

Robert J Harvey

List of Publications by Year in descending order

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Version: 2024-02-01

163
papers

14,414
citations

28190

55
h-index

20307

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. <i>Neuroscientist</i> , 2023, 29, 767-781.	2.6	1
2	Clueless/CLUH regulates mitochondrial fission by promoting recruitment of Drp1 to mitochondria. <i>Nature Communications</i> , 2022, 13, 1582.	5.8	20
3	Loss, Gain and Altered Function of GlyR $\hat{\pm}2$ Subunit Mutations in Neurodevelopmental Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 886729.	1.4	7
4	Mining the 99 Lives Cat Genome Sequencing Consortium database implicates genes and variants for the <i>Ticked</i> locus in domestic cats (<i>Felis catus</i>). <i>Animal Genetics</i> , 2021, 52, 321-332.	0.6	9
5	Application of the random forest algorithm to <i>Streptococcus pyogenes</i> response regulator allele variation: from machine learning to evolutionary models. <i>Scientific Reports</i> , 2021, 11, 12687.	1.6	3
6	Novel Functional Properties of Missense Mutations in the Glycine Receptor $\hat{2}$ Subunit in Startle Disease. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 745275.	1.4	6
7	Presence of ethanol-sensitive and ethanol-insensitive glycine receptors in the ventral tegmental area and prefrontal cortex in mice. <i>British Journal of Pharmacology</i> , 2021, 178, 4691-4707.	2.7	3
8	Contribution of GlyR $\hat{3}$ Subunits to the Sensitivity and Effect of Ethanol in the Nucleus Accumbens. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 756607.	1.4	4
9	Glycine Transporters and Receptors as Targets for Analgesics. <i>Biomolecules</i> , 2021, 11, 1676.	1.8	3
10	Lessons Learnt From Using the Machine Learning Random Forest Algorithm to Predict Virulence in <i>Streptococcus pyogenes</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 809560.	1.8	1
11	A new mechanism for cannabidiol in regulating the one-carbon cycle and methionine levels in <i>Dictyostelium</i> and in mammalian epilepsy models. <i>British Journal of Pharmacology</i> , 2020, 177, 912-928.	2.7	19
12	Effects of GABAA Receptor $\hat{3}$ Subunit Epilepsy Mutations on Inhibitory Synaptic Signaling. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 602559.	1.4	6
13	Mutations in the Kinesin-2 Motor KIF3B Cause an Autosomal-Dominant Ciliopathy. <i>American Journal of Human Genetics</i> , 2020, 106, 893-904.	2.6	29
14	Glycine Receptor Complex Analysis Using Immunoprecipitation-Blue Native Gel Electrophoresis-Mass Spectrometry. <i>Proteomics</i> , 2020, 20, e1900403.	1.3	7
15	Effects of GluN2A and GluN2B gain-of-function epilepsy mutations on synaptic currents mediated by diheteromeric and triheteromeric NMDA receptors. <i>Neurobiology of Disease</i> , 2020, 140, 104850.	2.1	10
16	Ethanol consumption and sedation are altered in mice lacking the glycine receptor $\hat{\pm}2$ subunit. <i>British Journal of Pharmacology</i> , 2020, 177, 3941-3956.	2.7	11
17	Hijacking of GABAA Receptors by Mutant Glycine Receptors. <i>Trends in Molecular Medicine</i> , 2019, 25, 823-825.	3.5	1
18	Mutation p.R356Q in the Collybistin Phosphoinositide Binding Site Is Associated With Mild Intellectual Disability. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 60.	1.4	10

