Robert J Harvey

List of Publications by Year
in descending order

163 papers	14,414 citations	28274 55 h-index	20358 116 g-index
168 all docs	168 docs citations	168 times ranked	16144 citing authors

#	Article	IF	Citations
1	Startle Disease: New Molecular Insights into an Old Neurological Disorder. Neuroscientist, 2023, 29, 767-781.	3.5	1
2	Clueless/CLUH regulates mitochondrial fission by promoting recruitment of Drp1 to mitochondria. Nature Communications, 2022, 13, 1582.	12.8	20
3	Loss, Gain and Altered Function of GlyR Î±2 Subunit Mutations in Neurodevelopmental Disorders. Frontiers in Molecular Neuroscience, 2022, 15, 886729.	2.9	7
4	Mining the 99 Lives Cat Genome Sequencing Consortium database implicates genes and variants for the Ticked locus in domestic cats (FelisÂcatus). Animal Genetics, 2021, 52, 321-332.	1.7	9
5	Application of the random forest algorithm to Streptococcus pyogenes response regulator allele variation: from machine learning to evolutionary models. Scientific Reports, 2021, 11, 12687.	3.3	3
6	Novel Functional Properties of Missense Mutations in the Glycine Receptor Î² Subunit in Startle Disease. Frontiers in Molecular Neuroscience, 2021, 14, 745275.	2.9	6
7	Presence of ethanolâ€sensitive and ethanolâ€insensitive glycine receptors in the ventral tegmental area and prefrontal cortex in mice. British Journal of Pharmacology, 2021, 178, 4691-4707.	5.4	3
8	Contribution of GlyR Î±3 Subunits to the Sensitivity and Effect of Ethanol in the Nucleus Accumbens. Frontiers in Molecular Neuroscience, 2021, 14, 756607.	2.9	4
9	Glycine Transporters and Receptors as Targets for Analgesics. Biomolecules, 2021, 11, 1676.	4.0	3
10	Lessons Learnt From Using the Machine Learning Random Forest Algorithm to Predict Virulence in Streptococcus pyogenes. Frontiers in Cellular and Infection Microbiology, 2021, 11, 809560.	3.9	1
11	A new mechanism for cannabidiol in regulating the oneâ€carbon cycle and methionine levels inDictyosteliumand in mammalian epilepsy models. British Journal of Pharmacology, 2020, 177, 912-928.	5.4	19
12	Effects of GABAA Receptor Î±3 Subunit Epilepsy Mutations on Inhibitory Synaptic Signaling. Frontiers in Molecular Neuroscience, 2020, 13, 602559.	2.9	6
13	Mutations in the Kinesin-2 Motor KIF3B Cause an Autosomal-Dominant Ciliopathy. American Journal of Human Genetics, 2020, 106, 893-904.	6.2	29
14	Glycine Receptor Complex Analysis Using Immunoprecipitationâ€Blue Native Gel Electrophoresisâ€Mass Spectrometry. Proteomics, 2020, 20, e1900403.	2.2	7
15	Effects of GluN2A and GluN2B gain-of-function epilepsy mutations on synaptic currents mediated by diheteromeric and triheteromeric NMDA receptors. Neurobiology of Disease, 2020, 140, 104850.	4.4	10
16	Ethanol consumption and sedation are altered in mice lacking the glycine receptor Î±2 subunit. British Journal of Pharmacology, 2020, 177, 3941-3956.	5.4	11
17	Hijacking of GABAA Receptors by Mutant Glycine Receptors. Trends in Molecular Medicine, 2019, 25, 823-825.	6.7	1
18	Mutation p.R356Q in the Collybistin Phosphoinositide Binding Site Is Associated With Mild Intellectual Disability. Frontiers in Molecular Neuroscience, 2019, 12, 60.	2.9	10

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19	IQSEC2mutation update and review of the female-specific phenotype spectrum including intellectual disability and epilepsy. Human Mutation, 2019, 40, 5-24.	2.5	36
