Werner Sieghart

List of Publications by Year
in descending order

#	Article	IF	Citations
1	<i>Î±</i>6-Containing GABA_AReceptors: Functional Roles and Therapeutic Potentials. Pharmacological Reviews, 2022, 74, 238-270.	16.0	14
2	Targeting Î±6GABAA receptors as a novel therapy for schizophrenia: A proof-of-concept preclinical study using various animal models. Biomedicine and Pharmacotherapy, 2022, 150, 113022.	5.6	5
3	Î±6GABAA Receptor Positive Modulators Alleviate Migraine-like Grimaces in Mice via Compensating GABAergic Deficits in Trigeminal Ganglia. Neurotherapeutics, 2021, 18, 569-585.	4.4	11
4	8-Substituted Triazolobenzodiazepines: In Vitro and In Vivo Pharmacology in Relation to Structural Docking at the Î±1 Subunit-Containing GABAA Receptor. Frontiers in Pharmacology, 2021, 12, 625233.	3.5	1
5	GABA_A receptors in GtoPdb v.2021.3. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, .	0.2	3
6	Immunohistochemical distribution of 10 <scp>GABA_A</scp> receptor subunits in the forebrain of the rhesus monkey <scp><i>Macaca mulatta</i></scp>. Journal of Comparative Neurology, 2020, 528, 2551-2568.	1.6	20
7	Alterations in GABAA Receptor Subunit Expression in the Amygdala and Entorhinal Cortex in Human Temporal Lobe Epilepsy. Journal of Neuropathology and Experimental Neurology, 2019, 78, 1022-1048.	1.7	8
8	Trigeminal neuropathic pain development and maintenance in rats are suppressed by a positive modulator of Î±6 GABA_A receptors. European Journal of Pain, 2019, 23, 973-984.	2.8	24
9	Structural and Functional Remodeling of Amygdala GABAergic Synapses in Associative Fear Learning. Neuron, 2019, 104, 781-794.e4.	8.1	24
10	A Novel Drug Target for Migraine: The GABA A Receptor Î±6 Subtype in Trigeminal Ganglia. FASEB Journal, 2019, 33, lb78.	0.5	0
11	GABA_A receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	2
12	Design and Synthesis of Novel Deuterated Ligands Functionally Selective for the Î³-Aminobutyric Acid Type A Receptor (GABA_AR) Î±6 Subtype with Improved Metabolic Stability and Enhanced Bioavailability. Journal of Medicinal Chemistry, 2018, 61, 2422-2446.	6.4	40
13	Cerebellar Î±₆â€subunitâ€containing GABA_A receptors: a novel therapeutic target for disrupted prepulse inhibition in neuropsychiatric disorders. British Journal of Pharmacology, 2018, 175, 2414-2427.	5.4	25
14	GABA_A receptor subunits in the human amygdala and hippocampus: Immunohistochemical distribution of 7 subunits. Journal of Comparative Neurology, 2018, 526, 324-348.	1.6	35
15	International Union of Basic and Clinical Pharmacology. CVI: GABA_A Receptor Subtype- and Function-selective Ligands: Key Issues in Translation to Humans. Pharmacological Reviews, 2018, 70, 836-878.	16.0	144
16	Evidence That Sedative Effects of Benzodiazepines Involve Unexpected GABA_A Receptor Subtypes: Quantitative Observation Studies in Rhesus Monkeys. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 145-157.	2.5	17
17	Engineered Flumazenil Recognition Site Provides Mechanistic Insight Governing Benzodiazepine Modulation in GABA_A Receptors. ACS Chemical Biology, 2018, 13, 2040-2047.	3.4	8
18	The Î±6 subunit-containing GABAA receptor: A novel drug target for inhibition of trigeminal activation. Neuropharmacology, 2018, 140, 1-13.	4.1	19

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19	The cerebellar Î±6 subunit-containing GABA_A receptor: A novel therapeutic target for disrupted prepulse inhibition in neuropsychiatric disorders. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-1-95.	0.0	1
