Dan Larhammar

List of Publications by Year
in descending order

232 papers	13,561 citations	19608 61 h-index	25716 108 g-index
235 all docs	235 docs citations	235 times ranked	7327 citing authors

#	Article	IF	Citations
1	A D-peptide ligand of neuropeptide Y receptor Y1 serves as nanocarrier traversing of the blood brain barrier and targets glioma. Nano Today, 2022, 44, 101465.	6.2	8
2	Protein kinase C family evolution in jawed vertebrates. Developmental Biology, 2021, 479, 77-90.	0.9	5
3	The Evolution of Oxytocin and Vasotocin Receptor Genes in Jawed Vertebrates: A Clear Case for Gene Duplications Through Ancestral Whole-Genome Duplications. Frontiers in Endocrinology, 2021, 12, 792644.	1.5	13
4	Globalization of Traditional Chinese Medicine: what are the issues for ensuring evidenceâ€based diagnosis and therapy?. Journal of Internal Medicine, 2020, 287, 210-213.	2.7	5
5	Circadian regulation of phosphodiesterase 6 genes in zebrafish differs between cones and rods: Implications for photopic and scotopic vision. Vision Research, 2020, 166, 43-51.	0.7	13
6	Corticotropin-Releasing Hormone (CRH) Gene Family Duplications in Lampreys Correlate With Two Early Vertebrate Genome Doublings. Frontiers in Neuroscience, 2020, 14, 672.	1.4	18
7	The Neuropeptide Y Y₂ Receptor Is Coexpressed with Nppb in Primary Afferent Neurons and Y₂ Activation Reduces Histaminergic and IL-31-Induced Itch. Journal of Pharmacology and Experimental Therapeutics, 2020, 372, 73-82.	1.3	14
8	Oxytocin Receptors Regulate Social Preference in Zebrafish. Scientific Reports, 2020, 10, 5435.	1.6	24
9	Editorial: Endocrine and Neuroendocrine Systems of Invertebrate Deuterostomes. Frontiers in Endocrinology, 2019, 10, 755.	1.5	0
10	Functional characterization in vitro of twelve naturally occurring variants of the human pancreatic polypeptide receptor NPY4R. Neuropeptides, 2019, 76, 101933.	0.9	3
11	Copy number determination of the gene for the human pancreatic polypeptide receptor NPY4R using read depth analysis and droplet digital PCR. BMC Biotechnology, 2019, 19, 31.	1.7	4
12	Evolution of vertebrate nicotinic acetylcholine receptors. BMC Evolutionary Biology, 2019, 19, 38.	3.2	36
13	Structural basis of ligand binding modes at the neuropeptide Y Y1 receptor. Nature, 2018, 556, 520-524.	13.7	100
14	Evolution of neuropeptide signalling systems. Journal of Experimental Biology, 2018, 221, .	0.8	164
15	Elucidation of the Binding Mode of the Carboxyterminal Region of Peptide YY to the Human Y₂Receptor. Molecular Pharmacology, 2018, 93, 323-334.	1.0	28
16	Evolution of the growth hormone, prolactin, prolactin 2 and somatolactin family. General and Comparative Endocrinology, 2018, 264, 94-112.	0.8	45
17	Evolution of the receptors for growth hormone, prolactin, erythropoietin and thrombopoietin in relation to the vertebrate tetraploidizations. General and Comparative Endocrinology, 2018, 257, 143-160.	0.8	26
18	The Neuropeptide Y System Regulates BothÂMechanical and Histaminergic Itch. Journal of Investigative Dermatology, 2018, 138, 2405-2411.	0.3	32

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19	Copy number of pancreatic polypeptide receptor gene NPY4R correlates with body mass index and waist circumference. PLoS ONE, 2018, 13, e0194668.	1.1	20
20	Evolution of the Muscarinic Acetylcholine Receptors in Vertebrates. ENeuro, 2018, 5, ENEURO.0340-18.2018.	0.9	22
21	The Argâ€“Pheâ€amide peptide 26RFa/glutamine RFâ€amide peptide and its receptor: IUPHAR Review 24. British Journal of Pharmacology, 2017, 174, 3573-3607.	2.7	36
22	Assessing and regulating homeopathic products. Journal of Internal Medicine, 2017, 282, 563-565.	2.7	5
23	Evolution and expression of the phosphodiesterase 6 genes unveils vertebrate novelty to control photosensitivity. BMC Evolutionary Biology, 2016, 16, 124.	3.2	46
24	No effect of valerian against insomnia. Focus on Alternative and Complementary Therapies, 2016, 21, 42-43.	0.1	0
25	Proprietary weightâ€reduction supplement: evidence inconclusive. Focus on Alternative and Complementary Therapies, 2016, 21, 64-65.	0.1	0
26	Greenâ€tea extract and piperine: do they really maintain weight loss, and if so, weight loss of what?. Focus on Alternative and Complementary Therapies, 2016, 21, 164-165.	0.1	0
27	Corticotropin-releasing hormone family evolution: five ancestral genes remain in some lineages. Journal of Molecular Endocrinology, 2016, 57, 73-86.	1.1	52
28	Acupuncture for treatment of dry eyes â€“ still doubtful. Focus on Alternative and Complementary Therapies, 2015, 20, 144-145.	0.1	0
29	Transducin Duplicates in the Zebrafish Retina and Pineal Complex: Differential Specialisation after the Teleost Tetraploidisation. PLoS ONE, 2015, 10, e0121330.	1.1	41
30	Ancestral Vertebrate Complexity of the Opioid System. Vitamins and Hormones, 2015, 97, 95-122.	0.7	20
31	Neuropeptide Y family receptors Y1 and Y2 from sea lamprey, Petromyzon marinus. General and Comparative Endocrinology, 2015, 222, 106-115.	0.8	3
32	Characterization of peptide QRFP (26RFa) and its receptor from amphioxus, Branchiostoma floridae. General and Comparative Endocrinology, 2015, 210, 107-113.	0.8	7
33	Unexpected multiplicity of QRFP receptors in early vertebrate evolution. Frontiers in Neuroscience, 2014, 8, 337.	1.4	12
34	New insights into the evolution of vertebrate CRH (corticotropin-releasing hormone) and invertebrate DH44 (diuretic hormone 44) receptors in metazoans. General and Comparative Endocrinology, 2014, 209, 162-170.	0.8	36
35	Comparative evolution of peptide hormone-binding GPCRs: A route to understanding functional complexity. General and Comparative Endocrinology, 2014, 209, 1-2.	0.8	8
36	MOLECULAR EVOLUTION OF GPCRS: Somatostatin/urotensin II receptors. Journal of Molecular Endocrinology, 2014, 52, T61-T86.	1.1	54

