Dan Larhammar

List of Publications by Year in descending order

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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	Vertebrate genome evolution and the zebrafish gene map. Nature Genetics, 1998, 18, 345-349.	9.4	792
2	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
3	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
4	Evolution of neuropeptide Y, peptide YY and pancreatic polypeptide. Regulatory Peptides, 1996, 62, 1-11.	1.9	356
5	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
6	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
7	Rat ?-nerve growth factor sequence and site of synthesis in the adult hippocampus. Journal of Neuroscience Research, 1988, 20, 403-410.	1.3	311
8	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
9	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
10	Structural diversity of receptors for neuropeptide Y, peptide YY and pancreatic polypeptide. Regulatory Peptides, 1996, 65, 165-174.	1.9	220
11	Neuropeptide Y family of peptides: Structure, anatomical expression, function, and molecular evolution. Biochemistry and Cell Biology, 2000, 78, 371-392.	0.9	205
12	Structure of the murine immune response I-A \hat{l}^2 locus: Sequence of the I-A \hat{l}^2 gene and an adjacent \hat{l}^2 -chain second domain exon. Cell, 1983, 34, 179-188.	13.5	198
13	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
14	Molecular evolution of NPY receptor subtypes. Neuropeptides, 2004, 38, 141-151.	0.9	183
15	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
16	Evolution of neuropeptide signalling systems. Journal of Experimental Biology, 2018, 221, .	0.8	164
17	Molecular Genetic Aspects of Tetraploidy in the Common Carp Cyprinus carpio. Molecular Phylogenetics and Evolution, 1994, 3, 59-68.	1.2	161
18	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

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19	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
20	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
21	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
22	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
23	Evolution of the Insulin-Like Growth Factor Binding Protein (IGFBP) Family. Endocrinology, 2011, 152, 2278-2289.	1.4	123
24	Neuropeptide expression in rat paraventricular hypothalamic neurons that project to the spinal cord. Journal of Comparative Neurology, 2001, 433, 222-238.	0.9	117
25	Origins of the many NPY-family receptors in mammals. Peptides, 2001, 22, 295-307.	1.2	114
26	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
27	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
28	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
29	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
30	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
31	One melanocortinâ \in f 4 and two melanocortinâ \in f 5 receptors from zebrafish show remarkable conservation in structure and pharmacology. Journal of Neurochemistry, 2002, 82, 6-18.	2.1	107
32	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
33	The complete nucleotide sequence of the I-EÎ \pm dimmune response gene. Nucleic Acids Research, 1983, 11, 5055-5071.	6.5	100
34	Structural basis of ligand binding modes at the neuropeptide YY1 receptor. Nature, 2018, 556, 520-524.	13.7	100
35	Long-range correlations in DNA. Nature, 1993, 361, 212-213.	13.7	97
36	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

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37	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
38	Concomitant Duplications of Opioid Peptide and Receptor Genes before the Origin of Jawed Vertebrates. PLoS ONE, 2010, 5, e10512.	1.1	94
39	Evolution of vertebrate rod and cone phototransduction genes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2867-2880.	1.8	91
40	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
41	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
42	Title is missing!. Journal of Structural and Functional Genomics, 2003, 3, 53-63.	1.2	88
43	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
44	Mutations and selection in the generation of class II histocompatibility antigen polymorphism. EMBO Journal, 1984, 3, 1655-61.	3.5	85
45	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
46	Neuropeptide tyrosine in the rat adrenal glandâ€"immunohistochemical and in situ hybridization studies. Neuroscience, 1988, 24, 337-349.	1.1	82
47	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
48	Structure of C-terminal half of two H–2 antigens from cloned mRNA. Nature, 1981, 292, 78-81.	13.7	79
49	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
50	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
51	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
52	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
53	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
54	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

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55	Differential Evolution of Voltage-Gated Sodium Channels in Tetrapods and Teleost Fishes. Molecular Biology and Evolution, 2011, 28, 859-871.	3.5	72
56	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
57	Characterization of the peptide binding requirements for the cloned human pancreatic polypeptide-preferring receptor. Molecular Pharmacology, 1996, 50, 112-8.	1.0	68
58	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
59	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
60	[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
61	Neuropeptide Y Receptor Gene y6: Multiple Deaths or Resurrections?. Biochemical and Biophysical Research Communications, 2000, 277, 264-269.	1.0	62
62	Early vertebrate chromosome duplications and the evolution of the neuropeptide Y receptor gene regions. BMC Evolutionary Biology, 2008, 8, 184.	3.2	62
63	The evolution of neuroendocrine peptides. General and Comparative Endocrinology, 2005, 142, 53-59.	0.8	59
64	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
65	Cloning and Characterization of a Novel Neuropeptide Y Receptor Subtype in the Zebrafish. DNA and Cell Biology, 1997, 16, 1357-1363.	0.9	57
66	Phylogenetic and chromosomal analyses of multiple gene families syntenic with vertebrate Hox clusters. BMC Evolutionary Biology, 2008, 8, 254.	3.2	57
67	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
68	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
69	Identification of Duplicated Fourth α2-Adrenergic Receptor Subtype by Cloning and Mapping of Five Receptor Genes in Zebrafish. Molecular Biology and Evolution, 2004, 21, 14-28.	3.5	56
70	Amino acid sequence homologies between rabbit, rat, and human serum retinol-binding proteins. Journal of Biological Chemistry, 1985, 260, 6472-80.	1.6	56
71	Melanocortin peptides affect the motivation to feed in rainbow trout (Oncorhynchus mykiss). General and Comparative Endocrinology, 2009, 160, 134-138.	0.8	55
72	Evolution of neuropeptide Y and its related peptides. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1993, 106, 743-752.	0.5	54