20	A Novel Target for Migraine Therapy: the Î±6 Subunit-Containing GABA_A Receptor. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-1-136.	0.0	0
21	Formation of GABAA receptor complexes containing Î±1 and Î±5 subunits is paralleling a multiple T-maze learning task in mice. Brain Structure and Function, 2017, 222, 549-561.	2.3	12
22	Early postnatal switch in GABA_A receptor Î±-subunits in the reticular thalamic nucleus. Journal of Neurophysiology, 2016, 115, 1183-1195.	1.8	13
23	Mutagenesis and computational docking studies support the existence of a histamine binding site at the extracellular Î²3+Î²3âˆ’ interface of homooligomeric Î²3 GABA A receptors. Neuropharmacology, 2016, 108, 252-263.	4.1	13
24	First <i>In Vivo</i> Testing of Compounds Targeting Group 3 Medulloblastomas Using an Implantable Microdevice as a New Paradigm for Drug Development. Journal of Biomedical Nanotechnology, 2016, 12, 1297-1302.	1.1	36
25	The Î±1, Î±2, Î±3, and Î³2 subunits of GABA_A receptors show characteristic spatial and temporal expression patterns in rhombencephalic structures during normal human brain development. Journal of Comparative Neurology, 2016, 524, 1805-1824.	1.6	20
26	GABAA receptor subtypes: structural variety raises hope for new therapy concepts. E-Neuroforum, 2015, 21, .	0.1	0
27	GABAA receptor subtypes: structural variety raises hope for new therapy concepts. E-Neuroforum, 2015, 6, 97-103.	0.1	3
28	Neurotoxins from Snake Venoms and Î±-Conotoxin ImI Inhibit Functionally Active Ionotropic Î³-Aminobutyric Acid (GABA) Receptors. Journal of Biological Chemistry, 2015, 290, 22747-22758.	3.4	45
29	Allosteric Modulation of GABAA Receptors via Multiple Drug-Binding Sites. Advances in Pharmacology, 2015, 72, 53-96.	2.0	159
30	GABA_A Receptor Subtype-Selectivity of Novel Bicuculline Derivatives. Current Medicinal Chemistry, 2015, 22, 771-780.	2.4	5
31	Sh-I-048A, an in vitro non-selective super-agonist at the benzodiazepine site of GABAA receptors: The approximated activation of receptor subtypes may explain behavioral effects. Brain Research, 2014, 1554, 36-48.	2.2	17
32	Unexpected Properties of Î´-Containing GABAA Receptors in Response to Ligands Interacting with the Î±+ Î²âˆ’ Site. Neurochemical Research, 2014, 39, 1057-1067.	3.3	14
33	Comparing the high affinity benzodiazepine binding site with the homologous â€œCGS 9895â€•site in GABAâ€A receptors (1059.1). FASEB Journal, 2014, 28, 1059.1.	0.5	0
34	The parvalbumin-positive interneurons in the mouse dentate gyrus express GABAA receptor subunits alpha1, beta2, and delta along their extrasynaptic cell membrane. Neuroscience, 2013, 254, 80-96.	2.3	51
35	A propofol binding site on mammalian GABAA receptors identified by photolabeling. Nature Chemical Biology, 2013, 9, 715-720.	8.0	199
36	Subtype selectivity of Î±+Î²âˆ’ site ligands of <scp>GABA_A</scp> receptors: identification of the first highly specific positive modulators at Î±6Î²2/3Î³2 receptors. British Journal of Pharmacology, 2013, 169, 384-399.	5.4	48

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37	Search for Î±3Î²2/3Î³2 subtype selective ligands that are stable on human liver microsomes. Bioorganic and Medicinal Chemistry, 2013, 21, 93-101.	3.0	17
38	Benzodiazepine-induced spatial learning deficits in rats are regulated by the degree of modulation of Î±1 GABAA receptors. European Neuropsychopharmacology, 2013, 23, 390-399.	0.7	10
39	Patterns of mRNA and protein expression for 12 GABAA receptor subunits in the mouse brain. Neuroscience, 2013, 236, 345-372.	2.3	201