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37	Turtle ghrelin. Nature Genetics, 2014, 46, 524-525.	9.4	3
38	Neuropeptide Y, social function and long-term outcome in schizophrenia. Schizophrenia Research, 2014, 156, 223-227.	1.1	17
39	Detecting ligand interactions with G protein-coupled receptors in real-time on living cells. Biochemical and Biophysical Research Communications, 2013, 441, 820-824.	1.0	11
40	The vertebrate ancestral repertoire of visual opsins, transducin alpha subunits and oxytocin/vasopressin receptors was established by duplication of their shared genomic region in the two rounds of early vertebrate genome duplications. BMC Evolutionary Biology, 2013, 13, 238.	3.2	111
41	Cloning and pharmacological characterization of the neuropeptide Y receptor Y5 in the sea lamprey, Petromyzon marinus. Peptides, 2013, 39, 64-70.	1.2	5
42	Mutagenesis and Computational Modeling of Human G-Protein-Coupled Receptor Y2 for Neuropeptide Y and Peptide YY. Biochemistry, 2013, 52, 7987-7998.	1.2	23
43	Relaxation reduces stress. Focus on Alternative and Complementary Therapies, 2013, 18, 138-139.	0.1	0
44	Evolution of the Opioid System. , 2013, , 1562-1569.		1
45	Interactions of zebrafish peptide YYb with the neuropeptide Y-family receptors Y4, Y7, Y8a, and Y8b. Frontiers in Neuroscience, 2013, 7, 29.	1.4	37
46	Ancient Grandeur of the Vertebrate Neuropeptide Y System Shown by the Coelacanth Latimeria chalumnae. Frontiers in Neuroscience, 2013, 7, 27.	1.4	22
47	Research on alternative medicine is often a waste of resources. Focus on Alternative and Complementary Therapies, 2012, 17, 163-164.	0.1	0
48	Expansion of transducin subunit gene families in early vertebrate tetraploidizations. Genomics, 2012, 100, 203-211.	1.3	28
49	Test for personality characteristics in dogs used inÂresearch. Journal of Veterinary Behavior: Clinical Applications and Research, 2012, 7, 327-338.	0.5	15
50	The evolution of vertebrate somatostatin receptors and their gene regions involves extensive chromosomal rearrangements. BMC Evolutionary Biology, 2012, 12, 231.	3.2	46
51	Evolution of the Vertebrate Paralemmin Gene Family: Ancient Origin of Gene Duplicates Suggests Distinct Functions. PLoS ONE, 2012, 7, e41850.	1.1	18
52	The oxytocin/vasopressin receptor family has at least five members in the gnathostome lineage, inclucing two distinct V2 subtypes. General and Comparative Endocrinology, 2012, 175, 135-143.	0.8	88
53	Characterization of the neuropeptide Y system in the frog Silurana tropicalis (Pipidae): Three peptides and six receptor subtypes. General and Comparative Endocrinology, 2012, 177, 322-331.	0.8	17
54	Acupuncture for herpes zoster pain. Focus on Alternative and Complementary Therapies, 2012, 17, 56-57.	0.1	1

