

# Werner Sieghart

## List of Publications by Year in descending order

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298  
papers

24,165  
citations

8749

75  
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all docs

307  
docs citations

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times ranked

12489  
citing authors

#	ARTICLE	IF	CITATIONS
1	GABAA receptors: immunocytochemical distribution of 13 subunits in the adult rat brain. <i>Neuroscience</i> , 2000, 101, 815-850.	1.1	1,188
2	Structure and pharmacology of gamma-aminobutyric acidA receptor subtypes. <i>Pharmacological Reviews</i> , 1995, 47, 181-234.	7.1	1,038
3	International Union of Pharmacology. XV. Subtypes of gamma-aminobutyric acidA receptors: classification on the basis of subunit structure and receptor function. <i>Pharmacological Reviews</i> , 1998, 50, 291-313.	7.1	980
4	International Union of Pharmacology. LXX. Subtypes of $\gamma$ -Aminobutyric Acid <sub>A</sub> Receptors: Classification on the Basis of Subunit Composition, Pharmacology, and Function. Update. <i>Pharmacological Reviews</i> , 2008, 60, 243-260.	7.1	938
5	GABAA receptors: Subtypes provide diversity of function and pharmacology. <i>Neuropharmacology</i> , 2009, 56, 141-148.	2.0	836
6	Subunit Composition, Distribution and Function of GABA-A Receptor Subtypes. <i>Current Topics in Medicinal Chemistry</i> , 2002, 2, 795-816.	1.0	832
7	Segregation of Different GABA <sub>A</sub> Receptors to Synaptic and Extrasynaptic Membranes of Cerebellar Granule Cells. <i>Journal of Neuroscience</i> , 1998, 18, 1693-1703.	1.7	764
8	Attenuated sensitivity to neuroactive steroids in gamma -aminobutyrate type A receptor delta subunit knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 12905-12910.	3.3	489
9	Stoichiometry and Assembly of a Recombinant GABA <sub>A</sub> Receptor Subtype. <i>Journal of Neuroscience</i> , 1997, 17, 2728-2737.	1.7	438
10	GABAA receptors: ligand-gated Cl <sup>-</sup> ion channels modulated by multiple drug-binding sites. <i>Trends in Pharmacological Sciences</i> , 1992, 13, 446-450.	4.0	369
11	Differential synaptic localization of two major gamma-aminobutyric acid type A receptor alpha subunits on hippocampal pyramidal cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 11939-11944.	3.3	362
12	Colocalization of GABA, glycine, and their receptors at synapses in the rat spinal cord. <i>Journal of Neuroscience</i> , 1996, 16, 974-982.	1.7	352
13	Molecular heterogeneity of benzodiazepine receptors. <i>Nature</i> , 1980, 286, 285-287.	13.7	328
14	Ligand-Gated Ion Channel Subunit Partnerships: GABA <sub>A</sub> Receptor $\alpha 6$ Subunit Gene Inactivation Inhibits $\beta$ Subunit Expression. <i>Journal of Neuroscience</i> , 1997, 17, 1350-1362.	1.7	313
15	GABAA receptor subunits in the rat hippocampus I: Immunocytochemical distribution of 13 subunits. <i>Neuroscience</i> , 1997, 80, 987-1000.	1.1	301
16	Structure and subunit composition of GABAA receptors. <i>Neurochemistry International</i> , 1999, 34, 379-385.	1.9	278
17	Structure, Pharmacology, and Function of GABAA Receptor Subtypes. <i>Advances in Pharmacology</i> , 2006, 54, 231-263.	1.2	270
18	Bidirectional Alterations of GABA <sub>A</sub> Receptor Subunit Peptide Levels in Rat Cortex During Chronic Ethanol Consumption and Withdrawal. <i>Journal of Neurochemistry</i> , 1997, 69, 126-130.	2.1	243