20	Disease-associated missense mutations in GluN2B subunit alter NMDA receptor ligand binding and ion channel properties. Nature Communications, 2018, 9, 957.	12.8	58
21	Alpha2-Containing Glycine Receptors Promote Neonatal Spontaneous Activity of Striatal Medium Spiny Neurons and Support Maturation of Glutamatergic Inputs. Frontiers in Molecular Neuroscience, 2018, 11, 380.	2.9	15
22	Structure/Function Studies of the Î±4 Subunit Reveal Evolutionary Loss of a GlyR Subtype Involved in Startle and Escape Responses. Frontiers in Molecular Neuroscience, 2018, 11, 23.	2.9	16
23	Distinct Mechanisms of Pathogenic DJ-1 Mutations in Mitochondrial Quality Control. Frontiers in Molecular Neuroscience, 2018, 11, 68.	2.9	25
24	Functional Consequences of the Postnatal Switch From Neonatal to Mutant Adult Glycine Receptor Î±1 Subunits in the Shaky Mouse Model of Startle Disease. Frontiers in Molecular Neuroscience, 2018, 11, 167.	2.9	11
25	Cerebral Cortical Circuitry Formation Requires Functional Glycine Receptors. Cerebral Cortex, 2017, 27, bhw025.	2.9	26
26	Levetiracetam in the management of feline audiogenic reflex seizures: a randomised, controlled, open-label study. Journal of Feline Medicine and Surgery, 2017, 19, 200-206.	1.6	26
27	Incorrect dosage of IQSEC2, a known intellectual disability and epilepsy gene, disrupts dendritic spine morphogenesis. Translational Psychiatry, 2017, 7, e1110-e1110.	4.8	27
28	Disruption of a Structurally Important Extracellular Element in the Glycine Receptor Leads to Decreased Synaptic Integration and Signaling Resulting in Severe Startle Disease. Journal of Neuroscience, 2017, 37, 7948-7961.	3.6	15
29	Editorial: Molecular, Cellular and Model Organism Approaches for Understanding the Basis of Neurological Disease. Frontiers in Molecular Neuroscience, 2017, 10, 74.	2.9	1
30	Structure-Function Analysis of the GlyR Î±2 Subunit Autism Mutation p.R323L Reveals a Gain-of-Function. Frontiers in Molecular Neuroscience, 2017, 10, 158.	2.9	28
31	Tonically Active Î±2 Subunit-Containing Glycine Receptors Regulate the Excitability of Striatal Medium Spiny Neurons. Frontiers in Molecular Neuroscience, 2017, 10, 442.	2.9	17
32	Neurodegeneration and Epilepsy in a Zebrafish Model of CLN3 Disease (Batten Disease). PLoS ONE, 2016, 11, e0157365.	2.5	33
33	Murine startle mutant Nmf11 affects the structural stability of the glycine receptor and increases deactivation. Journal of Physiology, 2016, 594, 3589-3607.	2.9	10
34	Clinical and Immunologic Investigations in Patients With Stiff-Person Spectrum Disorder. JAMA Neurology, 2016, 73, 714.	9.0	135
35	Acetazolamide-responsive paroxysmal dyskinesia in a 12-week-old female golden retriever dog. Veterinary Quarterly, 2016, 36, 45-49.	6.7	8
36	Genetic and functional analyses demonstrate a role for abnormal glycinergic signaling in autism. Molecular Psychiatry, 2016, 21, 936-945.	7.9	85

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37	Audiogenic reflex seizures in cats. Journal of Feline Medicine and Surgery, 2016, 18, 328-336.	1.6	32
38	Hyperekplexia: Stiffness, startle and syncope. Journal of Pediatric Neurology, 2015, 08, 011-014.	0.2	0
39	The Clinical and Serological Effect of a Glutenâ€Free Diet in Border Terriers with Epileptoid Cramping Syndrome. Journal of Veterinary Internal Medicine, 2015, 29, 1564-1568.	1.6	45