40	Identification of novel positive allosteric modulators and null modulators at the <scp>GABA_A</scp> receptor Î±+Î²âˆ’ interface. British Journal of Pharmacology, 2013, 169, 371-383.	5.4	47
41	Anxioselective anxiolytics: additional perspective. Trends in Pharmacological Sciences, 2013, 34, 145-146.	8.7	2
42	Insights into functional pharmacology of Î±1 GABAA receptors: how much does partial activation at the benzodiazepine site matter?. Psychopharmacology, 2013, 230, 113-123.	3.1	4
43	Pentameric ligand-gated ion channel ELIC is activated by GABA and modulated by benzodiazepines. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3028-34.	7.1	120
44	Azemiopsin from Azemiops feae Viper Venom, a Novel Polypeptide Ligand of Nicotinic Acetylcholine Receptor. Journal of Biological Chemistry, 2012, 287, 27079-27086.	3.4	61
45	Deep Amino Acid Sequencing of Native Brain GABAA Receptors Using High-Resolution Mass Spectrometry. Molecular and Cellular Proteomics, 2012, 11, M111.011445.	3.8	135
46	Gephyrin, the enigmatic organizer at GABAergic synapses. Frontiers in Cellular Neuroscience, 2012, 6, 23.	3.7	103
47	Neurosteroid Analog Photolabeling of a Site in the Third Transmembrane Domain of the Î²3 Subunit of the GABA_A Receptor. Molecular Pharmacology, 2012, 82, 408-419.	2.3	69
48	Spatio-temporal expression analysis of the calcium-binding protein calumenin in the rodent brain. Neuroscience, 2012, 202, 29-41.	2.3	17
49	A novel GABA_A receptor pharmacology: drugs interacting with the Î±⁺Î²^{â€‹} interface. British Journal of Pharmacology, 2012, 166, 476-485.	5.4	75
50	Transient transfection coupled to baculovirus infection for rapid protein expression screening in insect cells. Journal of Structural Biology, 2012, 179, 46-55.	2.8	19
51	Unravelling the role of GABA_A receptor subtypes in distinct neurons and behaviour. Journal of Physiology, 2012, 590, 2181-2182.	2.9	4
52	The Cell Adhesion Molecule Neuroplastin-65 Is a Novel Interaction Partner of Î³-Aminobutyric Acid Type A Receptors. Journal of Biological Chemistry, 2012, 287, 14201-14214.	3.4	44
53	Understanding subtype-selective allosteric modulation of GABAAreceptors. BMC Pharmacology & Toxicology, 2012, 13, .	2.4	0
54	Diazepam-bound GABAA receptor models identify new benzodiazepine binding-site ligands. Nature Chemical Biology, 2012, 8, 455-464.	8.0	175

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55	Histaminergic pharmacology of homo-oligomeric Î²3 Î³-aminobutyric acid type A receptors characterized by surface plasmon resonance biosensor technology. Biochemical Pharmacology, 2012, 84, 341-351.	4.4	19
56	GABAA Receptors: Post-Synaptic Co-Localization and Cross-Talk with Other Receptors. Frontiers in Cellular Neuroscience, 2011, 5, 7.	3.7	47
57	Subunit Compensation and Plasticity of Synaptic GABAA Receptors Induced by Ethanol in ?4 Subunit Knockout Mice. Frontiers in Neuroscience, 2011, 5, 110.	2.8	26
58	Binge Drinking: In Search of its Molecular Target via the GABAA Receptor. Frontiers in Neuroscience, 2011, 5, 123.	2.8	16
59	Removal of GABAA Receptor Î³2 Subunits from Parvalbumin Neurons Causes Wide-Ranging Behavioral Alterations. PLoS ONE, 2011, 6, e24159.	2.5	33
60	Differential localization of GABAA receptor subunits in relation to rat striatopallidal and pallidopallidal synapses. European Journal of Neuroscience, 2011, 33, 868-878.	2.6	25
61	Localization of GABAâ€A receptor alpha subunits on neurochemically distinct cell types in the rat locus coeruleus. European Journal of Neuroscience, 2011, 34, 250-262.	2.6	29