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19	Antiallergic drug cromolyn may inhibit histamine secretion by regulating phosphorylation of a mast cell protein. <i>Science</i> , 1980, 207, 80-82.	6.0	239
20	GABAA receptor changes in $\gamma$ subunit-deficient mice: Altered expression of $\gamma 4$ and $\gamma 2$ subunits in the forebrain. <i>Journal of Comparative Neurology</i> , 2002, 446, 179-197.	0.9	226
21	Photoaffinity Labeling of Benzodiazepine Receptor Proteins with the Partial Inverse Agonist [3H]Ro 1574513: A Biochemical and Autoradiographic Study. <i>Journal of Neurochemistry</i> , 1987, 48, 46-52.	2.1	201
22	Patterns of mRNA and protein expression for 12 GABAA receptor subunits in the mouse brain. <i>Neuroscience</i> , 2013, 236, 345-372.	1.1	201
23	A propofol binding site on mammalian GABAA receptors identified by photolabeling. <i>Nature Chemical Biology</i> , 2013, 9, 715-720.	3.9	199
24	Tranexamic Acid, a Widely Used Antifibrinolytic Agent, Causes Convulsions by a $\gamma$ -Aminobutyric AcidA Receptor Antagonistic Effect. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 301, 168-173.	1.3	192
25	Subunit Composition and Quantitative Importance of Hetero-oligomeric Receptors: GABA <sub>A</sub> Receptors Containing $\alpha 6$ Subunits. <i>Journal of Neuroscience</i> , 1998, 18, 2449-2457.	1.7	190
26	Antibodies Specific for GABA <sub>A</sub> Receptor $\gamma$ Subunits Reveal that Chronic Alcohol Treatment Down-Regulates $\gamma$ -Subunit Expression in Rat Brain Regions. <i>Journal of Neurochemistry</i> , 1993, 61, 1620-1625.	2.1	175
27	Diazepam-bound GABAA receptor models identify new benzodiazepine binding-site ligands. <i>Nature Chemical Biology</i> , 2012, 8, 455-464.	3.9	175
28	Calcium-dependent protein phosphorylation during secretion by exocytosis in the mast cell. <i>Nature</i> , 1978, 275, 329-331.	13.7	170
29	The $\gamma 2$ Subunit of the GABA <sub>A</sub> Receptor is Concentrated in Synaptic Junctions Containing the $\alpha 1$ and $\gamma 2/3$ Subunits in Hippocampus, Cerebellum and Globus Pallidus. <i>Neuropharmacology</i> , 1996, 35, 1425-1444.	2.0	164
30	GABAA receptor subunits in the rat hippocampus II: Altered distribution in kainic acid-induced temporal lobe epilepsy. <i>Neuroscience</i> , 1997, 80, 1001-1017.	1.1	163
31	Colocalization of multiple GABAA receptor subtypes with gephyrin at postsynaptic sites. , 2000, 420, 481-498.		163
32	GABAA Receptor Phosphorylation and Functional Modulation in Cortical Neurons by a Protein Kinase C-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2000, 275, 38856-38862.	1.6	162
33	Immunocytochemical Localization of the $\alpha 1$ and $\gamma 2/3$ Subunits of the GABA <sub>A</sub> Receptor in Relation to Specific GABAergic Synapses in the Dentate Gyrus. <i>European Journal of Neuroscience</i> , 1995, 7, 630-646.	1.2	159
34	Allosteric Modulation of GABAA Receptors via Multiple Drug-Binding Sites. <i>Advances in Pharmacology</i> , 2015, 72, 53-96.	1.2	159
35	Distribution of the major $\gamma$ -aminobutyric acidA receptor subunits in the basal ganglia and associated limbic brain areas of the adult rat. <i>Journal of Comparative Neurology</i> , 2001, 433, 526-549.	0.9	155
36	GABA Expression Dominates Neuronal Lineage Progression in the Embryonic Rat Neocortex and Facilitates Neurite Outgrowth via GABA <sub>A</sub> Autoreceptor/Cl <sup>-</sup> Channels. <i>Journal of Neuroscience</i> , 2001, 21, 2343-2360.	1.7	148