40	Epicatechin gallate, a naturally occurring polyphenol, alters the course of infection with Î²-lactam-resistant Staphylococcus aureus in the zebrafish embryo. Frontiers in Microbiology, 2015, 6, 1043.	3.5	7
41	Control of Ethanol Sensitivity of the Glycine Receptor Î±3 Subunit by Transmembrane 2, the Intracellular Splice Cassette and C-Terminal Domain. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 80-90.	2.5	16
42	Antibodies to Aquaporin 4, Myelin-Oligodendrocyte Glycoprotein, and the Glycine Receptor Î±1 Subunit in Patients With Isolated Optic Neuritis. JAMA Neurology, 2015, 72, 187.	9.0	119
43	Mutations in SLC12A5 in epilepsy of infancy with migrating focal seizures. Nature Communications, 2015, 6, 8038.	12.8	160
44	ISDN2014_0141: Disruption of cortical circuitry development in glycine receptor alpha 2 knockout mice. International Journal of Developmental Neuroscience, 2015, 47, 41-41.	1.6	0
45	Control of Inhibition by the Direct Action of Cannabinoids on GABA_AReceptors. Cerebral Cortex, 2015, 25, 2440-2455.	2.9	22
46	Missense Mutation R338W in ARHGEF9 in a Family with X-linked Intellectual Disability with Variable Macrocephaly and Macro-Orchidism. Frontiers in Molecular Neuroscience, 2015, 8, 83.	2.9	23
47	Novel Missense Mutation A789V in IQSEC2 Underlies X-Linked Intellectual Disability in the MRX78 Family. Frontiers in Molecular Neuroscience, 2015, 8, 85.	2.9	23
48	TSPO interacts with VDAC1 and triggers a ROS-mediated inhibition of mitochondrial quality control. Autophagy, 2014, 10, 2279-2296.	9.1	174
49	Phenotypic characterisation of canine epileptoid cramping syndrome in the Border terrier. Journal of Small Animal Practice, 2014, 55, 102-107.	1.2	41
50	GRIN2B mutations in west syndrome and intellectual disability with focal epilepsy. Annals of Neurology, 2014, 75, 147-154.	5.3	195
51	Glycine receptors control the generation of projection neurons in the developing cerebral cortex. Cell Death and Differentiation, 2014, 21, 1696-1708.	11.2	33
52	Glycine Receptor Î±2 Subunit Activation Promotes Cortical Interneuron Migration. Cell Reports, 2013, 4, 738-750.	6.4	74
53	Glycine transporters as novel therapeutic targets in schizophrenia, alcohol dependence and pain. Nature Reviews Drug Discovery, 2013, 12, 866-885.	46.4	175
54	Mutations in GRIN2A cause idiopathic focal epilepsy with rolandic spikes. Nature Genetics, 2013, 45, 1067-1072.	21.4	391

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55	Distinct synaptic localization patterns of brefeldin Aâ€resistant guanine nucleotide exchange factors BRAG2 and BRAG3 in the mouse retina. Journal of Comparative Neurology, 2013, 521, 860-876.	1.6	23
56	Distinct phenotypes in zebrafish models of human startle disease. Neurobiology of Disease, 2013, 60, 139-151.	4.4	32
57	Novel missense mutations in the glycine receptor Î² subunit gene (GLRB) in startle disease. Neurobiology of Disease, 2013, 52, 137-149.	4.4	54
58	Glycine Receptor Autoimmune Spectrum With Stiff-Man Syndrome Phenotype. JAMA Neurology, 2013, 70, 44.	9.0	180
59	Audiogenic reflex seizures in cats. Veterinary Record, 2013, 173, 482-482.	0.3	0
60	GLRB is the third major gene of effect in hyperekplexia. Human Molecular Genetics, 2013, 22, 927-940.	2.9	50
61	Defective Escape Behavior in DEAH-Box RNA Helicase Mutants Improved by Restoring Glycine Receptor Expression. Journal of Neuroscience, 2013, 33, 14638-14644.	3.6	28