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19	<i>IQSEC2</i> mutation update and review of the female-specific phenotype spectrum including intellectual disability and epilepsy. <i>Human Mutation</i> , 2019, 40, 5-24.	1.1	36
20	Disease-associated missense mutations in GluN2B subunit alter NMDA receptor ligand binding and ion channel properties. <i>Nature Communications</i> , 2018, 9, 957.	5.8	58
21	Alpha2-Containing Glycine Receptors Promote Neonatal Spontaneous Activity of Striatal Medium Spiny Neurons and Support Maturation of Glutamatergic Inputs. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 380.	1.4	15
22	Structure/Function Studies of the $\hat{\pm}4$ Subunit Reveal Evolutionary Loss of a GlyR Subtype Involved in Startle and Escape Responses. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 23.	1.4	16
23	Distinct Mechanisms of Pathogenic DJ-1 Mutations in Mitochondrial Quality Control. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 68.	1.4	25
24	Functional Consequences of the Postnatal Switch From Neonatal to Mutant Adult Glycine Receptor $\hat{\pm}1$ Subunits in the Shaky Mouse Model of Startle Disease. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 167.	1.4	11
25	Cerebral Cortical Circuitry Formation Requires Functional Glycine Receptors. <i>Cerebral Cortex</i> , 2017, 27, bhw025.	1.6	26
26	Levetiracetam in the management of feline audiogenic reflex seizures: a randomised, controlled, open-label study. <i>Journal of Feline Medicine and Surgery</i> , 2017, 19, 200-206.	0.6	26
27	Incorrect dosage of <i>IQSEC2</i> , a known intellectual disability and epilepsy gene, disrupts dendritic spine morphogenesis. <i>Translational Psychiatry</i> , 2017, 7, e1110-e1110.	2.4	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. <i>Journal of Neuroscience</i> , 2017, 37, 7948-7961.	1.7	15
29	Editorial: Molecular, Cellular and Model Organism Approaches for Understanding the Basis of Neurological Disease. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 74.	1.4	1
30	Structure-Function Analysis of the GlyR $\hat{\pm}2$ Subunit Autism Mutation p.R323L Reveals a Gain-of-Function. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 158.	1.4	28
31	Tonically Active $\hat{\pm}2$ Subunit-Containing Glycine Receptors Regulate the Excitability of Striatal Medium Spiny Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 442.	1.4	17
32	Neurodegeneration and Epilepsy in a Zebrafish Model of CLN3 Disease (Batten Disease). <i>PLoS ONE</i> , 2016, 11, e0157365.	1.1	33
33	Murine startle mutant <i>Nmf11</i> affects the structural stability of the glycine receptor and increases deactivation. <i>Journal of Physiology</i> , 2016, 594, 3589-3607.	1.3	10
34	Clinical and Immunologic Investigations in Patients With Stiff-Person Spectrum Disorder. <i>JAMA Neurology</i> , 2016, 73, 714.	4.5	135
35	Acetazolamide-responsive paroxysmal dyskinesia in a 12-week-old female golden retriever dog. <i>Veterinary Quarterly</i> , 2016, 36, 45-49.	3.0	8
36	Genetic and functional analyses demonstrate a role for abnormal glycinergic signaling in autism. <i>Molecular Psychiatry</i> , 2016, 21, 936-945.	4.1	85