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55	Neuropeptide Y/peptide YY receptor Y2 duplicate in zebrafish with unique introns displays distinct peptide binding properties. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2011, 160, 166-173.	0.7	21
56	Acupuncture to enhance gut motility. Focus on Alternative and Complementary Therapies, 2011, 16, 223-224.	0.1	0
57	Identification of positions in the human neuropeptide Y/peptide YY receptor Y2 that contribute to pharmacological differences between receptor subtypes. Neuropeptides, 2011, 45, 293-300.	0.9	13
58	Internalization studies of chimeric neuropeptide Y receptors Y1 and Y2 suggest complex interactions between cytoplasmic domains. Regulatory Peptides, 2011, 168, 50-58.	1.9	10
59	Evolution of the Insulin-Like Growth Factor Binding Protein (IGFBP) Family. Endocrinology, 2011, 152, 2278-2289.	1.4	123
60	Regulation of Synaptic Vesicle Budding and Dynamin Function by an EHD ATPase. Journal of Neuroscience, 2011, 31, 13972-13980.	1.7	46
61	Differential Evolution of Voltage-Gated Sodium Channels in Tetrapods and Teleost Fishes. Molecular Biology and Evolution, 2011, 28, 859-871.	3.5	72
62	Concomitant Duplications of Opioid Peptide and Receptor Genes before the Origin of Jawed Vertebrates. PLoS ONE, 2010, 5, e10512.	1.1	94
63	Peripheral administration of pancreatic polypeptide inhibits components of food-intake behavior in dogs. Peptides, 2010, 31, 1055-1061.	1.2	4
64	Mutagenesis of human neuropeptide Y/peptide YY receptor Y2 reveals additional differences to Y1 in interactions with highly conserved ligand positions. Regulatory Peptides, 2010, 163, 120-129.	1.9	15
65	Perspective on Roseroot(Rhodiola rosea)Studies. Planta Medica, 2009, 75, 1187-1190.	0.7	20
66	Evolution of vertebrate rod and cone phototransduction genes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2867-2880.	1.8	91
67	Melanocortin peptides affect the motivation to feed in rainbow trout (Oncorhynchus mykiss). General and Comparative Endocrinology, 2009, 160, 134-138.	0.8	55
68	Major Genomic Events and Their Consequences for Vertebrate Evolution and Endocrinology. Annals of the New York Academy of Sciences, 2009, 1163, 201-208.	1.8	26
69	Steroid Biosynthesis within the Frog Brain. Annals of the New York Academy of Sciences, 2009, 1163, 83-92.	1.8	29
70	Evolution of the Growth Hormoneâ€“Prolactinâ€“Somatolactin System in Relation to Vertebrate Tetraploidizations. Annals of the New York Academy of Sciences, 2009, 1163, 491-493.	1.8	17
71	Early Duplications of Opioid Receptor and Peptide Genes in Vertebrate Evolution. Annals of the New York Academy of Sciences, 2009, 1163, 451-453.	1.8	17
72	Neuropeptide Y-family peptides and receptors in the elephant shark, Callorhinchus milii confirm gene duplications before the gnathostome radiation. Genomics, 2009, 93, 254-260.	1.3	50

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73	Evolution of the neuropeptide Y family: New genes by chromosome duplications in early vertebrates and in teleost fishes. General and Comparative Endocrinology, 2008, 155, 705-716.	0.8	97
74	Early vertebrate chromosome duplications and the evolution of the neuropeptide Y receptor gene regions. BMC Evolutionary Biology, 2008, 8, 184.	3.2	62
75	Phylogenetic and chromosomal analyses of multiple gene families syntenic with vertebrate Hox clusters. BMC Evolutionary Biology, 2008, 8, 254.	3.2	57
76	Birth and death of neuropeptide Y receptor genes in relation to the teleost fish tetraploidization. Gene, 2008, 409, 61-71.	1.0	47
77	Evolution of vertebrate opioid receptors. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15487-15492.	3.3	113
78	Cloning and sequence analysis of the neuropeptide Y receptors Y5 and Y6 in the coelacanth Latimeria chalumnae. General and Comparative Endocrinology, 2007, 150, 337-342.	0.8	9
79	Peptide hormone and receptor evolution. General and Comparative Endocrinology, 2007, 153, 147.	0.8	0
80	Uneven evolutionary rates of bradykinin B1 and B2 receptors in vertebrate lineages. Gene, 2006, 373, 100-108.	1.0	15
81	Cloning and characterization of a zebrafish Y2 receptor. Regulatory Peptides, 2006, 133, 32-40.	1.9	16
82	Characterization of NPY receptor subtypes Y2 and Y7 in rainbow trout Oncorhynchus mykiss. Peptides, 2006, 27, 1320-1327.	1.2	27
83	Re-evaluation of receptorâ€“ligand interactions of the human neuropeptide Y receptor Y1: a site-directed mutagenesis study. Biochemical Journal, 2006, 393, 161-169.	1.7	35
84	Neuropeptide Y-family receptors Y6 and Y7 in chicken. FEBS Journal, 2006, 273, 2048-2063.	2.2	54
85	Fakes and fraud in commercial diets. Scandinavian Journal of Nutrition, 2005, 49, 78-80.	0.2	2
86	Bradykinin Receptors in the Zebrafish (Danio rerio). Annals of the New York Academy of Sciences, 2005, 1040, 246-248.	1.8	4
87	Pufferfish and Zebrafish Have Five Distinct NPY Receptor Subtypes, but Have Lost Appetite Receptors Y1 and Y5. Annals of the New York Academy of Sciences, 2005, 1040, 375-377.	1.8	24
88	Developmental Expression of NPY/PYY Receptors zYb and zYc in Zebrafish. Annals of the New York Academy of Sciences, 2005, 1040, 399-401.	1.8	8
89	Effects of a Teleost Tetraploidization on Neuropeptide Y Receptor Gene Repertoire in Ray-Finned Fishes. Annals of the New York Academy of Sciences, 2005, 1040, 457-459.	1.8	13
90	Ray-Fin Fish Tetraploidization Gave Rise to Pufferfish Duplicates of NPY and PYY, but Zebrafish NPY Duplicate Was Lost. Annals of the New York Academy of Sciences, 2005, 1040, 476-478.	1.8	21