62	Fear learning induces structural and functional plasticity at GABAergic synapses in the basolateral amygdala. BMC Pharmacology, 2011, 11, A42.	0.4	0
63	Plasticity of GABA_A Receptors after Ethanol Pre-Exposure in Cultured Hippocampal Neurons. Molecular Pharmacology, 2011, 79, 432-442.	2.3	36
64	The GABA_AReceptor Î±+Î²âˆ' Interface: A Novel Target for Subtype Selective Drugs. Journal of Neuroscience, 2011, 31, 870-877.	3.6	110
65	Regulation of GABAA Receptor Dynamics by Interaction with Purinergic P2X2 Receptors. Journal of Biological Chemistry, 2011, 286, 14455-14468.	3.4	31
66	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
67	No association of the neuropeptide Y (Leu7Pro) and ghrelin gene (Arg51Gln, Leu72Met, Gln90Leu) single nucleotide polymorphisms with eating disorders. Nordic Journal of Psychiatry, 2011, 65, 203-207.	1.3	18
68	Binge alcohol drinking is associated with GABA_AÎ±2-regulated Toll-like receptor 4 (TLR4) expression in the central amygdala. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4465-4470.	7.1	146
69	The point mutation Î³2F77I changes the potency and efficacy of benzodiazepine site ligands in different GABAA receptor subtypes. European Journal of Pharmacology, 2010, 636, 18-27.	3.5	45
70	Fear learning triggers structural changes at GABAergic synapses in the basal amygdala. BMC Pharmacology, 2010, 10, .	0.4	1
71	Quantitative localisation of synaptic and extrasynaptic GABA_A receptor subunits on hippocampal pyramidal cells by freezeâ€fracture replica immunolabelling. European Journal of Neuroscience, 2010, 32, 1868-1888.	2.6	131
72	Protein Kinase C Phosphorylation Regulates Membrane Insertion of GABAA Receptor Subtypes That Mediate Tonic Inhibition. Journal of Biological Chemistry, 2010, 285, 41795-41805.	3.4	87

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73	Interaction between serotonin 5-HT2A receptor gene and dopamine transporter (DAT1) gene polymorphisms influences personality trait of persistence in Austrian Caucasians. World Journal of Biological Psychiatry, 2010, 11, 417-424.	2.6	14
74	Novel positive allosteric modulators of GABAA receptors: Do subtle differences in activity at Î±1 plus Î±5 versus Î±2 plus Î±3 subunits account for dissimilarities in behavioral effects in rats?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 376-386.	4.8	43
75	Anxiolytic-like effects of 8-acetylene imidazobenzodiazepines in a rhesus monkey conflict procedure. Neuropharmacology, 2010, 59, 612-618.	4.1	55
76	Deficits in spatial memory correlate with modified Î³-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.	7.1	53
77	Benzodiazepines modulate GABAA receptors by reducing a gamma-subunit-mediated inhibition of GABA sensitivity. BMC Pharmacology, 2009, 9, A23.	0.4	0
78	Gel-based mass spectrometric analysis of a strongly hydrophobic GABAA-receptor subunit containing four transmembrane domains. Nature Protocols, 2009, 4, 1093-1102.	12.0	51
79	Structureâ€“activity relationship of etomidate derivatives at the GABAA receptor: Comparison with binding to 11Î²-hydroxylase. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4284-4287.	2.2	29
80	Antiseizure Activity of Novel Î³-Aminobutyric Acid (A) Receptor Subtype-Selective Benzodiazepine Analogues in Mice and Rat Models. Journal of Medicinal Chemistry, 2009, 52, 1795-1798.	6.4	60
81	GABAA receptors: Subtypes provide diversity of function and pharmacology. Neuropharmacology, 2009, 56, 141-148.	4.1	836