62	Mutations in the GlyT2 Gene (SLC6A5) Are a Second Major Cause of Startle Disease. Journal of Biological Chemistry, 2012, 287, 28975-28985.	3.4	84
63	Scottie cramp and canine epileptoid cramping syndrome in Border terriers. Veterinary Record, 2012, 170, 186-187.	0.3	4
64	A Novel Dominant Hyperekplexia Mutation Y705C Alters Trafficking and Biochemical Properties of the Presynaptic Glycine Transporter GlyT2. Journal of Biological Chemistry, 2012, 287, 28986-29002.	3.4	42
65	Molecular mechanisms of glycine transporter GlyT2 mutations in startle disease. Biological Chemistry, 2012, 393, 283-289.	2.5	7
66	A canine BCAN microdeletion associated with episodic falling syndrome. Neurobiology of Disease, 2012, 45, 130-136.	4.4	60
67	Identification of congenital muscular dystonia 2 associated with an inherited GlyT2 defect in Belgian Blue cattle from the United Kingdom. Animal Genetics, 2012, 43, 267-270.	1.7	8
68	Selective localization of collybistin at a subset of inhibitory synapses in brain circuits. Journal of Comparative Neurology, 2012, 520, 130-141.	1.6	18
69	A Novel Movement Disorder in Related Male Labrador Retrievers Characterized by Extreme Generalized Muscular Stiffness. Journal of Veterinary Internal Medicine, 2011, 25, 1089-1096.	1.6	13
70	Frontiers in Molecular Neuroscience â€“ RÃ©sumÃ© and Perspective. Frontiers in Molecular Neuroscience, 2011, 4, 58.	2.9	0
71	SynArfGEF is a guanine nucleotide exchange factor for Arf6 and localizes preferentially at postâ€synaptic specializations of inhibitory synapses. Journal of Neurochemistry, 2011, 116, 1122-1137.	3.9	56
72	Startle disease in Irish wolfhounds associated with a microdeletion in the glycine transporter GlyT2 gene. Neurobiology of Disease, 2011, 43, 184-189.	4.4	43

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73	The Cell Adhesion Molecule Neurofascin Stabilizes Axo-axonic GABAergic Terminals at the Axon Initial Segment. Journal of Biological Chemistry, 2011, 286, 24385-24393.	3.4	59
74	Duplicated Gephyrin Genes Showing Distinct Tissue Distribution and Alternative Splicing Patterns Mediate Molybdenum Cofactor Biosynthesis, Glycine Receptor Clustering, and Escape Behavior in Zebrafish. Journal of Biological Chemistry, 2011, 286, 806-817.	3.4	16
75	Molecular Basis of the Î³-Aminobutyric Acid A Receptor Î±3 Subunit Interaction with the Clustering Protein Gephyrin. Journal of Biological Chemistry, 2011, 286, 37702-37711.	3.4	89
76	PINK1 cleavage at position A103 by the mitochondrial protease PARL. Human Molecular Genetics, 2011, 20, 867-879.	2.9	385
77	Differential Regulation of the Postsynaptic Clustering of Î³-Aminobutyric Acid Type A (GABAA) Receptors by Collybistin Isoforms. Journal of Biological Chemistry, 2011, 286, 22456-22468.	3.4	44
78	Mutations in the guanine nucleotide exchange factor gene IQSEC2 cause nonsyndromic intellectual disability. Nature Genetics, 2010, 42, 486-488.	21.4	134
79	Glycinergic transmission: physiological, developmental and pathological implications. Frontiers in Molecular Neuroscience, 2010, 3, .	2.9	3
80	Serotonin receptor 1Aâ€“modulated phosphorylation of glycine receptor Î±3 controls breathing in mice. Journal of Clinical Investigation, 2010, 120, 4118-4128.	8.2	89