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37	Audiogenic reflex seizures in cats. <i>Journal of Feline Medicine and Surgery</i> , 2016, 18, 328-336.	0.6	32
38	Hyperekplexia: Stiffness, startle and syncope. <i>Journal of Pediatric Neurology</i> , 2015, 08, 011-014.	0.0	0
39	The Clinical and Serological Effect of a Gluten-Free Diet in Border Terriers with Epileptoid Cramping Syndrome. <i>Journal of Veterinary Internal Medicine</i> , 2015, 29, 1564-1568.	0.6	45
40	Epicatechin gallate, a naturally occurring polyphenol, alters the course of infection with β -lactam-resistant <i>Staphylococcus aureus</i> in the zebrafish embryo. <i>Frontiers in Microbiology</i> , 2015, 6, 1043.	1.5	7
41	Control of Ethanol Sensitivity of the Glycine Receptor α 3 Subunit by Transmembrane 2, the Intracellular Splice Cassette and C-Terminal Domain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 80-90.	1.3	16
42	Antibodies to Aquaporin 4, Myelin-Oligodendrocyte Glycoprotein, and the Glycine Receptor α 1 Subunit in Patients With Isolated Optic Neuritis. <i>JAMA Neurology</i> , 2015, 72, 187.	4.5	119
43	Mutations in SLC12A5 in epilepsy of infancy with migrating focal seizures. <i>Nature Communications</i> , 2015, 6, 8038.	5.8	160
44	ISDN2014_0141: Disruption of cortical circuitry development in glycine receptor alpha 2 knockout mice. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 41-41.	0.7	0
45	Control of Inhibition by the Direct Action of Cannabinoids on GABA _A Receptors. <i>Cerebral Cortex</i> , 2015, 25, 2440-2455.	1.6	22
46	Missense Mutation R338W in ARHGEF9 in a Family with X-linked Intellectual Disability with Variable Macrocephaly and Macro-Orchidism. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 83.	1.4	23
47	Novel Missense Mutation A789V in IQSEC2 Underlies X-Linked Intellectual Disability in the MRX78 Family. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 85.	1.4	23
48	TSPO interacts with VDAC1 and triggers a ROS-mediated inhibition of mitochondrial quality control. <i>Autophagy</i> , 2014, 10, 2279-2296.	4.3	174
49	Phenotypic characterisation of canine epileptoid cramping syndrome in the Border terrier. <i>Journal of Small Animal Practice</i> , 2014, 55, 102-107.	0.5	41
50	<i>GRIN2B</i> mutations in west syndrome and intellectual disability with focal epilepsy. <i>Annals of Neurology</i> , 2014, 75, 147-154.	2.8	195
51	Glycine receptors control the generation of projection neurons in the developing cerebral cortex. <i>Cell Death and Differentiation</i> , 2014, 21, 1696-1708.	5.0	33
52	Glycine Receptor α 2 Subunit Activation Promotes Cortical Interneuron Migration. <i>Cell Reports</i> , 2013, 4, 738-750.	2.9	74
53	Glycine transporters as novel therapeutic targets in schizophrenia, alcohol dependence and pain. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 866-885.	21.5	175
54	Mutations in GRIN2A cause idiopathic focal epilepsy with rolandic spikes. <i>Nature Genetics</i> , 2013, 45, 1067-1072.	9.4	391