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37	Binge alcohol drinking is associated with GABA <sub>A</sub> -regulated Toll-like receptor 4 (TLR4) expression in the central amygdala. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4465-4470.	3.3	146
38	International Union of Basic and Clinical Pharmacology. CVI: GABA <sub>A</sub> Receptor Subtype- and Function-selective Ligands: Key Issues in Translation to Humans. <i>Pharmacological Reviews</i> , 2018, 70, 836-878.	7.1	144
39	Comparative modeling of GABA <sub>A</sub> receptors: limits, insights, future developments. <i>Neuroscience</i> , 2003, 119, 933-943.	1.1	140
40	The alpha 6 subunit of the GABA <sub>A</sub> receptor is concentrated in both inhibitory and excitatory synapses on cerebellar granule cells. <i>Journal of Neuroscience</i> , 1996, 16, 103-114.	1.7	138
41	Functional Correlation of GABA <sub>A</sub> Receptor $\alpha$ Subunits Expression with the Properties of IPSCs in the Developing Thalamus. <i>Journal of Neuroscience</i> , 2000, 20, 2202-2208.	1.7	138
42	Multiplicity of GABA <sub>A</sub> -benzodiazepine receptors. <i>Trends in Pharmacological Sciences</i> , 1989, 10, 407-411.	4.0	137
43	GABA <sub>A</sub> receptor subunits in the rat hippocampus III: altered messenger RNA expression in kainic acid-induced epilepsy. <i>Neuroscience</i> , 1997, 80, 1019-1032.	1.1	135
44	Deep Amino Acid Sequencing of Native Brain GABA <sub>A</sub> Receptors Using High-Resolution Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.011445.	2.5	135
45	Comparative Models of GABA <sub>A</sub> Receptor Extracellular and Transmembrane Domains: Important Insights in Pharmacology and Function. <i>Molecular Pharmacology</i> , 2005, 68, 1291-1300.	1.0	132
46	Quantitative localisation of synaptic and extrasynaptic GABA <sub>A</sub> receptor subunits on hippocampal pyramidal cells by freeze-fracture replica immunolabelling. <i>European Journal of Neuroscience</i> , 2010, 32, 1868-1888.	1.2	131
47	Deficits in Phosphorylation of GABA <sub>A</sub> Receptors by Intimately Associated Protein Kinase C Activity Underlie Compromised Synaptic Inhibition during Status Epilepticus. <i>Journal of Neuroscience</i> , 2008, 28, 376-384.	1.7	129
48	Altered receptor subtypes in the forebrain of GABA <sub>A</sub> receptor $\alpha$ subunit-deficient mice: recruitment of $\alpha$ subunits. <i>Neuroscience</i> , 2002, 109, 733-743.	1.1	121
49	Dopamine D3 receptor gene polymorphism and response to clozapine in schizophrenic Pakistani patients. <i>European Neuropsychopharmacology</i> , 1999, 10, 17-20.	0.3	120
50	Pentameric ligand-gated ion channel ELIC is activated by GABA and modulated by benzodiazepines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3028-34.	3.3	120
51	Genetic polymorphisms for drug metabolism (CYP2D6) and tardive dyskinesia in schizophrenia. <i>Schizophrenia Research</i> , 1998, 32, 101-106.	1.1	117
52	No evidence for in vivo regulation of midbrain serotonin transporter availability by serotonin transporter promoter gene polymorphism. <i>Biological Psychiatry</i> , 2001, 50, 8-12.	0.7	117
53	Ethanol potently and competitively inhibits binding of the alcohol antagonist Ro15-4513 to $\alpha$ 6 $\beta$ 3 GABA <sub>A</sub> receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8546-8551.	3.3	117
54	Distribution of $\alpha$ 1, $\alpha$ 4, $\alpha$ 2, and $\alpha$ subunits of GABA <sub>A</sub> receptors in hippocampal granule cells. <i>Brain Research</i> , 2004, 1029, 207-216.	1.1	112