81	Multifunctional Basic Motif in the Glycine Receptor Intracellular Domain Induces Subunit-specific Sorting. Journal of Biological Chemistry, 2010, 285, 3730-3739.	3.4	32
82	Complex Role of Collybistin and Gephyrin in GABAA Receptor Clustering. Journal of Biological Chemistry, 2010, 285, 29623-29631.	3.4	115
83	TUBA1A mutations cause wide spectrum lissencephaly (smooth brain) and suggest that multiple neuronal migration pathways converge on alpha tubulins. Human Molecular Genetics, 2010, 19, 2817-2827.	2.9	176
84	Pathophysiological Mechanisms of Dominant and Recessive GLRA1 Mutations in Hyperekplexia. Journal of Neuroscience, 2010, 30, 9612-9620.	3.6	112
85	Subtle functional defects in the Arf-specific guanine nucleotide exchange factor IQSEC2 cause non-syndromic X-linked intellectual disability. Small GTPases, 2010, 1, 98-103.	1.6	31
86	The glycinergic system in human startle disease: a genetic screening approach. Frontiers in Molecular Neuroscience, 2010, 3, 8.	2.9	47
87	Glycinergic transmission in the mammalian retina. Frontiers in Molecular Neuroscience, 2009, 2, 6.	2.9	93
88	Glycine and glycine receptor signalling in non-neuronal cells. Frontiers in Molecular Neuroscience, 2009, 2, 9.	2.9	69
89	A selective role for Î±3 subunit glycine receptors in inflammatory pain. Frontiers in Molecular Neuroscience, 2009, 2, 14.	2.9	37
90	A balanced chromosomal translocation disruptingARHGEF9is associated with epilepsy, anxiety, aggression, and mental retardation. Human Mutation, 2009, 30, 61-68.	2.5	131

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91	Plasticity of synaptic inhibition in mouse spinal cord lamina II neurons during early postnatal development and after inactivation of the glycine receptor Î±3 subunit gene. European Journal of Neuroscience, 2009, 30, 2284-2292.	2.6	16
92	Neuroligin 2 Drives Postsynaptic Assembly at Perisomatic Inhibitory Synapses through Gephyrin and Collybistin. Neuron, 2009, 63, 628-642.	8.1	410
93	Dihydropyridine inhibition of the glycine receptor: Subunit selectivity and a molecular determinant of inhibition. Neuropharmacology, 2009, 56, 318-327.	4.1	12
94	Defective glycinergic synaptic transmission in zebrafish motility mutants. Frontiers in Molecular Neuroscience, 2009, 2, 26.	2.9	41
95	Highly effective SNP-based association mapping and management of recessive defects in livestock. Nature Genetics, 2008, 40, 449-454.	21.4	263
96	Subunit-specific modulation of glycine receptors by cannabinoids and N-arachidonyl-glycine. Biochemical Pharmacology, 2008, 76, 1014-1023.	4.4	82
97	The genetics of hyperekplexia: more than startle!. Trends in Genetics, 2008, 24, 439-447.	6.7	187
98	Gephyrin: where do we stand, where do we go?. Trends in Neurosciences, 2008, 31, 257-264.	8.6	278
99	A critical role for glycine transporters in hyperexcitability disorders. Frontiers in Molecular Neuroscience, 2008, 1, 1.	2.9	37
100	A revised nomenclature for the human and rodent Î±-tubulin gene family. Genomics, 2007, 90, 285-289.	2.9	60
101	Mutations in Î±-Tubulin Cause Abnormal Neuronal Migration in Mice and Lissencephaly in Humans. Cell, 2007, 128, 45-57.	28.9	397
102	Large spectrum of lissencephaly and pachygyria phenotypes resulting from de novo missense mutations in tubulin alpha 1A (TUBA1A). Human Mutation, 2007, 28, 1055-1064.	2.5	213
103	Diversity of glycine receptors in the mouse retina: Localization of the Î±4 subunit. Journal of Comparative Neurology, 2007, 500, 693-707.	1.6	74
