience to a reward-related cue: Influence on cocaine sensitization. Behavioural Brain Research, 2008, 186, 48-56. | 1.2 | 206 |
| 61 | Involvement of the Bed Nucleus of the Stria Terminalis in Tonic Regulation of Paraventricular Hypothalamic CRH and AVP mRNA Expression. Journal of Neuroendocrinology, 1994, 6, 433-442. | 1.2 | 204 |
| 62 | Neuroendocrine and Behavioral Responses and Brain Pattern of c-fos Induction Associated with Audiogenic Stress. Journal of Neuroendocrinology, 2003, 9, 577-588. | 1.2 | 197 |
| 63 | Vasopressin mRNA regulation in individual hypothalamic nuclei: a northern and in situ hybridization analysis. Journal of Neuroscience, 1986, 6, 1685-1694. | 1.7 | 192 |
| 64 | Distribution of D2 dopamine receptor mRNA in rat brain.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 7625-7628. | 3.3 | 189 |
| 65 | Mitochondrial Variants in Schizophrenia, Bipolar Disorder, and Major Depressive Disorder. PLoS ONE, 2009, 4, e4913. | 1.1 | 187 |
| 66 | Selective Breeding for Divergence in Novelty-seeking Traits: Heritability and Enrichment in Spontaneous Anxiety-related Behaviors. Behavior Genetics, 2006, 36, 697-712. | 1.4 | 186 |
| 67 | Marijuana and Medicine: Assessing the Science Base: A Summary of the 1999 Institute of Medicine Report. Archives of General Psychiatry, 2000, 57, 547-552. | 13.8 | 186 |
| 68 | Physiological and Anatomical Circuitry between Agouti-Related Protein and Leptin Signaling*. Endocrinology, 1999, 140, 2387-2397. | 1.4 | 184 |
| 69 | The comparative distribution of enkephalin, dynorphin and substance P in the human globus pallidus and basal forebrain. Neuroscience, 1985, 14, 1011-1024. | 1.1 | 177 |
| 70 | Contribution of the Ventral Subiculum to Inhibitory Regulation of the Hypothalamo-Pituitary-Adrenocortical Axis. Journal of Neuroendocrinology, 1995, 7, 475-482. | 1.2 | 175 |
| 71 | A comparison of D1 receptor binding and mRNA in rat brain using receptor autoradiographic and in situ hybridization techniques. Neuroscience, 1992, 46, 959-971. | 1.1 | 174 |
| 72 | Differential expression of protein phosphatase 1 isoforms in mammalian brain. Journal of Neuroscience, 1995, 15, 3375-3389. | 1.7 | 171 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Cellular localization and distribution of the cloned mu and kappa opioid receptors in rat gastrointestinal tract. Neuroscience, 1997, 81, 579-591. | 1.1 | 166 |
| 74 | Individual Differences in Cue-Induced Motivation and Striatal Systems in Rats Susceptible to Diet-Induced Obesity. Neuropsychopharmacology, 2015, 40, 2113-2123. | 2.8 | 164 |
| 75 | Mitochondrial-related gene expression changes are sensitive to agonal-pH state: implications for brain disorders. Molecular Psychiatry, 2006, 11, 663-679. | 4.1 | 162 |
| 76 | A comparison of D1 receptor binding and mRNA in rat brain using receptor autoradiographic and in situ hybridization techniques. Neuroscience, 1991, 45, 359-371. | 1.1 | 161 |
| 77 | Dynorphin immunocytochemical localization in brain and peripheral nervous system: preliminary studies.. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 1260-1263. | 3.3 | 160 |
| 78 | Circadian dysregulation of clock genes: clues to rapid treatments in major depressive disorder. Molecular Psychiatry, 2015, 20, 48-55. | 4.1 | 157 |
| 79 | Opiate binding properties of naturally occurring N- and C-Terminus modified beta-endorphins. Peptides, 1981, 2, 289-292. | 1.2 | 156 |
| 80 | Dopamine Receptor Gene Expression in the Human Medial Temporal Lobe. Neuropsychopharmacology, 1994, 10, 239-248. | 2.8 | 156 |
| 81 | Fos expression in forebrain afferents to the hypothalamic paraventricular nucleus following swim stress. Journal of Comparative Neurology, 1996, 368, 88-99. | 0.9 | 156 |
| 82 | Distribution of D5 dopamine receptor mRNA in rat brain. Neuroscience Letters, 1992, 145, 209-212. | 1.0 | 155 |
| 83 | Pharmacological and anatomical evidence of selective Î¼, Î´, and Ï‡ opioid receptor binding in rat brain. Brain Research, 1986, 399, 69-79. | 1.1 | 154 |
| 84 | Evidence that Î²-endorphin is synthesized in cells in the nucleus tractus solitarius: detection of POMC mRNA. Brain Research, 1992, 587, 269-275. | 1.1 | 153 |
| 85 | Dopamine receptor mRNA expression patterns by opioid peptide cells in the nucleus accumbens of the rat: A double in situ hybridization study. Journal of Comparative Neurology, 1995, 361, 57-76. | 0.9 | 153 |
| 86 | Regulatory Mechanisms of Corticotropin-Releasing Hormone and Vasopressin Gene Expression in the Hypothalamus. Journal of Neuroendocrinology, 2004, 16, 348-355. | 1.2 | 152 |
| 87 | Endogenous opioids: overview and current issues. Drug and Alcohol Dependence, 1998, 51, 127-140. | 1.6 | 151 |
| 88 | Î¹1 Receptor mRNA Distribution in the Rat CNS: Comparison to Î¹ Receptor Binding and Prodynorphin mRNA. Molecular and Cellular Neurosciences, 1994, 5, 124-144. | 1.0 | 149 |
| 89 | Social defeat alters the acquisition of cocaine self-administration in rats: role of individual differences in cocaine-taking behavior. Psychopharmacology, 2001, 158, 382-387. | 1.5 | 149 |
| 90 | Telencephalic enkephalinergic systems in the rat brain. Journal of Neuroscience, 1983, 3, 844-855. | 1.7 | 143 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Molecular Cloning of a Mineralocorticoid (Type I) Receptor Complementary DNA from Rat Hippocampus. Molecular Endocrinology, 1989, 3, 1877-1885. | 3.7 | 143 |
| 92 | Brainstem Substrates of Sympatho-Motor Circuitry Identified Using Trans-Synaptic Tracing with Pseudorabies Virus Recombinants. Journal of Neuroscience, 2003, 23, 4657-4666. | 1.7 | 142 |
| 93 | Immunohistochemical localization of the cloned Î¹1 receptor in the rat CNS and pituitary. Neuroscience, 1996, 71, 671-690. | 1.1 | 141 |
| 94 | Distribution of opioid peptides in the preoptic region: Immunohistochemical evidence for a steroid-sensitive enkephalin sexual dimorphism. Journal of Comparative Neurology, 1988, 276, 442-459. | 0.9 | 140 |
| 95 | Coordinate Expression of Hypothalamic Pro-Dynorphin and Pro-Vasopressin mRNAs with Osmotic Stimulation. Neuroendocrinology, 1986, 44, 222-228. | 1.2 | 138 |
| 96 | In SituHybridization Analysis of Arginine Vasopressin Gene Transcription Using Intron-Specific Probes. Molecular Endocrinology, 1991, 5, 1447-1456. | 3.7 | 137 |
| 97 | The Fibroblast Growth Factor Family: Neuromodulation of Affective Behavior. Neuron, 2012, 76, 160-174. | 3.8 | 137 |
| 98 | Relation between the Hypothalamic-Pituitary-Thyroid (HPT) Axis and the Hypothalamic-Pituitary-Adrenal (HPA) Axis during Repeated Stress. Neuroendocrinology, 2005, 81, 183-192. | 1.2 | 136 |
| 99 | Spongiform Degeneration in mahoganoid Mutant Mice. Science, 2003, 299, 710-712. | 6.0 | 135 |
| 100 | Microarray Technology: A Review of New Strategies to Discover Candidate Vulnerability Genes in Psychiatric Disorders. American Journal of Psychiatry, 2003, 160, 657-666. | 4.0 | 134 |
| 101 | A food predictive cue must be attributed with incentive salience for it to induce c-fos mRNA expression in cortico-striatal-thalamic brain regions. Neuroscience, 2011, 196, 80-96. | 1.1 | 134 |
| 102 | A New Role for FGF2 as an Endogenous Inhibitor of Anxiety. Journal of Neuroscience, 2009, 29, 6379-6387. | 1.7 | 132 |