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73	Neuropeptide Y-family receptors Y6 and Y7 in chicken. FEBS Journal, 2006, 273, 2048-2063.	2.2	54
74	MOLECULAR EVOLUTION OF GPCRS: Somatostatin/urotensin II receptors. Journal of Molecular Endocrinology, 2014, 52, T61-T86.	1.1	54
75	Generation of Class II Antigen Polymorphism. Immunological Reviews, 1985, 84, 123-143.	2.8	53
76	Identification of a conserved protein motif in a group of growth factor receptors. FEBS Letters, 1990, 272, 7-11.	1.3	53
77	Molecular Cloning of a Functional Human Thyrotropin-Releasing Hormone Receptor. Biochemical and Biophysical Research Communications, 1993, 195, 179-185.	1.0	53
78	Extensive duplications of phototransduction genes in early vertebrate evolution correlate with block (chromosome) duplications. Genomics, 2004, 83, 852-872.	1.3	53
79	Corticotropin-releasing hormone family evolution: five ancestral genes remain in some lineages. Journal of Molecular Endocrinology, 2016, 57, 73-86.	1.1	52
80	Structure of the human la-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
81	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
82	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
83	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
84	The gene encoding the human class II antigen-associated? chain is located on chromosome 5. Immunogenetics, 1984, 20, 89-93.	1.2	47
85	Birth and death of neuropeptide Y receptor genes in relation to the teleost fish tetraploidization. Gene, 2008, 409, 61-71.	1.0	47
86	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
87	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
88	Chicken neuropeptide Y receptor Y2: structural and pharmacological differences to mammalian Y21. FEBS Letters, 2000, 484, 229-234.	1.3	46
89	Regulation of Synaptic Vesicle Budding and Dynamin Function by an EHD ATPase. Journal of Neuroscience, 2011, 31, 13972-13980.	1.7	46
90	The evolution of vertebrate somatostatin receptors and their gene regions involves extensive chromosomal rearrangements. BMC Evolutionary Biology, 2012, 12, 231.	3.2	46

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91	Evolution and expression of the phosphodiesterase 6 genes unveils vertebrate novelty to control photosensitivity. BMC Evolutionary Biology, 2016, 16, 124.	3.2	46
92	Neuropeptide Y receptor subtype with unique properties cloned in the zebrafish: the zYa receptor. Molecular Brain Research, 1999, 70, 242-252.	2.5	45
93	Evolution of the growth hormone, prolactin, prolactin 2 and somatolactin family. General and Comparative Endocrinology, 2018, 264, 94-112.	0.8	45
94	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
95	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
96	Pharmacological characterization of cloned chicken neuropeptideâ€fY receptors Y1 and Y5. Journal of Neurochemistry, 2002, 81, 462-471.	2.1	43
97	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
98	Biological origins of long-range correlations and compositional variations in DNA. Nucleic Acids Research, 1993, 21, 5167-5170.	6.5	42
99	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
100	Remarkable synteny conservation of melanocortin receptors in chicken, human, and other vertebrates. Genomics, 2003, 81, 504-509.	1.3	42
101	Transducin Duplicates in the Zebrafish Retina and Pineal Complex: Differential Specialisation after the Teleost Tetraploidisation. PLoS ONE, 2015, 10, e0121330.	1.1	41
102	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
103	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
104	Molecular analysis of human class II transplantation antigens and their genes. Human Immunology, 1983, 8, 95-103.	1.2	39
105	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
106	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
107	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
108	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