104	The mitochondrial protease HtrA2 is regulated by Parkinson's disease-associated kinase PINK1. Nature Cell Biology, 2007, 9, 1243-1252.	10.3	441
105	Impaired GABAergic transmission and altered hippocampal synaptic plasticity in collybistin-deficient mice. EMBO Journal, 2007, 26, 3888-3899.	7.8	166
106	A proposed structural basis for picrotoxinin and picrotin binding in the glycine receptor pore. Journal of Neurochemistry, 2007, 103, 580-589.	3.9	59
107	Spinal prostaglandin E receptors of the EP2 subtype and the glycine receptor Î±3 subunit, which mediate central inflammatory hyperalgesia, do not contribute to pain after peripheral nerve injury or formalin injection. Pain, 2006, 126, 46-53.	4.2	69
108	Altered cleavage and localization of PINK1 to aggresomes in the presence of proteasomal stress. Journal of Neurochemistry, 2006, 98, 156-169.	3.9	146

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109	Mutations in the gene encoding GlyT2 (SLC6A5) define a presynaptic component of human startle disease. Nature Genetics, 2006, 38, 801-806.	21.4	232
110	Kinase activity is required for the toxic effects of mutant LRRK2/dardarin. Neurobiology of Disease, 2006, 23, 329-341.	4.4	683
111	A heterozygous effect for PINK1 mutations in Parkinson's disease?. Annals of Neurology, 2006, 60, 414-419.	5.3	149
112	RNA editing produces glycine receptor Î±3P185L, resulting in high agonist potency. Nature Neuroscience, 2005, 8, 736-744.	14.8	114
113	Molecular determinants of glycine receptor Î±Î² subunit sensitivities to Zn2+-mediated inhibition. Journal of Physiology, 2005, 566, 657-670.	2.9	49
114	Synphilin-1 and parkin show overlapping expression patterns in human brain and form aggresomes in response to proteasomal inhibition. Neurobiology of Disease, 2005, 20, 401-411.	4.4	40
115	The GDP-GTP Exchange Factor Collybistin: An Essential Determinant of Neuronal Gephyrin Clustering. Journal of Neuroscience, 2004, 24, 5816-5826.	3.6	239
116	GlyR Î±3: An Essential Target for Spinal PGE ₂ -Mediated Inflammatory Pain Sensitization. Science, 2004, 304, 884-887.	12.6	569
117	Differential agonist sensitivity of glycine receptor Î± 2 subunit splice variants. British Journal of Pharmacology, 2004, 143, 19-26.	5.4	35
118	Frontal lobe dysfunction in sporadic hyperekplexia. Journal of Neurology, 2004, 251, 91-98.	3.6	6
119	Diversity of glycine receptors in the mouse retina: Localization of the Î±2 subunit. Journal of Comparative Neurology, 2004, 477, 399-411.	1.6	68
120	Hereditary Early-Onset Parkinson's Disease Caused by Mutations in PINK1. Science, 2004, 304, 1158-1160.	12.6	3,060
121	Diversity of glycine receptors in the mouse retina: Localization of the Î±3 subunit. Journal of Comparative Neurology, 2003, 465, 524-539.	1.6	79
122	Zinc-mediated inhibition of GABAA receptors: discrete binding sites underlie subtype specificity. Nature Neuroscience, 2003, 6, 362-369.	14.8	226
123	Isoform Heterogeneity of the Human Gephyrin Gene (GPHN), Binding Domains to the Glycine Receptor, and Mutation Analysis in Hyperekplexia. Journal of Biological Chemistry, 2003, 278, 24688-24696.	3.4	113
124	Conservation of Î³-Aminobutyric Acid Type A Receptor Î±6 Subunit Gene Expression in Cerebellar Granule Cells. Journal of Neurochemistry, 2002, 66, 1810-1818.	3.9	24