| 103 | Delta opioid receptor mRNA distribution in the brain: Comparison to delta receptor binding and proenkephalin mRNA. Journal of Chemical Neuroanatomy, 1993, 6, 351-362. | 1.0 | 131 |
| 104 | Localization of orphanin FQ (nociceptin) peptide and messenger RNA in the central nervous system of the rat. Journal of Comparative Neurology, 1999, 406, 503-47. | 0.9 | 131 |
| 105 | Selective forebrain fiber tract lesions implicate ventral hippocampal structures in tonic regulation of paraventricular nucleus corticotropin-releasing hormone (CRH) and arginine vasopressin (AVP) mRNA expression. Brain Research, 1992, 592, 228-238. | 1.1 | 129 |
| 106 | Hormonal Evidence for Altered Responsiveness to Social Stress in Major Depression. Neuropsychopharmacology, 2000, 23, 411-418. | 2.8 | 129 |
| 107 | A biochemical function for attractin in agouti-induced pigmentation and obesity. Nature Genetics, 2001, 27, 40-47. | 9.4 | 129 |
| 108 | Primary astroglial cultures derived from several rat brain regions differentially express Î¼, Î´ and Îº opioid receptor mRNA. Molecular Brain Research, 1995, 34, 209-220. | 2.5 | 125 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Persistent Alterations in Cognitive Function and Prefrontal Dopamine D2 Receptors Following Extended, but Not Limited, Access to Self-Administered Cocaine. Neuropsychopharmacology, 2008, 33, 2969-2980. | 2.8 | 122 |
| 110 | Antecedents and consequences of drug abuse in rats selectively bred for high and low response to novelty. Neuropharmacology, 2014, 76, 425-436. | 2.0 | 121 |
| 111 | Opioid peptide immunoreactivity in spinal and trigeminal dorsal horn neurons projecting to the parabrachial nucleus in the rat. Journal of Neuroscience, 1986, 6, 1220-1226. | 1.7 | 117 |
| 112 | Direct Evidence of Nitric Oxide Presence within Mitochondria. Biochemical and Biophysical Research Communications, 2000, 272, 129-133. | 1.0 | 116 |
| 113 | Analysis of miR-137 expression and rs1625579 in dorsolateral prefrontal cortex. Journal of Psychiatric Research, 2013, 47, 1215-1221. | 1.5 | 116 |
| 114 | Novelty-seeking behavior predicts vulnerability in a rodent model of depression. Physiology and Behavior, 2011, 103, 210-216. | 1.0 | 114 |
| 115 | Environmental modulation of amphetamine-induced c-fos expression in D1 versus D2 striatal neurons. Behavioural Brain Research, 1999, 103, 203-209. | 1.2 | 113 |
| 116 | The Fibroblast Growth Factor System and Mood Disorders. Biological Psychiatry, 2006, 59, 1128-1135. | 0.7 | 112 |
| 117 | Antidepressant-like effects of intracerebroventricular FGF2 in rats. Brain Research, 2008, 1224, 63-68. | 1.1 | 112 |
| 118 | Methodological considerations for gene expression profiling of human brain. Journal of Neuroscience Methods, 2007, 163, 295-309. | 1.3 | 111 |
| 119 | Opioid receptor-like (ORL1) receptor distribution in the rat central nervous system: comparison of ORL1 receptor mRNA expression with (125)I-[(14)Tyr]-orphanin FQ binding. Journal of Comparative Neurology, 1999, 412, 563-605. | 0.9 | 108 |
| 120 | Distinct neurochemical populations in the rat central nucleus of the amygdala and bed nucleus of the stria terminalis: evidence for their selective activation by interleukin-1beta. Journal of Comparative Neurology, 1999, 413, 113-28. | 0.9 | 108 |
| 121 | Psychomotor stimulant- and opiate-induced c-fos mRNA expression patterns in the rat forebrain: Comparisons between acute drug treatment and a drug challenge in sensitized animals. Neurochemical Research, 1996, 21, 1425-1435. | 1.6 | 105 |
| 122 | Amphetamine and cocaine induce different patterns of c-fosmRNA expression in the striatum and subthalamic nucleus depending on environmental context. European Journal of Neuroscience, 2001, 13, 1977-1983. | 1.2 | 105 |
| 123 | Key Residues Defining the Î¼â€Opioid Receptor Binding Pocket: A Siteâ€Directed Mutagenesis Study. Journal of Neurochemistry, 1997, 68, 344-353. | 2.1 | 105 |
| 124 | Maternal deprivation regulates serotonin 1A and 2A receptors in the infant rat. Brain Research, 2000, 855, 76-82. | 1.1 | 102 |
| 125 | Environmental Novelty Differentially Affects c-fosmRNA Expression Induced by Amphetamine or Cocaine in Subregions of the Bed Nucleus of the Stria Terminalis and Amygdala. Journal of Neuroscience, 2001, 21, 732-740. | 1.7 | 102 |
| 126 | Î²-endorphin immunoreactivity in rat and human blood: Radioimmunoassay, comparative levels and physiological alterations. Life Sciences, 1979, 24, 1659-1665. | 2.0 | 101 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Evaluation of Affymetrix Gene Chip sensitivity in rat hippocampal tissue using SAGE analysis*. European Journal of Neuroscience, 2002, 16, 409-413. | 1.2 | 101 |
| 128 | Differential Expression of câ€•fos mRNA Within Neurocircuits of Male Hamsters Exposed to Acute or Chronic Defeat. Journal of Neuroendocrinology, 1999, 11, 547-559. | 1.2 | 100 |
| 129 | Nociceptin/orphanin FQ regulates neuroendocrine function of the limbicâ€“hypothalamicâ€“pituitaryâ€“adrenal axis. Neuroscience, 2001, 102, 541-553. | 1.1 | 100 |
| 130 | Regulation of hypothalamic magnocellular neuropeptides and their mRNAs in the Brattleboro rat: coordinate responses to further osmotic challenge. Journal of Neuroscience, 1988, 8, 3785-3796. | 1.7 | 99 |
| 131 | Differential Regulation of Corticotropin-Releasing Hormone and Vasopressin Gene Transcription in the Hypothalamus by Norepinephrine. Journal of Neuroscience, 1999, 19, 5464-5472. | 1.7 | 99 |
| 132 | Chronic electroconvulsive shock treatment elicits up-regulation of CRF and AVP mRNA in select populations of neuroendocrine neurons. Brain Research, 1989, 501, 235-246. | 1.1 | 98 |
| 133 | Transcriptional Profiling of the Developing Rat Brain Reveals That the Most Dramatic Regional Differentiation in Gene Expression Occurs Postpartum. Journal of Neuroscience, 2006, 26, 345-353. | 1.7 | 95 |
| 134 | Lateral hypothalamic innervation of the cerebral cortex: Immunoreactive staining for a peptide resembling but immunochemically distinct from pituitary/arcuate Î±-melanocyte stimulating hormone. Brain Research Bulletin, 1986, 16, 107-120. | 1.4 | 93 |
| 135 | Expression of Î±<sub>1b</sub>Adrenoceptor mRNA in Corticotropin-Releasing Hormone-Containing Cells of the Rat Hypothalamus and Its Regulation by Corticosterone. Journal of Neuroscience, 1999, 19, 10098-10106. | 1.7 | 93 |
| 136 | Estrogen receptor Î² in the paraventricular nucleus of hypothalamus regulates the neuroendocrine response to stress and is regulated by corticosterone. Neuroscience, 2003, 121, 837-845. | 1.1 | 93 |
| 137 | Glucocorticoid and mineralocorticoid receptor expression in the human hippocampus in major depressive disorder. Journal of Psychiatric Research, 2013, 47, 307-314. | 1.5 | 93 |
| 138 | Direct evidence that the glucocorticoid receptor binds to hsp90 at or near the termination of receptor translation in vitro. Journal of Biological Chemistry, 1989, 264, 19815-21. | 1.6 | 93 |
| 139 | The Role of Mineralocorticoid Receptors in Hypothalamic-Pituitary-Adrenal Axis Regulation in Humans<sup>1</sup>. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 3339-3345. | 1.8 | 92 |
| 140 | Molecular Analysis of the X11â€“mLin-2/CASK Complex in Brain. Journal of Neuroscience, 1999, 19, 1307-1316. | 1.7 | 92 |