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109	The Arg–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
110	Evolution of vertebrate nicotinic acetylcholine receptors. BMC Evolutionary Biology, 2019, 19, 38.	3.2	36
111	Evolution of the Neuropeptide Y Family and Its Receptorsa. Annals of the New York Academy of Sciences, 1998, 839, 35-40.	1.8	35
112	The cloned guinea pig neuropeptide Y receptor Y1 conforms to other mammalian Y1 receptors. Peptides, 1999, 20, 1043-1053.	1.2	35
113	Re-evaluation of receptor–ligand interactions of the human neuropeptide Y receptor Y1: a site-directed mutagenesis study. Biochemical Journal, 2006, 393, 161-169.	1.7	35
114	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
115	Cloning and characterization of the guinea pig neuropeptide Y receptor Y5. Peptides, 2001, 22, 357-363.	1.2	34
116	Neuropeptide Y family of peptides: structure, anatomical expression, function, and molecular evolution. Biochemistry and Cell Biology, 2000, 78, 371-92.	0.9	34
117	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
118	The Neuropeptide Y System Regulates BothÂMechanical and Histaminergic Itch. Journal of Investigative Dermatology, 2018, 138, 2405-2411.	0.3	32
119	Characterization of antibodies to synthetic nerve growth factor (NGF) and ProNGF peptides. Journal of Neuroscience Research, 1989, 22, 223-240.	1.3	31
120	Neuropeptide Y Inhibits the Biosynthesis of Sulfated Neurosteroids in the Hypothalamus through Activation of Y1Receptors. Endocrinology, 2002, 143, 1950-1963.	1.4	29
121	Pharmacological comparison of rat and human melanocortin 3 and 4 receptors in vitro. Regulatory Peptides, 2002, 106, 7-12.	1.9	29
122	Steroid Biosynthesis within the Frog Brain. Annals of the New York Academy of Sciences, 2009, 1163, 83-92.	1.8	29
123	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
124	Expansion of transducin subunit gene families in early vertebrate tetraploidizations. Genomics, 2012, 100, 203-211.	1.3	28
125	Elucidation of the Binding Mode of the Carboxyterminal Region of Peptide YY to the Human Y ₂ Receptor. Molecular Pharmacology, 2018, 93, 323-334.	1.0	28
126	Characterization of NPY receptor subtypes Y2 and Y7 in rainbow trout Oncorhynchus mykiss. Peptides, 2006, 27, 1320-1327.	1.2	27

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127	Signal Sequences Distinguish Class II Histocompatibility Antigen ss Chains of Different Loci. Scandinavian Journal of Immunology, 1984, 19, 91-97.	1.3	26
128	Cloning and functional expression of the guinea pig neuropeptide Y Y2 receptor. Regulatory Peptides, 1998, 75-76, 23-28.	1.9	26
129	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
130	A neuropeptide Y receptor Y1-subfamily gene from an agnathan, the European river lamprey. FEBS Journal, 2001, 268, 6146-6154.	0.2	26
131	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
132	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
133	Lack of Biological Significance in the 'Linguistic Features' of Noncoding DNAA Quantitative Analysis. Nucleic Acids Research, 1996, 24, 1676-1681.	6.5	25
134	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
135	Structure and expression of the chicken beta nerve growth factor gene. EMBO Journal, 1986, 5, 1483-7.	3.5	25
136	The neuropeptide YY1 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
137	Complex gene organization of synaptic protein SNAP-25 in Drosophila melanogaster. Gene, 1997, 194, 169-177.	1.0	24
138	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
139	Oxytocin Receptors Regulate Social Preference in Zebrafish. Scientific Reports, 2020, 10, 5435.	1.6	24
140	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
141	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
142	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
143	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
144	Neuropeptide Y Inhibits Spontaneous Î \pm -Melanocyte-Stimulating Hormone (Î \pm -MSH) Release via a Y5 Receptor and Suppresses Thyrotropin-Releasing Hormone-Induced Î \pm -MSH Secretion via a Y1 Receptor in Frog Melanotrope Cells. Endocrinology, 2002, 143, 1686-1694.	1.4	22

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145	Ancient Grandeur of the Vertebrate Neuropeptide Y System Shown by the Coelacanth Latimeria chalumnae. Frontiers in Neuroscience, 2013, 7, 27.	1.4	22
146	Evolution of the Muscarinic Acetylcholine Receptors in Vertebrates. ENeuro, 2018, 5, ENEURO.0340-18.2018.	0.9	22
147	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
148	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
149	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
150	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
151	Perspective on Roseroot(Rhodiola rosea)Studies. Planta Medica, 2009, 75, 1187-1190.	0.7	20
152	Ancestral Vertebrate Complexity of the Opioid System. Vitamins and Hormones, 2015, 97, 95-122.	0.7	20
153	Copy number of pancreatic polypeptide receptor gene NPY4R correlates with body mass index and waist circumference. PLoS ONE, 2018, 13, e0194668.	1.1	20
154	Evolution of the Vertebrate Paralemmin Gene Family: Ancient Origin of Gene Duplicates Suggests Distinct Functions. PLoS ONE, 2012, 7, e41850.	1.1	18
155	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
156	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
157	Cloning, structural characterization and functional expression of a zebrafish bradykinin B2-related receptor. Biochemical Journal, 2002, 364, 817-824.	1.7	17
158	Reply to M.A. Persinger and S. A. Koren's response to Granqvist et al. "Sensed presence and mystical experiences are predicted by suggestibility, not by the application of transcranial weak magnetic fields― Neuroscience Letters, 2005, 380, 348-350.	1.0	17
159	Evolution of the Growth Hormone–Prolactin–Somatolactin System in Relation to Vertebrate Tetraploidizations. Annals of the New York Academy of Sciences, 2009, 1163, 491-493.	1.8	17
160	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
161	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
162	Neuropeptide Y, social function and long-term outcome in schizophrenia. Schizophrenia Research, 2014, 156, 223-227.	1.1	17

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