125	Achieving optimal expression for single channel recording: a plasmid ratio approach to the expression of Î±1 glycine receptors in HEK293 cells. Journal of Neuroscience Methods, 2002, 113, 207-214.	2.5	40
126	An N-terminal histidine regulates Zn2+ inhibition on the murine GABAA receptor Î²3 subunit. British Journal of Pharmacology, 2002, 137, 29-38.	5.4	23

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127	Structure, assembly and targeting of glycine receptors. , 2002, , 171-191.		0
128	Localization of rat glycine receptor ?1 and ?2 subunit transcripts in the developing auditory brainstem. Journal of Comparative Neurology, 2001, 438, 336-352.	1.6	62
129	Functional pharmacology of GABAA receptors containing the chicken brain Î³4 subunit. European Journal of Pharmacology, 2001, 419, 1-7.	3.5	5
130	Localization of rat glycine receptor Î±1 and Î±2 subunit transcripts in the developing auditory brainstem. Journal of Comparative Neurology, 2001, 438, 336-352.	1.6	2
131	Glycine receptors containing the Î±4 subunit in the embryonic sympathetic nervous system, spinal cord and male genital ridge. European Journal of Neuroscience, 2000, 12, 994-1001.	2.6	72
132	Identification of an inhibitory Zn2+binding site on the human glycine receptor Î±1 subunit. Journal of Physiology, 1999, 520, 53-64.	2.9	89
133	Structure and Functions of Inhibitory and Excitatory Glycine Receptors. Annals of the New York Academy of Sciences, 1999, 868, 667-676.	3.8	125
134	Expression of the GABAAreceptor Î³4-subunit gene: anatomical distribution of the corresponding mRNA in the domestic chick forebrain and the effect of imprinting training. European Journal of Neuroscience, 1998, 10, 3024-3028.	2.6	16
135	Chicken GABAA receptor Î²4 subunits form robust homomeric GABA-gated channels in Xenopus oocytes. European Journal of Pharmacology, 1998, 354, 253-259.	3.5	4
136	Reliable and accurate sequencing of lambda, cosmid and P1 DNAs using modified dye terminator reaction parameters. Technical Tips Online, 1998, 3, 150-152.	0.2	0
137	Expression of the GABAA receptor gamma4-subunit gene: anatomical distribution of the corresponding mRNA in the domestic chick forebrain and the effect of imprinting training. European Journal of Neuroscience, 1998, 10, 3024-3028.	2.6	1
138	Opioid receptors from a lower vertebrate (Catostomus commersoni): Sequence, pharmacology, coupling to a G-protein-gated inward-rectifying potassium channel (GIRK1), and evolution. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8214-8219.	7.1	79
139	In Situ Hybridization Localization of the GABAA Receptor Î²2S- and Î²2L-Subunit Transcripts Reveals Cell-Specific Splicing of Alternate Cassette Exons. Neuroscience, 1997, 77, 361-369.	2.3	10
140	In SituHybridization and Reverse Transcription-Polymerase Chain Reaction Studies on the Expression of the GABAcReceptor Ï1- and Ï2-subunit Genes in Avian and Rat Brain. European Journal of Neuroscience, 1997, 9, 2414-2422.	2.6	33
141	Glycine Receptors in Cultured Chick Sympathetic Neurons are Excitatory and Trigger Neurotransmitter Release. Journal of Physiology, 1997, 504, 683-694.	2.9	47
142	Differential patterns of expression of two novel invertebrate (Lymnaea stagnalis) ionotropic glutamate receptor genes. , 1997, 20, 31-40.		1