| 141 | Socially-induced brain â€˜fertilizationâ€™: play promotes brain derived neurotrophic factor transcription in the amygdala and dorsolateral frontal cortex in juvenile rats. Neuroscience Letters, 2003, 341, 17-20. | 1.0 | 92 |
| 142 | Detection of proopiomelanocortin mRNA by in situ hybridization with an oligonucleotide probe.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 5419-5423. | 3.3 | 90 |
| 143 | Environmental context modulates the ability of cocaine and amphetamine to induce c-fos mRNA expression in the neocortex, caudate nucleus, and nucleus accumbens. Brain Research, 2001, 920, 106-116. | 1.1 | 90 |
| 144 | Dopaminergic Regulation of Progesterone Receptors: Brain D5 Dopamine Receptors Mediate Induction of Lordosis by D1-Like Agonists in Rats. Journal of Neuroscience, 1996, 16, 4823-4834. | 1.7 | 88 |

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|---|---|---|---|
| 145 | Evolutionary Sequence Modeling for Discovery of Peptide Hormones. PLoS Computational Biology, 2009, 5, e1000258. | 1.5 | 88 |
| 146 | Peptidic delta opioid receptor agonists produce antidepressant-like effects in the forced swim test and regulate BDNF mRNA expression in rats. Brain Research, 2006, 1069, 172-181. | 1.1 | 87 |
| 147 | A Chimeric Study of the Molecular Basis of Affinity and Selectivity of the Î¹ and the Î´ Opioid Receptors.. Journal of Biological Chemistry, 1995, 270, 12730-12736. | 1.6 | 86 |
| 148 | Estrogen receptor Î± and Î²2 mRNA expressions by proliferating and differentiating cells in the adult rat dentate gyrus and subventricular zone. Neuroscience, 2005, 134, 847-856. | 1.1 | 86 |
| 149 | Fibroblast growth factor-2 (FGF2) augmentation early in life alters hippocampal development and rescues the anxiety phenotype in vulnerable animals. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8021-8025. | 3.3 | 86 |
| 150 | Regulation of 5-HT Receptors and the Hypothalamic-Pituitary-Adrenal Axis.. Annals of the New York Academy of Sciences, 1997, 836, 106-134. | 1.8 | 84 |
| 151 | Nociceptin/orphanin FQ and opioid receptor-like receptor mRNA expression in dopamine systems. Journal of Comparative Neurology, 2002, 444, 358-368. | 0.9 | 82 |
| 152 | Immunohistochemical localization of aminopeptidase M in rat brain and periphery: Relationship of enzyme localization and enkephalin metabolism. Peptides, 1987, 8, 523-532. | 1.2 | 81 |
| 153 | Stress-induced changes in primate prefrontal profiles of gene expression. Molecular Psychiatry, 2007, 12, 1089-1102. | 4.1 | 80 |
| 154 | Evidence for homologous actions of pro-opiocortin products. Science, 1980, 210, 1247-1249. | 6.0 | 79 |
| 155 | Pro-dynorphin peptides are found in the same neurons throughout rat brain: immunocytochemical study.. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 891-894. | 3.3 | 79 |
| 156 | Multiple HPA profiles in endogenous depression: Effect of age and sex on cortisol and beta-endorphin. Biological Psychiatry, 1993, 33, 73-85. | 0.7 | 79 |
| 157 | Mu and kappa opioid receptors in periaqueductal gray and rostral ventromedial medulla. NeuroReport, 1998, 9, 1777-1781. | 0.6 | 79 |
| 158 | Metabotropic glutamate receptor mRNA expression in the schizophrenic thalamus. Biological Psychiatry, 2000, 47, 22-28. | 0.7 | 79 |
| 159 | Evidence for alterations of the glial syncytial function in major depressive disorder. Journal of Psychiatric Research, 2016, 72, 15-21. | 1.5 | 79 |
| 160 | The 5-HT7 receptor: Role in novel object discrimination and relation to novelty-seeking behavior. Neuroscience, 2007, 149, 192-202. | 1.1 | 78 |
| 161 | Gene Expression Changes in the Prefrontal Cortex, Anterior Cingulate Cortex and Nucleus Accumbens of Mood Disorders Subjects That Committed Suicide. PLoS ONE, 2012, 7, e35367. | 1.1 | 77 |
| 162 | Opioid receptor expression in the rat gastrointestinal tract: a quantitative study with comparison to the brain. Molecular Brain Research, 1997, 46, 1-8. | 2.5 | 76 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Rostral Elements of Sympatho-motor Circuitry: A Virally Mediated Transsynaptic Tracing Study. Journal of Neuroscience, 2006, 26, 3423-3433. | 1.7 | 76 |
| 164 | Variable telomere length across post-mortem human brain regions and specific reduction in the hippocampus of major depressive disorder. Translational Psychiatry, 2015, 5, e636-e636. | 2.4 | 76 |
| 165 | Moving from the Orphanin FQ Receptor to an Opioid Receptor Using Four Point Mutations. Journal of Biological Chemistry, 1996, 271, 32016-32020. | 1.6 | 75 |
| 166 | Combining laser capture microdissection with quantitative real-time PCR: Effects of tissue manipulation on RNA quality and gene expression. Journal of Neuroscience Methods, 2006, 153, 71-85. | 1.3 | 75 |
| 167 | Localization and Quantification of Pro-Opiomelanocortin mRNA and Glucocorticoid Receptor mRNA in Pituitaries of Suicide Victims. Neuroendocrinology, 1992, 56, 491-501. | 1.2 | 74 |
| 168 | Differential expression of autoreceptors in the ascending dopamine systems of the human brain.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8297-8301. | 3.3 | 74 |
| 169 | Serotonin 1A receptor messenger RNA regulation in the hippocampus after acute stress. Biological Psychiatry, 1999, 45, 934-937. | 0.7 | 74 |
| 170 | Impact of cocaine on adult hippocampal neurogenesis in an animal model of differential propensity to drug abuse. European Journal of Neuroscience, 2010, 31, 79-89. | 1.2 | 73 |
| 171 | Immunocytochemical localization of pro-opiomelanocortin-derived peptides in the adult rat spinal cord. Brain Research, 1986, 378, 28-35. | 1.1 | 72 |
| 172 | Proopiomelanocortin peptide immunocytochemistry in rhesus monkey brain. Brain Research Bulletin, 1984, 13, 785-800. | 1.4 | 71 |
| 173 | Diurnal Corticotropin-Releasing Hormone mRNA Variation in the Hypothalamus Exhibits a Rhythm Distinct from That of Plasma Corticosterone. Neuroendocrinology, 1992, 55, 74-83. | 1.2 | 70 |
| 174 | Environmental context and drug history modulate amphetamine-induced c-fos mrna expression in the basal ganglia, central extended amygdala, and associated limbic forebrain. Neuroscience, 2003, 120, 551-571. | 1.1 | 70 |
| 175 | Endogenous opioids upregulate brain-derived neurotrophic factor mRNA through Î´- and Âµ-opioid receptors independent of antidepressant-like effects. European Journal of Neuroscience, 2006, 23, 984-994. | 1.2 | 69 |
| 176 | Expression of peptidylglycine alpha-amidating monooxygenase (EC 1.14.17.3) in the rat central nervous system. Journal of Neuroscience, 1992, 12, 222-234. | 1.7 | 68 |
| 177 | Serotonin transporter binding sites and mRNA levels in depressed persons committing suicide. Biological Psychiatry, 1997, 41, 1156-1164. | 0.7 | 68 |
| 178 | The Effect of Stressor Controllability on Stress-Induced Neuropeptide mRNA Expression within the Paraventricular Nucleus of the Hypothalamus. Journal of Neuroendocrinology, 2001, 11, 121-128. | 1.2 | 68 |
| 179 | Overexpressing the Glucocorticoid Receptor in Forebrain Causes an Aging-Like Neuroendocrine Phenotype and Mild Cognitive Dysfunction. Journal of Neuroscience, 2007, 27, 8836-8844. | 1.7 | 68 |