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55	The GABA <sub>A</sub> Receptor $\alpha$ Interface: A Novel Target for Subtype Selective Drugs. <i>Journal of Neuroscience</i> , 2011, 31, 870-877.	1.7	110
56	From synapse to behavior: rapid modulation of defined neuronal types with engineered GABA receptors. <i>Nature Neuroscience</i> , 2007, 10, 923-929.	7.1	108
57	Alterations in the expression of GABA receptor subunits in cerebellar granule cells after the disruption of the $\alpha$ 6 subunit gene. <i>European Journal of Neuroscience</i> , 1999, 11, 1685-1697.	1.2	103
58	A polymorphism (5-HTTLPR) in the serotonin transporter promoter gene is associated with DSM-IV depression subtypes in seasonal affective disorder. <i>Molecular Psychiatry</i> , 2003, 8, 942-946.	4.1	103
59	Gephyrin, the enigmatic organizer at GABAergic synapses. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 23.	1.8	103
60	A Significant Part of Native $\beta$ -Aminobutyric Acid Receptors Containing $\alpha$ 4 Subunits Do Not Contain $\beta$ 3 or $\beta$ Subunits. <i>Journal of Biological Chemistry</i> , 1999, 274, 19613-19616.	1.6	102
61	Immunohistochemical localization of the $\alpha$ 1, $\alpha$ 2 and $\alpha$ 3 subunit of the GABA <sub>A</sub> receptor in the rat brain. <i>Neuroscience Letters</i> , 1991, 127, 125-128.	1.0	99
62	Genome scan for susceptibility loci for schizophrenia and bipolar disorder. <i>Biological Psychiatry</i> , 2002, 52, 40-52.	0.7	95
63	Affinity of various ligands for benzodiazepine receptors in rat cerebellum and hippocampus. <i>Biochemical Pharmacology</i> , 1984, 33, 4033-4038.	2.0	94
64	Subunit composition and quantitative importance of GABA <sub>A</sub> receptor subtypes in the cerebellum of mouse and rat. <i>Journal of Neurochemistry</i> , 2003, 87, 1444-1455.	2.1	94
65	Synaptic Control of Glycine and GABA <sub>A</sub> Receptors and Gephyrin Expression in Cultured Motoneurons. <i>Journal of Neuroscience</i> , 1999, 19, 7434-7449.	1.7	91
66	Molecular Basis of the $\beta$ -Aminobutyric Acid A Receptor $\alpha$ 3 Subunit Interaction with the Clustering Protein Gephyrin. <i>Journal of Biological Chemistry</i> , 2011, 286, 37702-37711.	1.6	89
67	Targeted Disruption of the GABA <sub>A</sub> Receptor $\alpha$ Subunit Gene Leads to an Up-regulation of $\beta$ 2 Subunit-containing Receptors in Cerebellar Granule Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 10532-10538.	1.6	88
68	Protein Kinase C Phosphorylation Regulates Membrane Insertion of GABA <sub>A</sub> Receptor Subtypes That Mediate Tonic Inhibition. <i>Journal of Biological Chemistry</i> , 2010, 285, 41795-41805.	1.6	87
69	Interaction of allosteric ligands with GABA <sub>A</sub> receptors containing one, two, or three different subunits. <i>European Journal of Pharmacology</i> , 1996, 301, 207-214.	1.7	83
70	Pharmacological Properties of GABA <sub>A</sub> Receptors Containing $\alpha$ 1 Subunits. <i>Molecular Pharmacology</i> , 2006, 69, 640-649.	1.0	83
71	TAURINE UPTAKE IN SYNAPTOSOMAL FRACTIONS OF RAT CEREBRAL CORTEX. <i>Journal of Neurochemistry</i> , 1975, 25, 5-9.	2.1	81
72	Photoaffinity labeling of benzodiazepine receptors with a partial inverse agonist. <i>European Journal of Pharmacology</i> , 1984, 102, 191-192.	1.7	80