82	New insights on the role of gephyrin in regulating both phasic and tonic GABAergic inhibition in rat hippocampal neurons in culture. Neuroscience, 2009, 164, 552-562.	2.3	24
83	Establishing a new mouse model for investigating the function of amygdala neurons in anxiety. BMC Pharmacology, 2008, 8, A35.	0.4	0
84	A study of the structureâ€“activity relationship of GABAAâ€“benzodiazepine receptor bivalent ligands by conformational analysis with low temperature NMR and X-ray analysis. Bioorganic and Medicinal Chemistry, 2008, 16, 8853-8862.	3.0	6
85	Estimating the efficiency of benzodiazepines on GABA_A receptors comprising Î³1 or Î³2 subunits. British Journal of Pharmacology, 2008, 155, 424-433.	5.4	20
86	PWZ-029, a compound with moderate inverse agonist functional selectivity at GABAA receptors containing Î±5 subunits, improves passive, but not active, avoidance learning in rats. Brain Research, 2008, 1208, 150-159.	2.2	54
87	6,3â€²-Dinitroflavone is a low efficacy modulator of GABAA receptors. European Journal of Pharmacology, 2008, 591, 142-146.	3.5	2
88	Selective Influence on Contextual Memory: Physiochemical Properties Associated with Selectivity of Benzodiazepine Ligands at GABA_AReceptors Containing the Î±5 Subunit. Journal of Medicinal Chemistry, 2008, 51, 3788-3803.	6.4	26
89	Gel-Based Mass Spectrometric Analysis of Recombinant GABAA Receptor Subunits Representing Strongly Hydrophobic Transmembrane Proteins. Journal of Proteome Research, 2008, 7, 3498-3506.	3.7	31
90	Assembly of GABA_Areceptors (Review). Molecular Membrane Biology, 2008, 25, 302-310.	2.0	42

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91	Deficits in Phosphorylation of GABA_AReceptors by Intimately Associated Protein Kinase C Activity Underlie Compromised Synaptic Inhibition during Status Epilepticus. Journal of Neuroscience, 2008, 28, 376-384.	3.6	129
92	Are GABAA Receptors Containing Î±5 Subunits Contributing to the Sedative Properties of Benzodiazepine Site Agonists?. Neuropsychopharmacology, 2008, 33, 332-339.	5.4	65
93	Protein Kinase CÎ´ Regulates Ethanol Intoxication and Enhancement of GABA-Stimulated Tonic Current. Journal of Neuroscience, 2008, 28, 11890-11899.	3.6	77
94	International Union of Pharmacology. LXX. Subtypes of Î³-Aminobutyric Acid_AReceptors: Classification on the Basis of Subunit Composition, Pharmacology, and Function. Update. Pharmacological Reviews, 2008, 60, 243-260.	16.0	938
95	GABAA Î±6-Containing Receptors Are Selectively Compromised in Cerebellar Granule Cells of the Ataxic Mouse, Stargazer. Journal of Biological Chemistry, 2007, 282, 29130-29143.	3.4	21
96	An Updated Unified Pharmacophore Model of the Benzodiazepine Binding Site on γ-Aminobutyric Acida Receptors: Correlation with Comparative Models. Current Medicinal Chemistry, 2007, 14, 2755-2775.	2.4	68
97	Spontaneous Cross-link of Mutated Î±1 Subunits during GABAA Receptor Assembly. Journal of Biological Chemistry, 2007, 282, 4354-4363.	3.4	9
98	17 Î²-estradiol modulates GABAergic synaptic transmission and tonic currents during development in vitro. Neuropharmacology, 2007, 52, 1342-1353.	4.1	11
99	Additional support for linkage of schizophrenia and bipolar disorder to chromosome 3q29. European Neuropsychopharmacology, 2007, 17, 501-505.	0.7	8
100	From synapse to behavior: rapid modulation of defined neuronal types with engineered GABAA receptors. Nature Neuroscience, 2007, 10, 923-929.	14.8	108