| 180 | G protein-linked signaling pathways in bipolar and major depressive disorders. Frontiers in Genetics, 2013, 4, 297. | 1.1 | 67 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Analysis of 5-HT6 and 5-HT7 receptor gene expression in rats showing differences in novelty-seeking behavior. Neuroscience, 2007, 147, 428-438. | 1.1 | 66 |
| 182 | Anatomical and biochemical studies of the opioid peptides and related substances in the brain. Peptides, 1980, 1, 11-20. | 1.2 | 65 |
| 183 | Inference of cell type content from human brain transcriptomic datasets illuminates the effects of age, manner of death, dissection, and psychiatric diagnosis. PLoS ONE, 2018, 13, e0200003. | 1.1 | 65 |
| 184 | Regulation of Hippocampal 5-HT1A Receptor Gene Expression by Dexamethasone. Neuropsychopharmacology, 1994, 10, 215-222. | 2.8 | 64 |
| 185 | Primary structure and functional expression of a guinea pig kappa opioid (dynorphin) receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 3779-3783. | 3.3 | 63 |
| 186 | Gene chips and arrays revealed: a primer on their power and their uses. Biological Psychiatry, 1999, 45, 533-543. | 0.7 | 63 |
| 187 | Stress during adolescence alters behavioral sensitization to amphetamine. Neuroscience, 2002, 113, 395-400. | 1.1 | 63 |
| 188 | Interleukinâ€1Î²â€Mediated Regulation of Î¼â€Opioid Receptor mRNA in Primary Astrocyteâ€Enriched Cultures. Journal of Neurochemistry, 1996, 66, 425-428. | 2.1 | 63 |
| 189 | The Î´-Opioid Receptor Agonist (+)BW373U86 Regulates BDNF mRNA Expression in Rats. Neuropsychopharmacology, 2004, 29, 649-659. | 2.8 | 63 |
| 190 | Diurnal Regulation of Glucocorticoid Receptor and Mineralocorticoid Receptor mRNAs in Rat Hippocampus. Molecular and Cellular Neurosciences, 1993, 4, 181-190. | 1.0 | 62 |
| 191 | Diurnal CRH mRNA Rhythm in the Hypothalamus: Decreased Expression in the Evening Is Not Dependent on Endogenous Glucocorticoids. Neuroendocrinology, 1993, 57, 96-105. | 1.2 | 62 |
| 192 | 3xTg-AD Mice Exhibit an Activated Central Stress Axis During Early-Stage Pathology. Journal of Alzheimer's Disease, 2012, 33, 407-422. | 1.2 | 62 |
| 193 | Localization of mu-opioid receptors on amygdaloid projection neurons in the parabrachial nucleus of the rat. Brain Research, 1999, 827, 198-204. | 1.1 | 61 |
| 194 | The microRNA network is altered in anterior cingulate cortex of patients with unipolar and bipolar depression. Journal of Psychiatric Research, 2016, 82, 58-67. | 1.5 | 61 |
| 195 | Abnormal essential fatty acid levels in plasma of women with premenstrual syndrome. American Journal of Obstetrics and Gynecology, 1984, 150, 363-366. | 0.7 | 60 |
| 196 | Prenatal stress does not alter innate novelty-seeking behavioral traits, but differentially affects individual differences in neuroendocrine stress responsivity. Psychoneuroendocrinology, 2008, 33, 162-177. | 1.3 | 60 |
| 197 | AMPA Receptor Binding and Subunit mRNA Expression in Prefrontal Cortex and Striatum of Elderly Schizophrenics. Neuropsychopharmacology, 1998, 19, 278-286. | 2.8 | 60 |
| 198 | Physiological and Anatomical Circuitry between Agouti-Related Protein and Leptin Signaling. Endocrinology, 1999, 140, 2387-2397. | 1.4 | 59 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Effects of cocaine on dopamine receptor gene expression: A study in the postmortem human brain. Biological Psychiatry, 1993, 34, 348-355. | 0.7 | 58 |
| 200 | Dysregulated fibroblast growth factor (FGF) signaling in neurological and psychiatric disorders. Seminars in Cell and Developmental Biology, 2016, 53, 136-143. | 2.3 | 58 |
| 201 | Differential distribution of messenger RNAs for cathepsins B, L and S in adult rat brain: An in situ hybridization study. Neuroscience, 1994, 59, 729-738. | 1.1 | 56 |
| 202 | The fibroblast growth factor system is downregulated following social defeat. Neuroscience Letters, 2008, 430, 147-150. | 1.0 | 56 |
| 203 | The melanin-concentrating hormone (MCH) system in an animal model of depression-like behavior. European Neuropsychopharmacology, 2012, 22, 607-613. | 0.3 | 56 |
| 204 | Genetic background and epigenetic modifications in the core of the nucleus accumbens predict addiction-like behavior in a rat model. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2861-70. | 3.3 | 56 |
| 205 | Region specific expression of furin mRNA in the rat brain. Neuroscience Letters, 1993, 149, 27-30. | 1.0 | 55 |
| 206 | Temporal and anatomical distribution of nitric oxide synthase mRNA expression and nitric oxide production during central nervous system inflammation. Brain Research, 2000, 852, 239-246. | 1.1 | 53 |
| 207 | The search for the neurobiological basis of vulnerability to drug abuse: using microarrays to investigate the role of stress and individual differences. Neuropharmacology, 2004, 47, 111-122. | 2.0 | 53 |
| 208 | Lesions of the Medial Geniculate Nuclei Specifically Block Corticosterone Release and Induction of c-fosmRNA in the Forebrain Associated with Audiogenic Stress in Rats. Journal of Neuroscience, 1997, 17, 5979-5992. | 1.7 | 52 |
| 209 | Individual differences in novelty-seeking and emotional reactivity correlate with variation in maternal behavior. Hormones and Behavior, 2007, 51, 655-664. | 1.0 | 52 |
| 210 | Distinct populations of presympatheticâ€premotor neurons express orexin or melaninâ€concentrating hormone in the rat lateral hypothalamus. Journal of Comparative Neurology, 2007, 505, 586-601. | 0.9 | 52 |
| 211 | High novelty-seeking predicts aggression and gene expression differences within defined serotonergic cell groups. Brain Research, 2011, 1419, 34-45. | 1.1 | 52 |
| 212 | Glutamate transporters: A key piece in the glutamate puzzle of major depressive disorder. Journal of Psychiatric Research, 2013, 47, 1150-1156. | 1.5 | 52 |
| 213 | Time course of short-term and long-term orexigenic effects of Agouti-related protein (86-132). NeuroReport, 2001, 12, 1281-1284. | 0.6 | 51 |
| 214 | Cloning and expression of the A2a adenosine receptor from guinea pig brain. Neurochemical Research, 1994, 19, 613-621. | 1.6 | 50 |
| 215 | Short-Hairpin RNA Silencing of Endogenous Fibroblast Growth Factor 2 in Rat Hippocampus Increases Anxiety Behavior. Biological Psychiatry, 2011, 69, 534-540. | 0.7 | 50 |
| 216 | Developmental underpinnings of differences in rodent noveltyâ€seeking and emotional reactivity. European Journal of Neuroscience, 2011, 34, 994-1005. | 1.2 | 50 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Nitric oxide in the stress axis. Histology and Histopathology, 1998, 13, 1243-52. | 0.5 | 50 |
| 218 | The â€œchipâ€•as a specific genetic tool. Biological Psychiatry, 2000, 48, 1147-1156. | 0.7 | 49 |
| 219 | DNA microarray analysis of functionally discrete human brain regions reveals divergent transcriptional profiles. Neurobiology of Disease, 2003, 14, 240-250. | 2.1 | 49 |
| 220 | Inter-individual differences in novelty-seeking behavior in rats predict differential responses to desipramine in the forced swim test. Psychopharmacology, 2008, 198, 333-340. | 1.5 | 49 |
| 221 | Fibroblast growth factor 9 is a novel modulator of negative affect. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11953-11958. | 3.3 | 49 |
| 222 | Differential effects of social defeat in rats with high and low locomotor response to novelty. Neuroscience, 2011, 183, 81-89. | 1.1 | 48 |