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55	Distinct synaptic localization patterns of brefeldin A-resistant guanine nucleotide exchange factors BRAG2 and BRAG3 in the mouse retina. <i>Journal of Comparative Neurology</i> , 2013, 521, 860-876.	0.9	23
56	Distinct phenotypes in zebrafish models of human startle disease. <i>Neurobiology of Disease</i> , 2013, 60, 139-151.	2.1	32
57	Novel missense mutations in the glycine receptor $\hat{1}^2$ subunit gene (GLRB) in startle disease. <i>Neurobiology of Disease</i> , 2013, 52, 137-149.	2.1	54
58	Glycine Receptor Autoimmune Spectrum With Stiff-Man Syndrome Phenotype. <i>JAMA Neurology</i> , 2013, 70, 44.	4.5	180
59	Audiogenic reflex seizures in cats. <i>Veterinary Record</i> , 2013, 173, 482-482.	0.2	0
60	GLRB is the third major gene of effect in hyperekplexia. <i>Human Molecular Genetics</i> , 2013, 22, 927-940.	1.4	50
61	Defective Escape Behavior in DEAH-Box RNA Helicase Mutants Improved by Restoring Glycine Receptor Expression. <i>Journal of Neuroscience</i> , 2013, 33, 14638-14644.	1.7	28
62	Mutations in the GlyT2 Gene (SLC6A5) Are a Second Major Cause of Startle Disease. <i>Journal of Biological Chemistry</i> , 2012, 287, 28975-28985.	1.6	84
63	Scottie cramp and canine epileptoid cramping syndrome in Border terriers. <i>Veterinary Record</i> , 2012, 170, 186-187.	0.2	4
64	A Novel Dominant Hyperekplexia Mutation Y705C Alters Trafficking and Biochemical Properties of the Presynaptic Glycine Transporter GlyT2. <i>Journal of Biological Chemistry</i> , 2012, 287, 28986-29002.	1.6	42
65	Molecular mechanisms of glycine transporter GlyT2 mutations in startle disease. <i>Biological Chemistry</i> , 2012, 393, 283-289.	1.2	7
66	A canine BCAN microdeletion associated with episodic falling syndrome. <i>Neurobiology of Disease</i> , 2012, 45, 130-136.	2.1	60
67	Identification of congenital muscular dystonia 2 associated with an inherited GlyT2 defect in Belgian Blue cattle from the United Kingdom. <i>Animal Genetics</i> , 2012, 43, 267-270.	0.6	8
68	Selective localization of collybistin at a subset of inhibitory synapses in brain circuits. <i>Journal of Comparative Neurology</i> , 2012, 520, 130-141.	0.9	18
69	A Novel Movement Disorder in Related Male Labrador Retrievers Characterized by Extreme Generalized Muscular Stiffness. <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 1089-1096.	0.6	13
70	Frontiers in Molecular Neuroscience – Review and Perspective. <i>Frontiers in Molecular Neuroscience</i> , 2011, 4, 58.	1.4	0
71	SynArfGEF is a guanine nucleotide exchange factor for Arf6 and localizes preferentially at postsynaptic specializations of inhibitory synapses. <i>Journal of Neurochemistry</i> , 2011, 116, 1122-1137.	2.1	56
72	Startle disease in Irish wolfhounds associated with a microdeletion in the glycine transporter GlyT2 gene. <i>Neurobiology of Disease</i> , 2011, 43, 184-189.	2.1	43