101	AMPA and kainate receptors mediate mutually exclusive effects on GABAAreceptor expression in cultured mouse cerebellar granule neurones. Journal of Neurochemistry, 2007, 104, 071106212614001-???.	3.9	9
102	Subunit Composition and Structure of GABAA-Receptor Subtypes. , 2007, , 69-86.		8
103	Structure, Pharmacology, and Function of GABAA Receptor Subtypes. Advances in Pharmacology, 2006, 54, 231-263.	2.0	270
104	Investigation of the abundance and subunit composition of GABAA receptor subtypes in the cerebellum of alpha1-subunit-deficient mice. Journal of Neurochemistry, 2006, 96, 136-147.	3.9	39
105	Identification of amino acid residues important for assembly of GABAA receptor alpha1 and gamma2 subunits. Journal of Neurochemistry, 2006, 96, 983-995.	3.9	15
106	Development of Î³-aminobutyric acidergic synapses in cultured hippocampal neurons. Journal of Comparative Neurology, 2006, 495, 497-510.	1.6	44
107	Aberrant GABAA Receptor Expression in the Dentate Gyrus of the Epileptic Mutant Mouse Stargazer. Journal of Neuroscience, 2006, 26, 8600-8608.	3.6	36
108	Ethanol potently and competitively inhibits binding of the alcohol antagonist Ro15-4513 to Â4/6beta3Â GABAA receptors. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8546-8551.	7.1	117

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109	Pharmacological Properties of GABAA Receptors Containing Î³1 Subunits. Molecular Pharmacology, 2006, 69, 640-649.	2.3	83
110	GABAA receptors as targets for different classes of drugs. Drugs of the Future, 2006, 31, 685.	0.1	11
111	Loss of zolpidem efficacy in the hippocampus of mice with the GABAAreceptor Î³2 F77I point mutation. European Journal of Neuroscience, 2005, 21, 3002-3016.	2.6	35
112	Cultured Hippocampal Pyramidal Neurons Express Two Kinds of GABAA Receptors. Molecular Pharmacology, 2005, 67, 775-788.	2.3	76
113	No association of clock gene T3111C polymorphism and affective disorders. European Neuropsychopharmacology, 2005, 15, 51-55.	0.7	43
114	Comparative Models of GABAA Receptor Extracellular and Transmembrane Domains: Important Insights in Pharmacology and Function. Molecular Pharmacology, 2005, 68, 1291-1300.	2.3	132
115	Clustering of Extrasynaptic GABAA Receptors Modulates Tonic Inhibition in Cultured Hippocampal Neurons. Journal of Biological Chemistry, 2004, 279, 45833-45843.	3.4	43
116	Behavioural correlates of an altered balance between synaptic and extrasynaptic GABAAergic inhibition in a mouse model. European Journal of Neuroscience, 2004, 20, 2168-2178.	2.6	23
117	Possible linkage of schizophrenia and bipolar affective disorder to chromosome 3q29. Journal of Psychiatric Research, 2004, 38, 357-364.	3.1	17
118	Affinity of various benzodiazepine site ligands in mice with a point mutation in the GABAA receptor Î³2 subunit. Biochemical Pharmacology, 2004, 68, 1621-1629.	4.4	45
119	Distribution of Î±1, Î±4, Î³2, and Î´Âsubunits of GABAA receptors in hippocampal granule cells. Brain Research, 2004, 1029, 207-216.	2.2	112
120	Abolition of zolpidem sensitivity in mice with a point mutation in the GABAA receptor Î³2 subunit. Neuropharmacology, 2004, 47, 17-34.	4.1	70
121	Biological evaluation of 2â€²-[18F]fluoroflumazenil ([18F]FFMZ), a potential GABA receptor ligand for PET. Nuclear Medicine and Biology, 2004, 31, 291-295.	0.6	43
122	In vivo and in vitro evaluation of [18 F]FETO with respect to the adrenocortical and GABAergic system in rats. European Journal of Nuclear Medicine and Molecular Imaging, 2003, 30, 1398-1401.	6.4	35