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91	Preface: The Beauty of the Comparative Approach. Annals of the New York Academy of Sciences, 2005, 1040, xv-xix.	1.8	0
92	Pharmacological characterization of ligand-receptor interactions at the zebrafish bradykinin receptor. British Journal of Pharmacology, 2005, 144, 11-16.	2.7	14
93	The evolution of neuroendocrine peptides. General and Comparative Endocrinology, 2005, 142, 53-59.	0.8	59
94	Evolutionary perspective on the NPY-PYY-PP peptides and their receptors. , 2005, , 3-28.		0
95	Sensed presence and mystical experiences are predicted by suggestibility, not by the application of transcranial weak complex magnetic fields. Neuroscience Letters, 2005, 379, 1-6.	1.0	133
96	Reply to M.A. Persinger and S. A. Koren's response to Granqvist et al. â€œSensed presence and mystical experiences are predicted by suggestibility, not by the application of transcranial weak magnetic fieldsâ€. Neuroscience Letters, 2005, 380, 348-350.	1.0	17
97	Identification of Duplicated Fourth Î±2-Adrenergic Receptor Subtype by Cloning and Mapping of Five Receptor Genes in Zebrafish. Molecular Biology and Evolution, 2004, 21, 14-28.	3.5	56
98	Molecular evolution of NPY receptor subtypes. Neuropeptides, 2004, 38, 141-151.	0.9	183
99	Novel Neuropeptide Y Y2-Like Receptor Subtype in Zebrafish and Frogs Supports Early Vertebrate Chromosome Duplications. Journal of Molecular Evolution, 2004, 58, 106-114.	0.8	44
100	Extensive duplications of phototransduction genes in early vertebrate evolution correlate with block (chromosome) duplications. Genomics, 2004, 83, 852-872.	1.3	53
101	Localization of neuropeptide Y receptor Y5 mRNA in the guinea pig brain by in situ hybridization. Regulatory Peptides, 2004, 117, 61-67.	1.9	5
102	Phylogeny of NPY-Family Peptides and Their Receptors. Handbook of Experimental Pharmacology, 2004, , 75-100.	0.9	12
103	Neuropeptide Y, Evolution of. , 2004, , 343-345.		1
104	Title is missing!. Journal of Structural and Functional Genomics, 2003, 3, 53-63.	1.2	88
105	Presence of melanocortin (MC4) receptor in spiny dogfish suggests an ancient vertebrate origin of central melanocortin system. FEBS Journal, 2003, 270, 213-221.	0.2	56
106	Agonists for neuropeptide Y receptors Y1 and Y5 stimulate different phases of feeding in guinea pigs. British Journal of Pharmacology, 2003, 139, 1433-1440.	2.7	40
107	Cloning, pharmacology, and distribution of the neuropeptide Y-receptor Yb in rainbow trout. Peptides, 2003, 24, 385-395.	1.2	12
108	Mutational analysis of the Acropora millepora PaxD paired domain highlights the importance of the linker region for DNA binding. Gene, 2003, 320, 81-87.	1.0	1