| 223 | Relationship of presympathetic-premotor neurons to the serotonergic transmitter system in the rat brainstem. Journal of Comparative Neurology, 2006, 499, 882-896. | 0.9 | 47 |
| 224 | Regulation of nitric oxide synthase messenger RNA expression in the rat hippocampus by glucocorticoids. Neuroscience, 1998, 87, 439-446. | 1.1 | 46 |
| 225 | Interaction of opiate peptide and noradrenalin systems: Light microscopic studies. Peptides, 1980, 1, 23-30. | 1.2 | 45 |
| 226 | Two precursors of melanin-concentrating hormone: DNA sequence analysis and in situ immunochemical localization.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 4292-4296. | 3.3 | 45 |
| 227 | Creating a Functional Opioid Alkaloid Binding Site in the Orphanin FQ Receptor through Site-Directed Mutagenesis. Molecular Pharmacology, 1998, 53, 772-777. | 1.0 | 45 |
| 228 | The effect of adrenalectomy on stress-induced c-fos mRNA expression in the rat brain. Brain Research, 1996, 706, 137-144. | 1.1 | 44 |
| 229 | Early-Life Forebrain Glucocorticoid Receptor Overexpression Increases Anxiety Behavior and Cocaine Sensitization. Biological Psychiatry, 2012, 71, 224-231. | 0.7 | 43 |
| 230 | FGF2 is a target and a trigger of epigenetic mechanisms associated with differences in emotionality: Partnership with H3K9me3. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11834-11839. | 3.3 | 43 |
| 231 | Time of origin of opioid peptide-containing neurons in the rat hypothalamus. Journal of Comparative Neurology, 1985, 236, 538-546. | 0.9 | 42 |
| 232 | Stress regulation of mineralocorticoid receptor heteronuclear RNA in rat hippocampus. Brain Research, 1995, 677, 243-249. | 1.1 | 42 |
| 233 | Decreased Proliferation of Adult Hippocampal Stem Cells During Cocaine Withdrawal: Possible Role of the Cell Fate Regulator FADD. Neuropsychopharmacology, 2011, 36, 2303-2317. | 2.8 | 42 |
| 234 | Distribution of Mahogany/Attractin mRNA in the rat central nervous system. FEBS Letters, 1999, 462, 101-107. | 1.3 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | Altered choroid plexus gene expression in major depressive disorder. Frontiers in Human Neuroscience, 2014, 8, 238. | 1.0 | 40 |
| 236 | Some perspectives on monoamine-opioid peptide interaction in rat central nervous system. Brain Research Bulletin, 1982, 9, 441-462. | 1.4 | 39 |
| 237 | Dynorphin (1â€“17): Lack of analgesia but evidence for non-opiate electrophysiological and motor effects. Life Sciences, 1982, 31, 1821-1824. | 2.0 | 39 |
| 238 | Characterization of proopiomelanocortin mRNA detected by in situ hybridization. Journal of Neuroscience, 1986, 6, 38-42. | 1.7 | 39 |
| 239 | Orphanin FQ-induced hyperphagia is mediated by corticosterone and central glucocorticoid receptors. Neuroscience, 2002, 115, 637-643. | 1.1 | 39 |
| 240 | The ability of amphetamine to evoke arc (Arg 3.1) mRNA expression in the caudate, nucleus accumbens and neocortex is modulated by environmental context. Brain Research, 2002, 930, 30-36. | 1.1 | 39 |
| 241 | Amphetamineâ€induced câ€fos mRNA expression in the caudateâ€putamen and subthalamic nucleus: interactions between dose, environment, and neuronal phenotype. Journal of Neurochemistry, 2003, 85, 105-114. | 2.1 | 39 |
| 242 | Uneven balance of power between hypothalamic peptidergic neurons in the control of feeding. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9489-E9498. | 3.3 | 39 |
| 243 | Mitochondrial Mutations in Subjects with Psychiatric Disorders. PLoS ONE, 2015, 10, e0127280. | 1.1 | 39 |
| 244 | Amphetamine-evoked c-fos mRNA expression in the caudate-putamen: the effects of DA and NMDA receptor antagonists vary as a function of neuronal phenotype and environmental context. Journal of Neurochemistry, 2004, 86, 33-44. | 2.1 | 38 |
| 245 | Further characterization of the extra-arcuate alpha-melanocyte stimulating hormone-like material in hypothalamus: Biochemical and anatomical studies. Neuropeptides, 1986, 7, 291-313. | 0.9 | 37 |
| 246 | Proenkephalin Messenger RNA Is Expressed Both in the Rat Anterior and Posterior Pituitary. Neuroendocrinology, 1990, 51, 444-448. | 1.2 | 37 |
| 247 | Norepinephrine-induced CRH and AVP gene transcription within the hypothalamus: differential regulation by corticosterone. Molecular Brain Research, 2001, 88, 62-73. | 2.5 | 37 |
| 248 | Diurnal rhythmic expression of the rhythm-related genes, rPeriod1, rPeriod2, and rClock, in the rat brain. Journal of Biomedical Science, 2005, 12, 209-217. | 2.6 | 37 |
| 249 | Effect of Cocaine on Fas-Associated Protein with Death Domain in the Rat Brain: Individual Differences in a Model of Differential Vulnerability to Drug Abuse. Neuropsychopharmacology, 2009, 34, 1123-1134. | 2.8 | 37 |
| 250 | The carboxy terminus of the precursor to vasopressin and neurophysin: immunocytochemistry in rat brain. Science, 1982, 217, 853-855. | 6.0 | 35 |
| 251 | Visualization of opiate receptors and opioid peptides in sequential brain sections. Life Sciences, 1982, 31, 1347-1350. | 2.0 | 35 |
| 252 | Glucocorticoid regulation of hippocampal oxytocin receptor binding. Brain Research, 1994, 650, 317-322. | 1.1 | 35 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | A 6-Hydroxydopamine lesion of the mesostriatal dopamine system decreases the expression of corticotropin releasing hormone and neurotensin mRNAs in the amygdala and bed nucleus of the stria terminalis. Brain Research, 2002, 945, 151-159. | 1.1 | 35 |
| 254 | Î²1 Adrenergic Receptors in the Bed Nucleus of Stria Terminalis Mediate Differential Responses to Opiate Withdrawal. Neuropsychopharmacology, 2007, 32, 589-599. | 2.8 | 34 |
| 255 | Neural and environmental factors impacting maternal behavior differences in high- versus low-novelty-seeking rats. Hormones and Behavior, 2010, 57, 463-473. | 1.0 | 33 |
| 256 | Exploratory locomotion, a predictor of addiction vulnerability, is oligogenic in rats selected for this phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13107-13115. | 3.3 | 33 |
| 257 | Anatomical relationship between opioid peptides and receptors in rhesus monkey brain. Brain Research Bulletin, 1984, 13, 801-812. | 1.4 | 32 |
| 258 | Postdexamethasone plasma cortisol and Î²-endorphin levels in depression: Relationship to severity of illness. Biological Psychiatry, 1987, 22, 1137-1150. | 0.7 | 32 |
| 259 | Neonatal fibroblast growth factor treatment enhances cocaine sensitization. Pharmacology Biochemistry and Behavior, 2012, 103, 6-17. | 1.3 | 32 |
| 260 | Connections of some auditory-responsive posterior thalamic nuclei putatively involved in activation of the hypothalamo-pituitary-adrenocortical axis in response to audiogenic stress in rats: an anterograde and retrograde tract tracing study combined with Fos expression. Journal of Comparative Neurology, 2000, 423, 474-91. | 0.9 | 32 |
| 261 | Effects of Low Dose Ovine Corticotropin-Releasing Hormone in Humans: Endocrine Relationships andÎ²: Endorphin/Î²-Lipotropin Responses*. Journal of Clinical Endocrinology and Metabolism, 1988, 66, 10-15. | 1.8 | 31 |
| 262 | Gene expression profiling of neurochemically defined regions of the human brain by in situ hybridization-guided laser capture microdissection. Journal of Neuroscience Methods, 2009, 178, 46-54. | 1.3 | 31 |