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73	Unraveling the function of GABA <sub>A</sub> receptor subtypes. Trends in Pharmacological Sciences, 2000, 21, 411-413.	4.0	80
74	Protein Kinase C $\gamma$ Regulates Ethanol Intoxication and Enhancement of GABA-Stimulated Tonic Current. Journal of Neuroscience, 2008, 28, 11890-11899.	1.7	77
75	Ca <sup>2+</sup> and cyclic AMP regulate phosphorylation of same two membrane-associated proteins specific to nerve tissue.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 2475-2479.	3.3	76
76	The citalopram challenge test in patients with major depression and in healthy controls. Psychiatry Research, 1999, 88, 75-88.	1.7	76
77	Cultured Hippocampal Pyramidal Neurons Express Two Kinds of GABA <sub>A</sub> Receptors. Molecular Pharmacology, 2005, 67, 775-788.	1.0	76
78	Increased Expression of GABA <sub>A</sub> Receptor $\alpha$ 2-Subunits in the Hippocampus of Patients with Temporal Lobe Epilepsy. Journal of Neuropathology and Experimental Neurology, 2003, 62, 820-834.	0.9	75
79	A novel GABA <sub>A</sub> receptor pharmacology: drugs interacting with the $\alpha$ 1- $\alpha$ 2 interface. British Journal of Pharmacology, 2012, 166, 476-485.	2.7	75
80	Differential regulation of synaptic GABA <sub>A</sub> receptors by cAMP-dependent protein kinase in mouse cerebellar and olfactory bulb neurones. Journal of Physiology, 1999, 521, 421-435.	1.3	74
81	Association of protein kinase C with GABA <sub>A</sub> receptors containing $\alpha$ 1 and $\alpha$ 4 subunits in the cerebral cortex: selective effects of chronic ethanol consumption. Journal of Neurochemistry, 2002, 82, 110-117.	2.1	74
82	GABA <sub>A</sub> Receptor Assembly. Journal of Biological Chemistry, 2000, 275, 8921-8928.	1.6	70
83	Abolition of zolpidem sensitivity in mice with a point mutation in the GABA <sub>A</sub> receptor $\alpha$ 2 subunit. Neuropharmacology, 2004, 47, 17-34.	2.0	70
84	Neurosteroid Analog Photolabeling of a Site in the Third Transmembrane Domain of the $\alpha$ 3 Subunit of the GABA <sub>A</sub> Receptor. Molecular Pharmacology, 2012, 82, 408-419.	1.0	69
85	Rat beta 3 subunits expressed in human embryonic kidney 293 cells form high affinity [ <sup>35</sup> S]t-butylbicyclophosphorothionate binding sites modulated by several allosteric ligands of gamma-aminobutyric acid type A receptors. Molecular Pharmacology, 1995, 48, 385-91.	1.0	69
86	Cellular localization and differential distribution of GABA <sub>A</sub> receptor subunit proteins and messenger RNAs within hypothalamic magnocellular neurons. Neuroscience, 1995, 64, 1129-1143.	1.1	68
87	Genome Scan for Susceptibility Loci for Schizophrenia. Neuropsychobiology, 2000, 42, 175-182.	0.9	68
88	Alternate Use of Distinct Intersubunit Contacts Controls GABA <sub>A</sub> Receptor Assembly and Stoichiometry. Journal of Neuroscience, 2001, 21, 9124-9133.	1.7	68
89	An Updated Unified Pharmacophore Model of the Benzodiazepine Binding Site on $\gamma$ -Aminobutyric Acid Receptors: Correlation with Comparative Models. Current Medicinal Chemistry, 2007, 14, 2755-2775.	1.2	68
90	Irreversible Binding of [ <sup>3</sup> H]Flunitrazepam to Different Proteins in Various Brain Regions. Journal of Neurochemistry, 1983, 41, 47-55.	2.1	66