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109	Remarkable synteny conservation of melanocortin receptors in chicken, human, and other vertebrates. Genomics, 2003, 81, 504-509.	1.3	42
110	Three Neuropeptide Y Receptor Genes in the Spiny Dogfish, Squalus acanthias, Support en Bloc Duplications in Early Vertebrate Evolution. Molecular Biology and Evolution, 2003, 20, 1271-1280.	3.5	25
111	Numerous groups of chromosomal regional paralogies strongly indicate two genome doublings at the root of the vertebrates. Journal of Structural and Functional Genomics, 2003, 3, 53-63.	1.2	35
112	Chicken neuropeptide Y-family receptor Y4: a receptor with equal affinity for pancreatic polypeptide, neuropeptide Y and peptide YY. Journal of Molecular Endocrinology, 2002, 28, 225-235.	1.1	42
113	Neuropeptide Y Inhibits Spontaneous Î±-Melanocyte-Stimulating Hormone (Î±-MSH) Release via a Y5 Receptor and Suppresses Thyrotropin-Releasing Hormone-Induced Î±-MSH Secretion via a Y1 Receptor in Frog Melanotrope Cells. Endocrinology, 2002, 143, 1686-1694.	1.4	22
114	Neuropeptide Y Inhibits the Biosynthesis of Sulfated Neurosteroids in the Hypothalamus through Activation of Y1Receptors. Endocrinology, 2002, 143, 1950-1963.	1.4	29
115	The Human Hox-bearing Chromosome Regions Did Arise by Block or Chromosome (or Even Genome) Duplications. Genome Research, 2002, 12, 1910-1920.	2.4	109
116	Cloning, structural characterization and functional expression of a zebrafish bradykinin B2-related receptor. Biochemical Journal, 2002, 364, 817-824.	1.7	17
117	Comparative Genomics by Capture PCR. Genomics, 2002, 79, 442-446.	1.3	0
118	Reciprocal mutations of neuropeptide Y receptor Y2 in human and chicken identify amino acids important for antagonist binding. FEBS Letters, 2002, 518, 5-9.	1.3	28
119	Pharmacological comparison of rat and human melanocortin 3 and 4 receptors in vitro. Regulatory Peptides, 2002, 106, 7-12.	1.9	29
120	Neuropeptide Y effects on vasorelaxation and intestinal contraction in the Atlantic cod Gadus morhua. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R1414-R1421.	0.9	20
121	Zebrafish Genes for Neuropeptide Y and Peptide YY Reveal Origin by Chromosome Duplication from an Ancestral Gene Linked to the Homeobox Cluster. Journal of Neurochemistry, 2002, 75, 908-918.	2.1	70
122	Pharmacological characterization of cloned chicken neuropeptideâ€ƒY receptors Y1 and Y5. Journal of Neurochemistry, 2002, 81, 462-471.	2.1	43
123	One melanocortinâ€ƒ4 and two melanocortinâ€ƒ5 receptors from zebrafish show remarkable conservation in structure and pharmacology. Journal of Neurochemistry, 2002, 82, 6-18.	2.1	107
124	Receptor subtypes Y1 and Y5 mediate neuropeptide Y induced feeding in the guinea-pig. British Journal of Pharmacology, 2002, 135, 2029-2037.	2.7	58
125	Origins of the many NPY-family receptors in mammals. Peptides, 2001, 22, 295-307.	1.2	114
126	Studies of the human, rat, and guinea pig Y4 receptors using neuropeptide Y analogues and two distinct radioligands. Peptides, 2001, 22, 351-356.	1.2	22

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127	Cloning and characterization of the guinea pig neuropeptide Y receptor Y5. Peptides, 2001, 22, 357-363.	1.2	34
128	A neuropeptide Y receptor Y1-subfamily gene from an agnathan, the European river lamprey. FEBS Journal, 2001, 268, 6146-6154.	0.2	26
129	Neuropeptide expression in rat paraventricular hypothalamic neurons that project to the spinal cord. Journal of Comparative Neurology, 2001, 433, 222-238.	0.9	117
130	Binding of chimeric npy/galanin peptides M32 and M242 to cloned neuropeptide Y receptor subtypes Y1, Y2, Y4, and Y5. Neuropeptides, 2001, 35, 148-153.	0.9	3
131	Binding properties of three neuropeptide Y receptor subtypes from zebrafish: comparison with mammalian Y1 receptors. Biochemical Pharmacology, 2000, 60, 1815-1822.	2.0	14
132	Y4 Receptor in Different Species: Functional Expression and Binding. , 2000, 153, 45-51.		0
133	Evolution of the Neuropeptide Y Receptor Family: Gene and Chromosome Duplications Deduced from the Cloning and Mapping of the Five Receptor Subtype Genes in Pig. Genome Research, 2000, 10, 302-310.	2.4	74
134	Neuropeptide Y Receptor Gene y6: Multiple Deaths or Resurrections?. Biochemical and Biophysical Research Communications, 2000, 277, 264-269.	1.0	62
135	Molecular evolution of the neuropeptide Y (NPY) family of peptides: cloning of three NPY-related peptides from the sea bass (Dicentrarchus labrax). Regulatory Peptides, 2000, 95, 25-34.	1.9	73
136	Chicken neuropeptide Y receptor Y2: structural and pharmacological differences to mammalian Y21. FEBS Letters, 2000, 484, 229-234.	1.3	46
137	Neuropeptide Y family of peptides: Structure, anatomical expression, function, and molecular evolution. Biochemistry and Cell Biology, 2000, 78, 371-392.	0.9	205
138	Neuropeptide Y family of peptides: structure, anatomical expression, function, and molecular evolution. Biochemistry and Cell Biology, 2000, 78, 371-92.	0.9	34
139	Perturbation of the synaptic release machinery in hippocampal neurons by overexpression of SNAP-25 with the Semliki Forest virus vector. European Journal of Neuroscience, 1999, 11, 1981-1987.	1.2	37
140	Characterization of the Cloned Atlantic Cod Neuropeptide Y-Yb Receptor: Peptide-Binding Requirements Distinct from Known Mammalian Y Receptors. General and Comparative Endocrinology, 1999, 115, 422-428.	0.8	12
141	Inhibition of neurotransmitter release in the lamprey reticulospinal synapse by antibody-mediated disruption of SNAP-25 function. European Journal of Cell Biology, 1999, 78, 787-793.	1.6	14
142	The cloned guinea pig neuropeptide Y receptor Y1 conforms to other mammalian Y1 receptors. Peptides, 1999, 20, 1043-1053.	1.2	35
143	Neuropeptide Y receptor subtype with unique properties cloned in the zebrafish: the zYa receptor. Molecular Brain Research, 1999, 70, 242-252.	2.5	45
144	Co-localized neuropeptide Y and GABA have complementary presynaptic effects on sensory synaptic transmission. European Journal of Neuroscience, 1998, 10, 2856-2870.	1.2	38