| 263 | Atypical prodynorphin gene expression in corticosteroid-producing cells of the rat adrenal gland.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 1320-1324. | 3.3 | 30 |
| 264 | Correlation of estrogen Î²-receptor messenger RNA with endogenous levels of plasma estradiol and progesterone in the female rat hypothalamus, the bed nucleus of stria terminalis and the medial amygdala. Molecular Brain Research, 2002, 106, 30-41. | 2.5 | 30 |
| 265 | Chronic administration of the delta opioid receptor agonist (+)BW373U86 and antidepressants on behavior in the forced swim test and BDNF mRNA expression in rats. Psychopharmacology, 2005, 183, 31-40. | 1.5 | 30 |
| 266 | Evidence against changes in corticotroph CRF receptors in depressed patients. Biological Psychiatry, 1995, 37, 355-363. | 0.7 | 29 |
| 267 | Correlation between Changes in Stress-Inducec Corticosterone Secretion and GR mRNA Levels. Stress, 1997, 2, 101-112. | 0.8 | 29 |
| 268 | Expression patterns of corticotropinâ€releasing factor, arginine vasopressin, histidine decarboxylase, melaninâ€concentrating hormone, and orexin genes in the human hypothalamus. Journal of Comparative Neurology, 2010, 518, 4591-4611. | 0.9 | 29 |
| 269 | Pattern of forebrain activation in high novelty-seeking rats following aggressive encounter. Brain Research, 2011, 1422, 20-31. | 1.1 | 29 |
| 270 | Evidence of allelic imbalance in the schizophrenia susceptibility gene ZNF804A in human dorsolateral prefrontal cortex. Schizophrenia Research, 2014, 152, 111-116. | 1.1 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | Localization of neurons containing pro-opiomelanocortin-related peptides in the hypothalamus and midbrain of the lizard, Anolis carolinensis evidence for region-specific processing of Î²-endorphin. Brain Research, 1984, 324, 384-389. | 1.1 | 28 |
| 272 | Colocalization of estrogen Î²-receptor messenger RNA with orphanin FQ, vasopressin and oxytocin in the rat hypothalamic paraventricular and supraoptic nuclei. Anatomy and Embryology, 2003, 206, 461-469. | 1.5 | 28 |
| 273 | Dynorphin is located throughout the CNS and is often co-localized with alpha-neo-endorphin. Life Sciences, 1982, 31, 1773-1776. | 2.0 | 27 |
| 274 | Colocalization of proenkephalin peptides in rat brain neurons. Brain Research, 1983, 279, 369-373. | 1.1 | 27 |
| 275 | Characterization of Pro-Opiomelanocortin cDNA from the Old World Monkey, Macaca nemestrina. DNA and Cell Biology, 1988, 7, 627-635. | 5.1 | 27 |
| 276 | Differential expression of vasopressin alleles in the Brattleboro heterozygote. Journal of Neuroscience, 1988, 8, 3797-3811. | 1.7 | 27 |
| 277 | Expression of Serotonin Transporter mRNA in Human Brainstem Raphe Nuclei. Neuropsychopharmacology, 1996, 15, 523-529. | 2.8 | 27 |
| 278 | Normal pituitary response to metyrapone in the morning in depressed patients: Implications for circadian regulation of corticotropin-releasing hormone secretion. Biological Psychiatry, 1997, 41, 1149-1155. | 0.7 | 27 |
| 279 | Immunocytochemical studies with antisera against Leu-enkephalin and an enkephalin-precursor fragment (BAM-22P) in the rat brain. Life Sciences, 1982, 31, 1879-1882. | 2.0 | 26 |
| 280 | Inborn differences in environmental reactivity predict divergent diurnal behavioral, endocrine, and gene expression rhythms. Psychoneuroendocrinology, 2012, 37, 256-269. | 1.3 | 26 |
| 281 | ?-Endorphin/ACTH immunocytochemistry in the CNS of the lizardAnolis carolinensis: Evidence for a major mesencephalic cell group. Journal of Comparative Neurology, 1984, 229, 576-584. | 0.9 | 25 |
| 282 | Female CREBÎ±Î´â^' deficient mice show earlier age-related cognitive deficits than males. Neuroscience, 2007, 150, 260-272. | 1.1 | 25 |
| 283 | Neonatal FGF2 alters cocaine self-administration in the adult rat. Pharmacology Biochemistry and Behavior, 2009, 92, 100-104. | 1.3 | 25 |
| 284 | Adolescent cocaine exposure enhances goal-tracking behavior and impairs hippocampal cell genesis selectively in adult bred low-responder rats. Psychopharmacology, 2017, 234, 1293-1305. | 1.5 | 25 |
| 285 | Previous experience affects subsequent anxiety-like responses in rats bred for novelty seeking.. Behavioral Neuroscience, 2007, 121, 1113-1118. | 0.6 | 24 |
| 286 | SNPs on Chips: The Hidden Genetic Code in Expression Arrays. Biological Psychiatry, 2007, 61, 13-16. | 0.7 | 24 |
| 287 | Neuroanatomical and Functional Studies of Peptide Precursor-Processing Enyzmes. Enzyme, 1991, 45, 285-300. | 0.7 | 23 |
| 288 | Selectively Bred Rats Provide a Unique Model of Vulnerability to PTSD-Like Behavior and Respond Differentially to FGF2 Augmentation Early in Life. Neuropsychopharmacology, 2017, 42, 1706-1714. | 2.8 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 289 | Development of hypothalamic opioid neurons: A combined immunocytochemical and [3H]thymidine autoradiographic study. Neuropeptides, 1985, 5, 477-480. | 0.9 | 22 |
| 290 | Short-Term Adrenalectomy Increases Glucocorticoid and Mineralocorticoid Receptor mRNA in Selective Areas of the Developing Hippocampus. Molecular and Cellular Neurosciences, 1993, 4, 455-471. | 1.0 | 22 |
| 291 | Effects of cocaine on D3 and D4 receptor expression in the human striatum. Biological Psychiatry, 1995, 38, 263-266. | 0.7 | 22 |
| 292 | Cocaine interacts with the novelty-seeking trait to modulate FGFR1 gene expression in the rat. Neuroscience Letters, 2008, 446, 105-107. | 1.0 | 22 |
| 293 | Long-term effects of cocaine experience on neuroplasticity in the nucleus accumbens core of addiction-prone rats. Neuroscience, 2013, 248, 571-584. | 1.1 | 22 |
| 294 | Splice-Break: exploiting an RNA-seq splice junction algorithm to discover mitochondrial DNA deletion breakpoints and analyses of psychiatric disorders. Nucleic Acids Research, 2019, 47, e59-e59. | 6.5 | 22 |
| 295 | Endorphins, beta-LPH, and ACTH: biochemical, pharmacological and anatomical studies. Advances in Biochemical Psychopharmacology, 1978, 18, 125-39. | 0.1 | 22 |
| 296 | Differential responses to morphine-induced analgesia in the tail-flick test. Behavioural Brain Research, 2008, 194, 146-151. | 1.2 | 21 |
| 297 | CREBalphadelta- deficient mice show inhibition and low activity in novel environments without changes in stress reactivity. European Journal of Neuroscience, 2004, 20, 503-513. | 1.2 | 20 |
| 298 | Protective effects of chronic mild stress during adolescence in the low-novelty responder rat. Stress, 2016, 19, 133-138. | 0.8 | 20 |
| 299 | PRINCIPLES OF PSYCHONEUROENDOCRINOLOGY. Psychiatric Clinics of North America, 1998, 21, 259-276. | 0.7 | 19 |
| 300 | The CCK-system mediates adaptation to novelty-induced stress in the rat: A pharmacological evidence. Neuroscience Letters, 2007, 428, 27-32. | 1.0 | 18 |
| 301 | Lack of association to a NRG1 missense polymorphism in schizophrenia or bipolar disorder in a Costa Rican population. Schizophrenia Research, 2011, 131, 52-57. | 1.1 | 18 |
| 302 | Risk-assessment and Coping Strategies Segregate with Divergent Intrinsic Aerobic Capacity in Rats. Neuropsychopharmacology, 2011, 36, 390-401. | 2.8 | 18 |