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91	gamma -Aminobutyric acid, acting through gamma -aminobutyric acid type A receptors, inhibits the biosynthesis of neurosteroids in the frog hypothalamus. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 13925-13930.	3.3	65
92	Are GABAA Receptors Containing $\alpha 5$ Subunits Contributing to the Sedative Properties of Benzodiazepine Site Agonists?. Neuropsychopharmacology, 2008, 33, 332-339.	2.8	65
93	Several new benzodiazepines selectively interact with a benzodiazepine receptor subtype. Neuroscience Letters, 1983, 38, 73-78.	1.0	64
94	Postnatal Development of Proteins Associated with Different Benzodiazepine Receptors. Journal of Neurochemistry, 1986, 46, 173-180.	2.1	63
95	Ectopic expression of the GABAA receptor $\alpha 6$ subunit in hippocampal pyramidal neurons produces extrasynaptic receptors and an increased tonic inhibition. Neuropharmacology, 2002, 43, 530-549.	2.0	63
96	Properties of [3H]flunitrazepam binding to different benzodiazepine binding proteins. European Journal of Pharmacology, 1983, 88, 291-299.	1.7	62
97	Various proteins from rat brain, specifically and irreversibly labeled by [3H]flunitrazepam, are distinct $\alpha$ -subunits of the GABA-benzodiazepine receptor complex. Neuroscience Letters, 1988, 90, 314-319.	1.0	62
98	Light Treatment in Depressive Illness. European Neurology, 1986, 25, 93-103.	0.6	61
99	Long-Range Interactions in Neuronal Gene Expression: Evidence from Gene Targeting in the GABAA Receptor $\alpha 1$ Subunit Gene Cluster. Molecular and Cellular Neurosciences, 2000, 16, 34-41.	1.0	61
100	Azemiopsin from Azemiops feae Viper Venom, a Novel Polypeptide Ligand of Nicotinic Acetylcholine Receptor. Journal of Biological Chemistry, 2012, 287, 27079-27086.	1.6	61
101	Antiseizure Activity of Novel $\alpha 3$ -Aminobutyric Acid (A) Receptor Subtype-Selective Benzodiazepine Analogues in Mice and Rat Models. Journal of Medicinal Chemistry, 2009, 52, 1795-1798.	2.9	60
102	Evidence for the existence of several different $\alpha$ - and $\beta$ -subunits of the GABA/benzodiazepine receptor complex from rat brain. Neuroscience Letters, 1989, 97, 329-333.	1.0	59
103	Possible association between childhood absence epilepsy and the gene encoding GABRB3. Biological Psychiatry, 1999, 46, 997-1002.	0.7	57
104	Separation of $\alpha 1$ , $\alpha 2$ and $\alpha 3$ subunits of the GABAA-benzodiazepine receptor complex by immunoaffinity chromatography. Brain Research, 1991, 563, 325-328.	1.1	56
105	Anxiolytic-like effects of 8-acetylene imidazobenzodiazepines in a rhesus monkey conflict procedure. Neuropharmacology, 2010, 59, 612-618.	2.0	55
106	Non-association of dopamine D4 and D2 receptor genes with personality in healthy individuals. Psychiatric Genetics, 2000, 10, 131-137.	0.6	54
107	PWZ-029, a compound with moderate inverse agonist functional selectivity at GABAA receptors containing $\alpha 5$ subunits, improves passive, but not active, avoidance learning in rats. Brain Research, 2008, 1208, 150-159.	1.1	54
108	Deficits in spatial memory correlate with modified $\alpha$ -aminobutyric acid type A receptor tyrosine phosphorylation in the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20039-20044.	3.3	53

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109	Benzodiazepine-mediated regulation of $\alpha 1$ , $\alpha 2$ , $\alpha 3$ and $\beta 2$ GABA <sub>A</sub> receptor subunit proteins in the rat brain hippocampus and cortex. <i>Neuroscience</i> , 1999, 93, 33-44.	1.1	52
110	Gel-based mass spectrometric analysis of a strongly hydrophobic GABA <sub>A</sub> -receptor subunit containing four transmembrane domains. <i>Nature Protocols</i> , 2009, 4, 1093-1102.	5.5	51
111	The parvalbumin-positive interneurons in the mouse dentate gyrus express GABA <sub>A</sub> receptor subunits $\alpha 1$ , $\beta 2$ , and $\delta$ along their extrasynaptic cell membrane. <i>Neuroscience</i> , 2013, 254, 80-96.	1.1	51
112	Composition of the GABA <sub>A</sub> Receptors of Retinal Dopaminergic Neurons. <i>Journal of Neuroscience</i> , 1999, 19, 7812-7822.	1.7	50
113	Special relationship of $\gamma$ -aminobutyric acid to the ventromedial nucleus of the hypothalamus during embryonic development. , 1999, 405, 88-98.		50
114	Benzodiazepine receptors: Multiple receptors or multiple conformations?. <i>Journal of Neural Transmission</i> , 1985, 63, 191-208.	1.4	49
115	Subtype selectivity of $\alpha 1$ site ligands of GABA <sub>A</sub> receptors: identification of the first highly specific positive modulators at $\alpha 2/\alpha 3$ receptors. <i>British Journal of Pharmacology</i> , 2013, 169, 384-399.	2.7	48
116	Identification of $\alpha 2$ - and $\alpha 3$ -subunits of the GABA <sub>A</sub> -benzodiazepine receptor complex purified from the brains of young rats. <i>FEBS Letters</i> , 1990, 261, 52-54.	1.3	47
117	GABA <sub>A</sub> Receptors: Post-Synaptic Co-Localization and Cross-Talk with Other Receptors. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 7.	1.8	47
118	Identification of novel positive allosteric modulators and null modulators at the GABA <sub>A</sub> receptor $\alpha 1$ interface. <i>British Journal of Pharmacology</i> , 2013, 169, 371-383.	2.7	47
119	GABA influences the development of the ventromedial nucleus of the hypothalamus. <i>Journal of Neurobiology</i> , 2001, 49, 264-276.	3.7	46
120	Immunoaffinity purification of gamma-aminobutyric acid <sub>A</sub> (GABA <sub>A</sub> ) receptors containing gamma 1-subunits. Evidence for the presence of a single type of gamma-subunit in GABA <sub>A</sub> receptors. <i>Journal of Biological Chemistry</i> , 1994, 269, 25777-82.	1.6	46
121	EVIDENCE FOR SPECIFIC SYNAPTOSOMAL LOCALIZATION OF EXOGENOUS ACCUMULATED TAURINE. <i>Journal of Neurochemistry</i> , 1974, 23, 911-915.	2.1	45
122	Affinity of various benzodiazepine site ligands in mice with a point mutation in the GABA <sub>A</sub> receptor $\alpha 2$ subunit. <i>Biochemical Pharmacology</i> , 2004, 68, 1621-1629.	2.0	45
123	The point mutation $\alpha 2$ F77I changes the potency and efficacy of benzodiazepine site ligands in different GABA <sub>A</sub> receptor subtypes. <i>European Journal of Pharmacology</i> , 2010, 636, 18-27.	1.7	45
124	Neurotoxins from Snake Venoms and $\alpha$ -Conotoxin Iml Inhibit Functionally Active Ionotropic $\beta 3$ -Aminobutyric Acid (GABA) Receptors. <i>Journal of Biological Chemistry</i> , 2015, 290, 22747-22758.	1.6	45
125	Properties of a high affinity binding site for [3H]avermectin B1a. <i>European Journal of Pharmacology</i> , 1984, 99, 269-277.	1.7	44
126	Clusters of GABA <sub>A</sub> receptors on cultured hippocampal cells correlate only partially with functional synapses. <i>European Journal of Neuroscience</i> , 1999, 11, 1256-1264.	1.2	44