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145	Vertebrate genome evolution and the zebrafish gene map. Nature Genetics, 1998, 18, 345-349.	9.4	792
146	Evolution of the Neuropeptide Y Family and Its Receptorsa. Annals of the New York Academy of Sciences, 1998, 839, 35-40.	1.8	35
147	Cloning of Neuropeptide Y, Peptide YY, and Peptide Y from Sea Bass (Dicentrarchus labrax), A Marine Teleosta. Annals of the New York Academy of Sciences, 1998, 839, 493-495.	1.8	15
148	Cloning of Neuropeptide Y Receptors in Zebrafisha. Annals of the New York Academy of Sciences, 1998, 839, 515-517.	1.8	0
149	Cloning of two loci for synapse protein Snap25 in zebrafish: Comparison of paralogous linkage groups suggests loss of one locus in the mammalian lineage. Journal of Neuroscience Research, 1998, 54, 563-573.	1.3	17
150	Preprocholecystokinin mRNA-expressing neurons in the rat parabrachial nucleus: Subnuclear localization, efferent projection, and expression of nociceptive-related intracellular signaling substances. Journal of Comparative Neurology, 1998, 400, 255-270.	0.9	32
151	FISH mapping of the porcine NPY5 gene to Chromosome 8p11. Mammalian Genome, 1998, 9, 262-263.	1.0	2
152	Cloning and functional expression of the guinea pig neuropeptide Y Y2 receptor. Regulatory Peptides, 1998, 75-76, 23-28.	1.9	26
153	The cloned guinea pig pancreatic polypeptide receptor Y4 resembles more the human Y4 than does the rat Y4. Regulatory Peptides, 1998, 75-76, 29-37.	1.9	46
154	Cloning of a neuropeptide Y/peptide YY receptor from the atlantic cod: the Yb receptor. Regulatory Peptides, 1998, 75-76, 39-43.	1.9	26
155	XVI. International Union of Pharmacology recommendations for the nomenclature of neuropeptide Y, peptide YY, and pancreatic polypeptide receptors. Pharmacological Reviews, 1998, 50, 143-50.	7.1	726
156	Preprocholecystokinin mRNA-expressing neurons in the rat parabrachial nucleus: subnuclear localization, efferent projection, and expression of nociceptive-related intracellular signaling substances. Journal of Comparative Neurology, 1998, 400, 255-70.	0.9	11
157	Cloning and Characterization of a Novel Neuropeptide Y Receptor Subtype in the Zebrafish. DNA and Cell Biology, 1997, 16, 1357-1363.	0.9	57
158	Multiplicity of Neuropeptide Y Receptors: Cloning of a Third Distinct Subtype in the Zebrafish. Biochemical and Biophysical Research Communications, 1997, 241, 749-755.	1.0	43
159	Embryonic expression of the mRNA for the rat homologue of the fusin/CXCR-4 HIV-1 co-receptor. Journal of Neuroimmunology, 1997, 79, 148-154.	1.1	74
160	[125 I]Leu 31 , Pro 34 -PYY is a High Affinity Radioligand for Rat PP1/Y4 and Y1 Receptors: Evidence for Heterogeneity in Pancreatic Polypeptide Receptors. Peptides, 1997, 18, 397-401.	1.2	62
161	Differential distribution of glutamate decarboxylase-65 and glutamate decarboxylase-67 messenger RNAs in the entopeduncular nucleus of the rat. Neuroscience, 1997, 78, 87-97.	1.1	13
162	Complex gene organization of synaptic protein SNAP-25 in Drosophila melanogaster. Gene, 1997, 194, 169-177.	1.0	24