| 303 | Fibroblast growth factor 2 regulates activity and gene expression of human postâ€mitotic excitatory neurons. Journal of Neurochemistry, 2018, 145, 188-203. | 2.1 | 18 |
| 304 | Opioid receptors: past, present and future. Trends in Neurosciences, 1995, 18, 69-70. | 4.2 | 18 |
| 305 | Effects of chronic cocaine exposure on corticotropin-releasing hormone binding protein in the central nucleus of the amygdala and bed nucleus of the stria terminalis. Neuroscience, 2004, 123, 1003-1009. | 1.1 | 17 |
| 306 | The CCK-system underpins novelty-seeking behavior in the rat: Gene expression and pharmacological analyses. Neuropeptides, 2008, 42, 245-253. | 0.9 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 307 | The distribution of dopamine D2 receptor heteronuclear RNA (hnRNA) in the rat brain. Journal of Chemical Neuroanatomy, 1993, 6, 363-373. | 1.0 | 16 |
| 308 | Hippocampal mossy fibre terminal field size is differentially affected in a rat model of risk-taking behaviour. Behavioural Brain Research, 2004, 153, 7-14. | 1.2 | 16 |
| 309 | The Fibroblast Growth Factor Family and Mood Disorders. Novartis Foundation Symposium, 2008, 289, 94-100. | 1.2 | 16 |
| 310 | Identification of potential blood biomarkers associated with suicide in major depressive disorder. Translational Psychiatry, 2022, 12, 159. | 2.4 | 16 |
| 311 | Chapter 11 Cloning of kappa opioid receptors: functional significance and future directions. Progress in Brain Research, 1994, 100, 81-86. | 0.9 | 15 |
| 312 | Fibroblast Growth Factor-2: An Endogenous Antidepressant and Anxiolytic Molecule?. Biological Psychiatry, 2012, 72, 254-255. | 0.7 | 15 |
| 313 | Cognitive Control as a 5-HT1A-Based Domain That Is Disrupted in Major Depressive Disorder. Frontiers in Psychology, 2019, 10, 691. | 1.1 | 15 |
| 314 | Investigating rare pathogenic/likely pathogenic exonic variation in bipolar disorder. Molecular Psychiatry, 2021, 26, 5239-5250. | 4.1 | 15 |
| 315 | Characterizing the behavioral and neuroendocrine features of susceptibility and resilience to social stress. Neurobiology of Stress, 2022, 17, 100437. | 1.9 | 15 |
| 316 | Analysis of opioid and non-opioid end products of pro-dynorphin in the substantia nigra of the rat. Neuropeptides, 1985, 5, 501-504. | 0.9 | 14 |
| 317 | Cloning and characterization of a pharmacologically distinct A1 adenosine receptor from guinea pig brain. Molecular Brain Research, 1994, 26, 143-155. | 2.5 | 14 |
| 318 | Dexamethasone exposure during the neonatal period alters ORL1 mRNA expression in the hypothalamic paraventricular nucleus and hippocampus of the adult rat. Developmental Brain Research, 2003, 146, 15-24. | 2.1 | 14 |
| 319 | Adaptation to single housing is dynamic: Changes in hormone levels, gene expression, signaling in the brain, and anxiety-like behavior in adult male C57Bl/6J mice. Hormones and Behavior, 2019, 114, 104541. | 1.0 | 14 |
| 320 | Genetic Liability for Internalizing Versus Externalizing Behavior Manifests in the Developing and Adult Hippocampus: Insight From a Meta-analysis of Transcriptional Profiling Studies in a Selectively Bred Rat Model. Biological Psychiatry, 2021, 89, 339-355. | 0.7 | 14 |
| 321 | Microcomputer-based three-dimensional reconstruction of in situ hybridization autoradiographs. Journal of Chemical Neuroanatomy, 1991, 4, 373-385. | 1.0 | 13 |
| 322 | Forebrain glucocorticoid receptor overexpression increases environmental reactivity and produces a stress-induced spatial discrimination deficit. Neuroscience, 2010, 169, 645-653. | 1.1 | 13 |
| 323 | Immunocytochemistry of the C-terminal peptide of propressophysin (CPP): Relationship to vasopressin, oxytocin and neurophysin. Neuropeptides, 1983, 3, 321-336. | 0.9 | 12 |
| 324 | Individual differences in the improvement of cocaine-induced place preference response by the 5-HT2C receptor antagonist SB242084 in rats. Psychopharmacology, 2012, 220, 731-740. | 1.5 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 325 | Fibroblast growth factor 2 alters the oxytocin receptor in a developmental model of anxiety-like behavior in male rat pups. Hormones and Behavior, 2016, 86, 64-70. | 1.0 | 12 |
| 326 | Connective Tissue Growth Factor Is a Novel Prodepressant. Biological Psychiatry, 2018, 84, 555-562. | 0.7 | 12 |
| 327 | Blockade of the cholecystokinin CCK-2 receptor prevents the normalization of anxiety levels in the rat. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 96, 109761. | 2.5 | 12 |
| 328 | Sepsis survivor mice exhibit a behavioral endocrine syndrome with ventral hippocampal dysfunction. Psychoneuroendocrinology, 2020, 117, 104679. | 1.3 | 12 |
| 329 | Cryostat technique for central nervous system histofluorescence. Histochemistry, 1976, 50, 119-127. | 1.9 | 11 |
| 330 | Altered Ratios of Beta-Endorphin:Beta-Lipotropin Released from Anterior Lobe Corticotropes with Increased Secretory Drive... Journal of Neuroendocrinology, 1993, 5, 121-126. | 1.2 | 11 |
| 331 | Binding and GTPÎ³S autoradiographic analysis of preproorphanin precursor peptide products at the ORL1 and opioid receptors. Journal of Chemical Neuroanatomy, 2003, 25, 233-247. | 1.0 | 11 |
| 332 | Upregulation of GAD65 mRNA in the medulla of the rat model of metabolic syndrome. Neuroscience Letters, 2007, 419, 178-183. | 1.0 | 11 |
| 333 | Utilizing a unique animal model to better understand human temperament. Current Opinion in Behavioral Sciences, 2017, 14, 108-114. | 2.0 | 11 |
| 334 | Hypothalamic dynorphin and vasopressin mRNA expression in normal and Brattleboro rats. Federation Proceedings, 1986, 45, 2323-7. | 1.3 | 11 |
| 335 | Differences in microglia morphological profiles reflect divergent emotional temperaments: insights from a selective breeding model. Translational Psychiatry, 2022, 12, 105. | 2.4 | 10 |
| 336 | Pituitary Regulation in Endogenous Depression. Progress in Brain Research, 1986, 65, 153-166. | 0.9 | 9 |
| 337 | Quantitative validation of immunofluorescence and lectin staining using reduced CLARITY acrylamide formulations. Brain Structure and Function, 2018, 223, 987-999. | 1.2 | 9 |
| 338 | Effects of early-life FGF2 on ultrasonic vocalizations (USVs) and the mu-opioid receptor in male Sprague-Dawley rats selectively-bred for differences in their response to novelty. Brain Research, 2019, 1715, 106-114. | 1.1 | 9 |
| 339 | Optimization and evaluation of fluorescence in situ hybridization chain reaction in cleared fresh-frozen brain tissues. Brain Structure and Function, 2021, 226, 481-499. | 1.2 | 9 |
| 340 | Cognitive performance is highly sensitive to prior experience in mice with a learning and memory deficit: Failure leads to more failure. Learning and Memory, 2005, 12, 461-471. | 0.5 | 8 |
| 341 | Basal microRNA expression patterns in reward circuitry of selectively bred high-responder and low-responder rats vary by brain region and genotype. Physiological Genomics, 2014, 46, 290-301. | 1.0 | 8 |
| 342 | Regional processing of the N- and C-terminal domains of proopiomelanocortin in monkey pituitary and brain. Neuropeptides, 1988, 11, 111-118. | 0.9 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 343 | Pro-opiomelanocortin mRNA and peptide co-expression in the developing rat pituitary. Brain Research Bulletin, 1991, 26, 195-201. | 1.4 | 7 |