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73	The Cell Adhesion Molecule Neurofascin Stabilizes Axo-axonic GABAergic Terminals at the Axon Initial Segment. <i>Journal of Biological Chemistry</i> , 2011, 286, 24385-24393.	1.6	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. <i>Journal of Biological Chemistry</i> , 2011, 286, 806-817.	1.6	16
75	Molecular Basis of the $\hat{1}^3$ -Aminobutyric Acid A Receptor $\hat{1}\pm 3$ Subunit Interaction with the Clustering Protein Gephyrin. <i>Journal of Biological Chemistry</i> , 2011, 286, 37702-37711.	1.6	89
76	PINK1 cleavage at position A103 by the mitochondrial protease PARL. <i>Human Molecular Genetics</i> , 2011, 20, 867-879.	1.4	385
77	Differential Regulation of the Postsynaptic Clustering of $\hat{1}^3$ -Aminobutyric Acid Type A (GABAA) Receptors by Collybistin Isoforms. <i>Journal of Biological Chemistry</i> , 2011, 286, 22456-22468.	1.6	44
78	Mutations in the guanine nucleotide exchange factor gene IQSEC2 cause nonsyndromic intellectual disability. <i>Nature Genetics</i> , 2010, 42, 486-488.	9.4	134
79	Glycinergic transmission: physiological, developmental and pathological implications. <i>Frontiers in Molecular Neuroscience</i> , 2010, 3, .	1.4	3
80	Serotonin receptor 1A modulated phosphorylation of glycine receptor $\hat{1}\pm 3$ controls breathing in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 4118-4128.	3.9	89
81	Multifunctional Basic Motif in the Glycine Receptor Intracellular Domain Induces Subunit-specific Sorting. <i>Journal of Biological Chemistry</i> , 2010, 285, 3730-3739.	1.6	32
82	Complex Role of Collybistin and Gephyrin in GABAA Receptor Clustering. <i>Journal of Biological Chemistry</i> , 2010, 285, 29623-29631.	1.6	115
83	TUBA1A mutations cause wide spectrum lissencephaly (smooth brain) and suggest that multiple neuronal migration pathways converge on alpha tubulins. <i>Human Molecular Genetics</i> , 2010, 19, 2817-2827.	1.4	176
84	Pathophysiological Mechanisms of Dominant and Recessive GLRA1 Mutations in Hyperekplexia. <i>Journal of Neuroscience</i> , 2010, 30, 9612-9620.	1.7	112
85	Subtle functional defects in the Arf-specific guanine nucleotide exchange factor IQSEC2 cause non-syndromic X-linked intellectual disability. <i>Small GTPases</i> , 2010, 1, 98-103.	0.7	31
86	The glycinergic system in human startle disease: a genetic screening approach. <i>Frontiers in Molecular Neuroscience</i> , 2010, 3, 8.	1.4	47
87	Glycinergic transmission in the mammalian retina. <i>Frontiers in Molecular Neuroscience</i> , 2009, 2, 6.	1.4	93
88	Glycine and glycine receptor signalling in non-neuronal cells. <i>Frontiers in Molecular Neuroscience</i> , 2009, 2, 9.	1.4	69
89	A selective role for $\hat{1}\pm 3$ subunit glycine receptors in inflammatory pain. <i>Frontiers in Molecular Neuroscience</i> , 2009, 2, 14.	1.4	37
90	A balanced chromosomal translocation disrupting <i>ARHGEF9</i> is associated with epilepsy, anxiety, aggression, and mental retardation. <i>Human Mutation</i> , 2009, 30, 61-68.	1.1	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 $\hat{1}\pm 3$ subunit gene. <i>European Journal of Neuroscience</i> , 2009, 30, 2284-2292.	1.2	16
92	Neuroigin 2 Drives Postsynaptic Assembly at Perisomatic Inhibitory Synapses through Gephyrin and Collybistin. <i>Neuron</i> , 2009, 63, 628-642.	3.8	410
93	Dihydropyridine inhibition of the glycine receptor: Subunit selectivity and a molecular determinant of inhibition. <i>Neuropharmacology</i> , 2009, 56, 318-327.	2.0	12
94	Defective glycinergic synaptic transmission in zebrafish motility mutants. <i>Frontiers in Molecular Neuroscience</i> , 2009, 2, 26.	1.4	41
95	Highly effective SNP-based association mapping and management of recessive defects in livestock. <i>Nature Genetics</i> , 2008, 40, 449-454.	9.4	263
96	Subunit-specific modulation of glycine receptors by cannabinoids and N-arachidonyl-glycine. <i>Biochemical Pharmacology</i> , 2008, 76, 1014-1023.	2.0	82
97	The genetics of hyperekplexia: more than startle!. <i>Trends in Genetics</i> , 2008, 24, 439-447.	2.9	187
98	Gephyrin: where do we stand, where do we go?. <i>Trends in Neurosciences</i> , 2008, 31, 257-264.	4.2	278
99	A critical role for glycine transporters in hyperexcitability disorders. <i>Frontiers in Molecular Neuroscience</i> , 2008, 1, 1.	1.4	37
100	A revised nomenclature for the human and rodent $\hat{1}\pm$ -tubulin gene family. <i>Genomics</i> , 2007, 90, 285-289.	1.3	60
101	Mutations in $\hat{1}\pm$ -Tubulin Cause Abnormal Neuronal Migration in Mice and Lissencephaly in Humans. <i>Cell</i> , 2007, 128, 45-57.	13.5	397
102	Large spectrum of lissencephaly and pachygyria phenotypes resulting from de novo missense mutations in tubulin alpha 1A (TUBA1A). <i>Human Mutation</i> , 2007, 28, 1055-1064.	1.1	213
103	Diversity of glycine receptors in the mouse retina: Localization of the $\hat{1}\pm 4$ subunit. <i>Journal of Comparative Neurology</i> , 2007, 500, 693-707.	0.9	74
104	The mitochondrial protease HtrA2 is regulated by Parkinson's disease-associated kinase PINK1. <i>Nature Cell Biology</i> , 2007, 9, 1243-1252.	4.6	441
105	Impaired GABAergic transmission and altered hippocampal synaptic plasticity in collybistin-deficient mice. <i>EMBO Journal</i> , 2007, 26, 3888-3899.	3.5	166
106	A proposed structural basis for picrotoxinin and picrotin binding in the glycine receptor pore. <i>Journal of Neurochemistry</i> , 2007, 103, 580-589.	2.1	59
107	Spinal prostaglandin E receptors of the EP2 subtype and the glycine receptor $\hat{1}\pm 3$ subunit, which mediate central inflammatory hyperalgesia, do not contribute to pain after peripheral nerve injury or formalin injection. <i>Pain</i> , 2006, 126, 46-53.	2.0	69
108	Altered cleavage and localization of PINK1 to aggresomes in the presence of proteasomal stress. <i>Journal of Neurochemistry</i> , 2006, 98, 156-169.	2.1	146