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163	Evolution of neuropeptide Y, peptide YY and pancreatic polypeptide. Regulatory Peptides, 1996, 62, 1-11.	1.9	356
164	Structural diversity of receptors for neuropeptide Y, peptide YY and pancreatic polypeptide. Regulatory Peptides, 1996, 65, 165-174.	1.9	220
165	The neuropeptide Y Y1 receptor selective radioligand, [125I][Leu31,Pro34]peptide YY, is also a high affinity radioligand for human pancreatic polypeptide 1 receptors. European Journal of Pharmacology, 1996, 318, 485-490.	1.7	24
166	The cloned rat pancreatic polypeptide receptor exhibits profound differences to the orthologous receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 5111-5115.	3.3	104
167	Lack of Biological Significance in the 'Linguistic Features' of Noncoding DNA--A Quantitative Analysis. Nucleic Acids Research, 1996, 24, 1676-1681.	6.5	25
168	Characterization of the peptide binding requirements for the cloned human pancreatic polypeptide-preferring receptor. Molecular Pharmacology, 1996, 50, 112-8.	1.0	68
169	Chapter 4 Peptidergic neurons in the vertebrate spinal cord: evolutionary trends. Progress in Brain Research, 1995, 104, 61-74.	0.9	3
170	Cloning and sequence analysis of a neuropeptide Y/peptide YY receptor Y1 cDNA from Xenopus laevis. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1261, 439-441.	2.4	40
171	Cloning of a Human Receptor of the NPY Receptor Family with High Affinity for Pancreatic Polypeptide and Peptide YY. Journal of Biological Chemistry, 1995, 270, 29123-29128.	1.6	294
172	Characterization of three separated exons in the HLA class II DR region of the human major histocompatibility complex. Human Immunology, 1995, 42, 254-264.	1.2	20
173	Evolution of the Neuropeptide Y-Peptide Yy Family. Animal Biology, 1994, 45, 15-17.	0.4	1
174	Neuropeptide role of both peptide YY and neuropeptide Y in vertebrates suggested by abundant expression of their mRNAS in a cyclostome brain. Journal of Neuroscience Research, 1994, 37, 633-640.	1.3	73
175	Molecular Genetic Aspects of Tetraploidy in the Common Carp Cyprinus carpio. Molecular Phylogenetics and Evolution, 1994, 3, 59-68.	1.2	161
176	A Quantitative Test of Long-range Correlations and Compositional Fluctuations in DNA Sequences. FEBS Journal, 1994, 224, 365-371.	0.2	13
177	Are there any â€˜fractalsâ€™ in DNA of living organisms?. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1994, 98, 1141-1141.	0.9	0
178	Long-range correlations in DNA. Nature, 1993, 361, 212-213.	13.7	97
179	Actions of Goldfish Neuropeptide Y on the Secretion of Growth Hormone and Gonadotropin-II in Female Goldfish. General and Comparative Endocrinology, 1993, 90, 306-317.	0.8	80
180	Molecular Cloning of a Functional Human Thyrotropin-Releasing Hormone Receptor. Biochemical and Biophysical Research Communications, 1993, 195, 179-185.	1.0	53

#	Article	IF	Citations
181	Evolution of neuropeptide Y and its related peptides. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1993, 106, 743-752.	0.5	54
182	A proposed bovine neuropeptide Y (NPY) receptor cDNA clone, or its human homologue, confers neither NPY binding sites nor NPY responsiveness on transfected cells. Regulatory Peptides, 1993, 47, 247-258.	1.9	89
183	Expression of peptide YY and mRNA for the NPY/PYY receptor of the Y1 subtype in dorsal root ganglia during rat embryogenesis. Developmental Brain Research, 1993, 76, 105-113.	2.1	46
184	Multiple loci for synapse protein SNAP-25 in the tetraploid goldfish.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 10598-10602.	3.3	63
185	Biological origins of long-range correlations and compositional variations in DNA. Nucleic Acids Research, 1993, 21, 5167-5170.	6.5	42
186	Evolutionary conservation of synaptosome-associated protein 25 kDa (SNAP-25) shown by Drosophila and Torpedo cDNA clones. Journal of Biological Chemistry, 1993, 268, 24408-14.	1.6	48
187	The receptor revolution--multiplicity of G-protein-coupled receptors. Drug Design and Discovery, 1993, 9, 179-88.	0.3	4
188	Strong evolutionary conservation of neuropeptide Y: sequences of chicken, goldfish, and Torpedo marmorata DNA clones.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 2350-2354.	3.3	183
189	Differential expression of mRNAs for neuropeptide Y-related peptides in rat nervous tissues: possible evolutionary conservation. Journal of Neuroscience, 1992, 12, 3361-3371.	1.7	95
190	Cloning and functional expression of a human neuropeptide Y/peptide YY receptor of the Y1 type.. Journal of Biological Chemistry, 1992, 267, 10935-10938.	1.6	393
191	Cloning and functional expression of a human neuropeptide Y/peptide YY receptor of the Y1 type. Journal of Biological Chemistry, 1992, 267, 10935-8.	1.6	327
192	Expression of a conserved cell-type-specific protein in nerve terminals coincides with synaptogenesis.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 785-789.	3.3	111
193	Letter to the editor. Immunogenetics, 1991, 34, 66-67.	1.2	0
194	Cocaine-induced reduction of brain neuropeptide Y synthesis dependent on medial prefrontal cortex.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2078-2082.	3.3	72
195	Identification of a conserved protein motif in a group of growth factor receptors. FEBS Letters, 1990, 272, 7-11.	1.3	53
196	Characterization of antibodies to synthetic nerve growth factor (NGF) and ProNGF peptides. Journal of Neuroscience Research, 1989, 22, 223-240.	1.3	31
197	Phylogenetic relationship of birds with crocodiles and mammals, as deduced from protein sequences.. Molecular Biology and Evolution, 1989, 6, 693-6.	3.5	7
198	Rat ?-nerve growth factor sequence and site of synthesis in the adult hippocampus. Journal of Neuroscience Research, 1988, 20, 403-410.	1.3	311