| 344 | Opioid peptide mRNA expression in the colon of the rat. Neuroscience Letters, 1999, 272, 111-114. | 1.0 | 7 |
| 345 | Syrian hamster proopiomelanocortin cDNA cloning and early seasonal changes in testicular expression. General and Comparative Endocrinology, 2003, 133, 353-357. | 0.8 | 7 |
| 346 | Coding SNPs included in exon arrays for the study of psychiatric disorders. Molecular Psychiatry, 2008, 13, 363-365. | 4.1 | 7 |
| 347 | Stress amplifies sex differences in primate prefrontal profiles of gene expression. Biology of Sex Differences, 2017, 8, 36. | 1.8 | 7 |
| 348 | Electrophysiological evaluation of extracellular spermine and alkaline pH on synaptic human GABAA receptors. Translational Psychiatry, 2019, 9, 218. | 2.4 | 7 |
| 349 | SUPERCOMPUTING WITH TOYS: HARNESSING THE POWER OF NVIDIA 8800GTX AND PLAYSTATION 3 FOR BIOINFORMATICS PROBLEMS. , 2007, , . | | 7 |
| 350 | The prohormone and proprotein processing enzymes PC1 and PC2: structure, selective cleavage of mouse POMC and human renin at pairs of basic residues, cellular expression, tissue distribution, and mRNA regulation. NIDA Research Monograph, 1992, 126, 132-50. | 0.1 | 7 |
| 351 | Pattern of c-fos mRNA induction in rat brain by acute morphine. Canadian Journal of Physiology and Pharmacology, 1998, 76, 294-303. | 0.7 | 7 |
| 352 | Gamma-melanotropin response to ovine corticotropin releasing factor in normal humans. Neuropeptides, 1987, 9, 269-282. | 0.9 | 6 |
| 353 | Altered Ratios of Beta-Endorphin : Beta-Lipotropin Released from Anterior Lobe Corticotropes with Increased Secretory Drive. I. Effects of Diminished Glucocorticoid Secretion. Journal of Neuroendocrinology, 1993, 5, 115-120. | 1.2 | 6 |
| 354 | Frequency of neuropathology in a brain bank from a long-term, domiciliary population. Journal of Psychiatric Research, 1996, 30, 45-49. | 1.5 | 6 |
| 355 | Evaluation of Sensitivity, Performance and Reproducibility of Microarray Technology in Neuronal Tissue. Integrative and Comparative Biology, 2003, 43, 780-785. | 0.9 | 6 |
| 356 | Regulation of hippocampal Î±1d adrenergic receptor mRNA by corticosterone in adrenalectomized rats. Brain Research, 2008, 1218, 132-140. | 1.1 | 6 |
| 357 | Neural cell adhesion molecule peptide mimetics modulate emotionality: pharmacokinetic and behavioral studies in rats and non-human primates. Neuropsychopharmacology, 2019, 44, 356-363. | 2.8 | 6 |
| 358 | Changes in Proopiomelanocortin Primary Transcript Levels in the Anterior Pituitary Accompany Increased Adrenocorticotropin Secretion During the Diurnal Surge. Journal of Neuroendocrinology, 1992, 4, 21-28. | 1.2 | 5 |
| 359 | Crucial Role of c-Jun NH2-Terminal Kinase 1 (JNK1) in Cold-Restraint Stress-Induced Gastric Lesions in Mice. Digestive Diseases and Sciences, 2007, 52, 1698-1705. | 1.1 | 5 |
| 360 | Fibroblast Growth Factor 2 Sits at the Interface of Stress and Anxiety. Biological Psychiatry, 2016, 80, 419-421. | 0.7 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 361 | Histofluorescence in the unperfused CNS by cryostat and glyoxylic acid: a preliminary report. Psychopharmacology Communications, 1975, 1, 523-31. | 0.3 | 5 |
| 362 | The effects of nigrostriatal 6-hydroxydopamine lesions on dopamine D2 receptor mRNA and opioid systems. Progress in Clinical and Biological Research, 1990, 328, 227-30. | 0.2 | 5 |
| 363 | Editorial. Journal of Psychiatric Research, 1997, 31, 157-158. | 1.5 | 4 |
| 364 | Nucleus accumbens cocaine-amphetamine regulated transcript mediates food intake during novelty conflict. Physiology and Behavior, 2016, 158, 76-84. | 1.0 | 4 |
| 365 | Prospects for the evaluation of endorphins as psychotropic agents. Psychopharmacology Bulletin, 1979, 15, 33-5. | 0.0 | 4 |
| 366 | Interaction between cholecystokinin and the fibroblast growth factor system in the ventral tegmental area of selectively bred high- and low-responder rats. Neuroscience, 2013, 255, 68-75. | 1.1 | 3 |
| 367 | Neuromodulatory functions of the brain pro-opiocortin system. Advances in Biochemical Psychopharmacology, 1980, 22, 435-45. | 0.1 | 3 |
| 368 | Opioid agonists and antagonists in schizophrenia. Advances in Biochemical Psychopharmacology, 1980, 22, 447-53. | 0.1 | 3 |
| 369 | Neurochemistry and Neuropharmacology. Schizophrenia Bulletin, 1988, 14, 399-412. | 2.3 | 2 |
| 370 | APPARENT EVIDENCE OF RECEPTOR SUBTYPES: RECEPTOR BINDING STUDIES WITH THE CLONED RAT AND HUMAN KAPPA RECEPTORS. Analgesia (Elmsford, N Y ), 1995, 1, 553-556. | 0.5 | 2 |
| 371 | In Situ and Immunohistochemical Analysis of Endogenous Opioid Receptor mRNA and Protein Expression in the Developing Human Brain. â€¢ 1745. Pediatric Research, 1997, 41, 293-293. | 1.1 | 2 |
| 372 | Recent studies on dynorphin and enkephalin precursor fragments in central nervous system. Advances in Biochemical Psychopharmacology, 1982, 33, 35-42. | 0.1 | 2 |
| 373 | Characterization of multiple forms of beta-E in pituitary and brain: effect of stress. Advances in Biochemical Psychopharmacology, 1982, 33, 61-7. | 0.1 | 2 |
| 374 | Analyzing Gene Expression in Depression. American Journal of Psychiatry, 2009, 166, 961-963. | 4.0 | 1 |
| 375 | In Memory of Elizabeth Young. Biological Psychiatry, 2009, 66, e25-e26. | 0.7 | 1 |
| 376 | Candesartan reverses depressionâ€like behavior in a rodent model of depression. FASEB Journal, 2010, 24, 1052.3. | 0.2 | 1 |
| 377 | A diagram editor for efficient biomedical knowledge capture and integration. Summit on Translational Bioinformatics, 2008, 2008, 130-4. | 0.7 | 1 |
| 378 | Effect of hypophysectomy on dynorphin mRNA and peptide content in the rat adrenal gland. Progress in Clinical and Biological Research, 1990, 328, 207-10. | 0.2 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 379 | Identification of prodynorphin and proenkephalin mRNA expressing cells in the neurointermediate lobe of the rat pituitary gland. Progress in Clinical and Biological Research, 1990, 328, 231-4. | 0.2 | 1 |
| 380 | Opioid peptides and related substances: immunocytochemistry. Advances in Biochemical Psychopharmacology, 1981, 28, 77-86. | 0.1 | 1 |
| 381 | Hybridization Studies of Adrenocorticosteroid Receptors in the Central Nervous System. Methods in Neurosciences, 1994, 22, 189-210. | 0.5 | 0 |
| 382 | EXPLORING IMPORTANT ISSUES IN THE IMPLEMENTATION OF GENE SET ENRICHMENT ANALYSIS. , 2005, , . | | 0 |
| 383 | Cross-Domain Neurobiology Data Integration and Exploration. , 2009, , . | | 0 |
| 384 | 23. A Genetic and Developmental Model of Temperament in the Rat: Role of Neuroplasticity and Relevance to Human Mood Disorders. Biological Psychiatry, 2017, 81, S10. | 0.7 | 0 |
| 385 | GENE DEFINITION IN DIFFERENT DATABASES AND ITS IMPLICATION IN MICROARRAY DATA INTERPRETATION. , 2005, , . | | 0 |
| 386 | Upregulation in the Expression of Tryptophan Hydroxylase 2 (TPH2) in the Lower Brainstem in Depression. FASEB Journal, 2010, 24, lb613. | 0.2 | 0 |
| 387 | In situ hybridization versus northern analysis: working towards the correlation of two quantitative techniques for opioid and vasopressin mRNAs in the rat hypothalamus and pituitary. NIDA Research Monograph, 1986, 75, 287-90. | 0.1 | 0 |
| 388 | Gamma-3-MSH and beta-endorphin in monkey pituitary. NIDA Research Monograph, 1986, 75, 307-10. | 0.1 | 0 |