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109	Mutations in the gene encoding GlyT2 (SLC6A5) define a presynaptic component of human startle disease. <i>Nature Genetics</i> , 2006, 38, 801-806.	9.4	232
110	Kinase activity is required for the toxic effects of mutant LRRK2/dardarin. <i>Neurobiology of Disease</i> , 2006, 23, 329-341.	2.1	683
111	A heterozygous effect for PINK1 mutations in Parkinson's disease?. <i>Annals of Neurology</i> , 2006, 60, 414-419.	2.8	149
112	RNA editing produces glycine receptor $\hat{1}\pm 3$ P185L, resulting in high agonist potency. <i>Nature Neuroscience</i> , 2005, 8, 736-744.	7.1	114
113	Molecular determinants of glycine receptor $\hat{1}\pm 2$ subunit sensitivities to Zn ²⁺ -mediated inhibition. <i>Journal of Physiology</i> , 2005, 566, 657-670.	1.3	49
114	Synphilin-1 and parkin show overlapping expression patterns in human brain and form aggresomes in response to proteasomal inhibition. <i>Neurobiology of Disease</i> , 2005, 20, 401-411.	2.1	40
115	The GDP-GTP Exchange Factor Collybistin: An Essential Determinant of Neuronal Gephyrin Clustering. <i>Journal of Neuroscience</i> , 2004, 24, 5816-5826.	1.7	239
116	GlyR $\hat{3}$: An Essential Target for Spinal PGE ₂ -Mediated Inflammatory Pain Sensitization. <i>Science</i> , 2004, 304, 884-887.	6.0	569
117	Differential agonist sensitivity of glycine receptor $\hat{1}\pm 2$ subunit splice variants. <i>British Journal of Pharmacology</i> , 2004, 143, 19-26.	2.7	35
118	Frontal lobe dysfunction in sporadic hyperekplexia. <i>Journal of Neurology</i> , 2004, 251, 91-98.	1.8	6
119	Diversity of glycine receptors in the mouse retina: Localization of the $\hat{1}\pm 2$ subunit. <i>Journal of Comparative Neurology</i> , 2004, 477, 399-411.	0.9	68
120	Hereditary Early-Onset Parkinson's Disease Caused by Mutations in PINK1. <i>Science</i> , 2004, 304, 1158-1160.	6.0	3,060
121	Diversity of glycine receptors in the mouse retina: Localization of the $\hat{1}\pm 3$ subunit. <i>Journal of Comparative Neurology</i> , 2003, 465, 524-539.	0.9	79
122	Zinc-mediated inhibition of GABA _A receptors: discrete binding sites underlie subtype specificity. <i>Nature Neuroscience</i> , 2003, 6, 362-369.	7.1	226
123	Isoform Heterogeneity of the Human Gephyrin Gene (GPHN), Binding Domains to the Glycine Receptor, and Mutation Analysis in Hyperekplexia. <i>Journal of Biological Chemistry</i> , 2003, 278, 24688-24696.	1.6	113
124	Conservation of $\hat{1}\pm 3$ -Aminobutyric Acid Type A Receptor $\hat{1}\pm 6$ Subunit Gene Expression in Cerebellar Granule Cells. <i>Journal of Neurochemistry</i> , 2002, 66, 1810-1818.	2.1	24
125	Achieving optimal expression for single channel recording: a plasmid ratio approach to the expression of $\hat{1}\pm 1$ glycine receptors in HEK293 cells. <i>Journal of Neuroscience Methods</i> , 2002, 113, 207-214.	1.3	40
126	An N-terminal histidine regulates Zn ²⁺ inhibition on the murine GABA _A receptor $\hat{1}\pm 3$ subunit. <i>British Journal of Pharmacology</i> , 2002, 137, 29-38.	2.7	23