#	Article	IF	Citations
199	Neuropeptide tyrosine in the rat adrenal glandâ€"immunohistochemical and in situ hybridization studies. Neuroscience, 1988, 24, 337-349.	1.1	82
200	Family relationships of murine major histocompatibility complex class I genes. Sequence of the T2Aa pseudogene, a member of gene family 3. Journal of Biological Chemistry, 1988, 263, 7055-9.	1.6	3
201	Detection of neuropeptide Y and its mRNA in megakaryocytes: enhanced levels in certain autoimmune mice.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 5585-5589.	3.3	110
202	Structure and expression of the rat neuropeptide Y gene.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 2068-2072.	3.3	285
203	A Molecular Genetic Approach to the Identification of Genes Expressed Predominantly in the Neuroendocrine and Immune Systems. Immunological Reviews, 1987, 100, 261-277.	2.8	22
204	Class II genes of the human major histocompatibility complex. Organization and evolutionary relationship of the DR beta genes. Journal of Biological Chemistry, 1987, 262, 8748-58.	1.6	152
205	Class II genes of the human major histocompatibility complex. Comparisons of the DQ and DX alpha and beta genes. Journal of Biological Chemistry, 1987, 262, 8767-77.	1.6	85
206	Class II genes of the human major histocompatibility complex. Evolution of the DP region as deduced from nucleotide sequences of the four genes. Journal of Biological Chemistry, 1987, 262, 8778-86.	1.6	57
207	Spontaneous insertions into cosmid vector: a warning. Gene, 1986, 42, 215-219.	1.0	8
208	Structure of the human Ia-associated invariant (gamma)-chain gene: identification of 5' sequences shared with major histocompatibility complex class II genes.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 4484-4488.	3.3	50
209	Structure and expression of the chicken beta nerve growth factor gene. EMBO Journal, 1986, 5, 1483-7.	3.5	25
210	Expression of MHC class II antigens in human B-cell leukaemia, and increased levels of class II antigens and DR-specific mRNA after stimulation with 12-O-tetradecanoyl phorbol-13-acetate. Immunology, 1986, 57, 181-8.	2.0	10
211	Characterization of an HLA DR beta pseudogene.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 1475-1479.	3.3	143
212	Mouse MHC class II gene E ?2 is closely related to E ? and to HLA-DR ?. Immunogenetics, 1985, 21, 613-616.	1.2	14
213	Generation of Class II Antigen Polymorphism. Immunological Reviews, 1985, 84, 123-143.	2.8	53
214	Sequence of gene and cDNA encoding murine major histocompatibility complex class II gene A beta 2. Journal of Biological Chemistry, 1985, 260, 14111-9.	1.6	48
215	Amino acid sequence homologies between rabbit, rat, and human serum retinol-binding proteins. Journal of Biological Chemistry, 1985, 260, 6472-80.	1.6	56
216	Signal Sequences Distinguish Class II Histocompatibility Antigen ss Chains of Different Loci. Scandinavian Journal of Immunology, 1984, 19, 91-97.	1.3	26

#	Article	IF	Citations
217	The gene encoding the human class II antigen-associated ? chain is located on chromosome 5. Immunogenetics, 1984, 20, 89-93.	1.2	47
218	Both alpha and beta chains of HLA-DC class II histocompatibility antigens display extensive polymorphism in their amino-terminal domains. EMBO Journal, 1984, 3, 447-52.	3.5	65
219	Mutations and selection in the generation of class II histocompatibility antigen polymorphism. EMBO Journal, 1984, 3, 1655-61.	3.5	85
220	Molecular map of the human HLA-SB (HLA-DP) region and sequence of an SB alpha (DP alpha) pseudogene. EMBO Journal, 1984, 3, 3209-14.	3.5	23
221	Molecular analysis of human class II transplantation antigens and their genes. Human Immunology, 1983, 8, 95-103.	1.2	39
222	Structure of the murine immune response I-AÎ² locus: Sequence of the I-AÎ² gene and an adjacent Î²-chain second domain exon. Cell, 1983, 34, 179-188.	13.5	198
223	The complete nucleotide sequence of the I-EÎ±dimmune response gene. Nucleic Acids Research, 1983, 11, 5055-5071.	6.5	100
224	cDNA clone for the human invariant gamma chain of class II histocompatibility antigens and its implications for the protein structure.. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 7395-7399.	3.3	153
225	Exon-intron organization and complete nucleotide sequence of a human major histocompatibility antigen DC beta gene.. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 7313-7317.	3.3	159
226	Complete amino acid sequence of an HLA-DR antigen-like beta chain as predicted from the nucleotide sequence: similarities with immunoglobulins and HLA-A, -B, and -C antigens.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 3687-3691.	3.3	323
227	Isolation and identification of a cDNA clone corresponding to an HLA-DR antigen beta chain.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 1703-1707.	3.3	89
228	Alpha chain of HLA-DR transplantation antigens is a member of the same protein superfamily as the immunoglobulins. Cell, 1982, 30, 153-161.	13.5	179
229	Isolation and Identification of a cDNA Clone Coding for an HLA-DR Transplantation Antigen alpha-Chain. Scandinavian Journal of Immunology, 1982, 16, 303-308.	1.3	12
230	cDNA clone coding for part of a mouse H-2d major histocompatibility antigen.. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 2772-2776.	3.3	72
231	Evolutionary Relationship Between HLA-DR Antigen beta-Chains, HLA-A, B, C Antigen Subunits and Immunoglobulin Chains. Scandinavian Journal of Immunology, 1981, 14, 617-622.	1.3	42
232	Structure of C-terminal half of two Hâ€“2 antigens from cloned mRNA. Nature, 1981, 292, 78-81.	13.7	79