143	Structure and Pharmacological Properties of a Molluscan Glutamate-Gated Cation Channel and its Likely Role in Feeding Behavior. Journal of Neuroscience, 1996, 16, 2869-2880.	3.6	37
144	GABA-, Glycine-, and Glutamate-Gated Channels and Their Possible Involvement in Neurological and Psychiatric Illness. , 1996, , 169-180.		2

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145	The embryonal carcinoma cell line PCC7-S-AzaR1 (clone 1009) expresses a functional GABAA receptor comprising the ??5, ??3 and ??3 subunits. Behavioural Pharmacology, 1995, 6, 119.	1.7	0
146	Channel gating in the absence of agonist by a homooligomeric molluscan GABA receptor expressed inXenopus oocytes from a cloned cDNA. Invertebrate Neuroscience, 1995, 1, 267-272.	1.8	4
147	The Production of a Stably Transformed Insect Cell Line Expressing An Invertebrate GABAA Receptor Î²-Subunit. Journal of Receptor and Signal Transduction Research, 1995, 15, 33-41.	2.5	5
148	Developmental up-regulation and agonist-dependent down-regulation of GABAA receptor subunit mRNAs in chick cortical neurons. Molecular Brain Research, 1994, 26, 9-17.	2.3	38
149	Analysis of GABAA receptor subunit genes in multiplex pedigrees with manic depression. Psychiatric Genetics, 1994, 4, 185-191.	1.1	18
150	Alternative Splicing of a 51â€Nucleotide Exon that Encodes a Putative Protein Kinase C Phosphorylation Site Generates Two Forms of the Chicken Î³â€Aminobutyric Acid_AReceptor Î²2 Subunit. Journal of Neurochemistry, 1994, 62, 10-16.	3.9	58
151	Sequence of a Drosophila Ligandâ€Gated Ionâ€Channel Polypeptide with an Unusual Aminoâ€Terminal Extracellular Domain. Journal of Neurochemistry, 1994, 62, 2480-2483.	3.9	56
152	Molecular cloning reveals the existence of a fourth Î³ subunit of the vertebrate brain GABAA receptor. FEBS Letters, 1993, 331, 211-216.	2.8	54
153	A novel invertebrate GABAAreceptor-like polypeptide Sequence and pattern of gene expression. FEBS Letters, 1993, 326, 112-116.	2.8	21
154	Molecular Characterisation and Functional Expression of Molluscan Ion-Channel Receptors That Can Be Activated By Either Î³-Aminobutyric Acid or L-Glutamate. Animal Biology, 1993, 44, 473-485.	0.4	2
155	Channels formed by M2 peptides of a putative glutamate receptor subunit of locust. , 1993, 63, 241-249.		4
156	Molluscan ligand-gated ion-channel receptors. , 1993, 63, 48-64.		11
157	Unusual effects of benzodiazepines and cyclodiene insecticides on an expressed invertebrate GABAA receptor. FEBS Letters, 1992, 307, 351-354.	2.8	16
158	Effects of subunit types of the recombinant GABAA receptor on the response to a neurosteroid. European Journal of Pharmacology, 1992, 225, 321-330.	2.6	62
159	Cloning of a cDNA that encodes an invertebrate glutamate receptor subunit. FEBS Letters, 1991, 292, 111-114.	2.8	36
160	The chicken GABAA receptor Î±1 subunit: cDNA sequence and localization of the corresponding mRNA. Molecular Brain Research, 1991, 9, 333-339.	2.3	45
161	Random-primed cDNA synthesis facilitates the isolation of multiple 5'-cDNA ends by RACE. Nucleic Acids Research, 1991, 19, 4002-4002.	14.5	54
162	Sequence of the chicken GABAAreceptor Î²3-subunit cDNA. Nucleic Acids Research, 1990, 18, 5557-5557.	14.5	14

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163	Cloning of genomic and cDNA sequences encoding an invertebrate Î³-aminobutyric acidA receptor subunit. Biochemical Society Transactions, 1990, 18, 438-439.	3.4	10