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127	Structure, assembly and targeting of glycine receptors. , 2002, , 171-191.		0
128	Localization of rat glycine receptor $\alpha 1$ and $\alpha 2$ subunit transcripts in the developing auditory brainstem. Journal of Comparative Neurology, 2001, 438, 336-352.	0.9	62
129	Functional pharmacology of GABAA receptors containing the chicken brain $\beta 4$ subunit. European Journal of Pharmacology, 2001, 419, 1-7.	1.7	5
130	Localization of rat glycine receptor $\alpha 1$ and $\alpha 2$ subunit transcripts in the developing auditory brainstem. Journal of Comparative Neurology, 2001, 438, 336-352.	0.9	2
131	Glycine receptors containing the $\beta 4$ subunit in the embryonic sympathetic nervous system, spinal cord and male genital ridge. European Journal of Neuroscience, 2000, 12, 994-1001.	1.2	72
132	Identification of an inhibitory Zn ²⁺ -binding site on the human glycine receptor $\alpha 1$ subunit. Journal of Physiology, 1999, 520, 53-64.	1.3	89
133	Structure and Functions of Inhibitory and Excitatory Glycine Receptors. Annals of the New York Academy of Sciences, 1999, 868, 667-676.	1.8	125
134	Expression of the GABA receptor $\beta 4$ -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.	1.2	16
135	Chicken GABAA receptor $\beta 4$ subunits form robust homomeric GABA-gated channels in Xenopus oocytes. European Journal of Pharmacology, 1998, 354, 253-259.	1.7	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.	1.2	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.	3.3	79
139	In Situ Hybridization Localization of the GABAA Receptor $\beta 2S$ - and $\beta 2L$ -Subunit Transcripts Reveals Cell-Specific Splicing of Alternate Cassette Exons. Neuroscience, 1997, 77, 361-369.	1.1	10
140	In Situ Hybridization and Reverse Transcription-Polymerase Chain Reaction Studies on the Expression of the GABA Receptor $\beta 1$ - and $\beta 2$ -subunit Genes in Avian and Rat Brain. European Journal of Neuroscience, 1997, 9, 2414-2422.	1.2	33
141	Glycine Receptors in Cultured Chick Sympathetic Neurons are Excitatory and Trigger Neurotransmitter Release. Journal of Physiology, 1997, 504, 683-694.	1.3	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.	1.7	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 $\alpha 5$, $\alpha 3$ and $\alpha 3$ subunits. Behavioural Pharmacology, 1995, 6, 119.	0.8	0
146	Channel gating in the absence of agonist by a homooligomeric molluscan GABA receptor expressed in <i>Xenopus</i> oocytes from a cloned cDNA. Invertebrate Neuroscience, 1995, 1, 267-272.	1.8	4
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#	ARTICLE	IF	CITATIONS
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