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127	Development of $\hat{1}^3$ -aminobutyric acidergic synapses in cultured hippocampal neurons. <i>Journal of Comparative Neurology</i> , 2006, 495, 497-510.	0.9	44
128	The Cell Adhesion Molecule Neuroplastin-65 Is a Novel Interaction Partner of $\hat{1}^3$ -Aminobutyric Acid Type A Receptors. <i>Journal of Biological Chemistry</i> , 2012, 287, 14201-14214.	1.6	44
129	CYP2D6 genotype and phenotyping by determination of dextromethorphan and metabolites in serum of healthy controls and of patients under psychotropic medication. <i>Pharmacogenetics and Genomics</i> , 1997, 7, 453-461.	5.7	43
130	Clustering of Extrasynaptic GABAA Receptors Modulates Tonic Inhibition in Cultured Hippocampal Neurons. <i>Journal of Biological Chemistry</i> , 2004, 279, 45833-45843.	1.6	43
131	Biological evaluation of $2\hat{a}^{\epsilon 2}$ -[18F]fluoroflumazenil ([18F]FFMZ), a potential GABA receptor ligand for PET. <i>Nuclear Medicine and Biology</i> , 2004, 31, 291-295.	0.3	43
132	No association of clock gene T3111C polymorphism and affective disorders. <i>European Neuropsychopharmacology</i> , 2005, 15, 51-55.	0.3	43
133	Novel positive allosteric modulators of GABAA receptors: Do subtle differences in activity at $\hat{1}^{\pm 1}$ plus $\hat{1}^{\pm 5}$ versus $\hat{1}^{\pm 2}$ plus $\hat{1}^{\pm 3}$ subunits account for dissimilarities in behavioral effects in rats?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 376-386.	2.5	43
134	Assembly of GABA <sub>A</sub> receptors (Review). <i>Molecular Membrane Biology</i> , 2008, 25, 302-310.	2.0	42
135	Potassium-evoked release of taurine from synaptosomal fractions of rat cerebral cortex. <i>Brain Research</i> , 1976, 116, 538-543.	1.1	41
136	Comparison of benzodiazepine receptor binding in membranes from human or rat brain. <i>Neuropharmacology</i> , 1985, 24, 751-759.	2.0	41
137	Isolation of type I and type II GABAA-benzodiazepine receptors by immunoaffinity chromatography. <i>FEBS Letters</i> , 1991, 284, 15-18.	1.3	41
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