123	Subunit composition and quantitative importance of GABA_A receptor subtypes in the cerebellum of mouse and rat. Journal of Neurochemistry, 2003, 87, 1444-1455.	3.9	94
124	A polymorphism (5-HTTLPR) in the serotonin transporter promoter gene is associated with DSM-IV depression subtypes in seasonal affective disorder. Molecular Psychiatry, 2003, 8, 942-946.	7.9	103
125	Comparative modeling of GABAA receptors: limits, insights, future developments. Neuroscience, 2003, 119, 933-943.	2.3	140
126	Synthesis, in Vitro Affinity, and Efficacy of a Bis 8-Ethynyl-4H-imidazo[1,5a]- [1,4]benzodiazepine Analogue, the First Bivalent Î±5 Subtype Selective BzR/GABAA Antagonist. Journal of Medicinal Chemistry, 2003, 46, 5567-5570.	6.4	41

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127	Increased Expression of GABA_AReceptor Î²-Subunits in the Hippocampus of Patients with Temporal Lobe Epilepsy. Journal of Neuropathology and Experimental Neurology, 2003, 62, 820-834.	1.7	75
128	A Novel Site on Î³3 Subunits Important for Assembly of GABAA Receptors. Journal of Biological Chemistry, 2002, 277, 30656-30664.	3.4	19
129	Subunit Composition, Distribution and Function of GABA-A Receptor Subtypes. Current Topics in Medicinal Chemistry, 2002, 2, 795-816.	2.1	832
130	Tranexamic Acid, a Widely Used Antifibrinolytic Agent, Causes Convulsions by a Î³-Aminobutyric AcidA Receptor Antagonistic Effect. Journal of Pharmacology and Experimental Therapeutics, 2002, 301, 168-173.	2.5	192
131	Genome scan for susceptibility loci for schizophrenia and bipolar disorder. Biological Psychiatry, 2002, 52, 40-52.	1.3	95
132	Ectopic expression of the GABAA receptor Î±6 subunit in hippocampal pyramidal neurons produces extrasynaptic receptors and an increased tonic inhibition. Neuropharmacology, 2002, 43, 530-549.	4.1	63
133	Homologous sites of GABAA receptor Î±1, Î²3 and Î³2 subunits are important for assembly. Neuropharmacology, 2002, 43, 482-491.	4.1	30
134	Altered receptor subtypes in the forebrain of GABAA receptor Î´ subunit-deficient mice: recruitment of Î³2 subunits. Neuroscience, 2002, 109, 733-743.	2.3	121
135	GABAA receptor changes in ? subunit-deficient mice: Altered expression of ?4 and ?2 subunits in the forebrain. Journal of Comparative Neurology, 2002, 446, 179-197.	1.6	226
136	Association of protein kinase C with GABAA receptors containing Î±1 and Î±4 subunits in the cerebral cortex: selective effects of chronic ethanol consumption. Journal of Neurochemistry, 2002, 82, 110-117.	3.9	74
137	Identification of an amino acid sequence within GABAA receptor Î²3 subunits that is important for receptor assembly. Journal of Neurochemistry, 2002, 84, 127-135.	3.9	19
138	Binding of Î³-Aminobutyric AcidA Receptors to Tubulin. Journal of Neurochemistry, 2002, 63, 1119-1125.	3.9	29
139	N-Substituted 4-Amino-3,3-dipropyl-2(3H)-furanones: New Positive Allosteric Modulators of the GABAAReceptor Sharing Electrophysiological Properties with the Anticonvulsant Loreclezole. Journal of Medicinal Chemistry, 2002, 45, 2824-2831.	6.4	18
140	No evidence for in vivo regulation of midbrain serotonin transporter availability by serotonin transporter promoter gene polymorphism. Biological Psychiatry, 2001, 50, 8-12.	1.3	117
141	Î³-Aminobutyric Acid Receptor (GABAA) Subunits in Rat Nucleus Tractus Solitarii (NTS) Revealed by Polymerase Chain Reaction (PCR) and Immunohistochemistry. Molecular and Cellular Neurosciences, 2001, 17, 241-257.	2.2	31
142	Differential Cross Talk of ROD Compounds with the Benzodiazepine Binding Site. Molecular Pharmacology, 2001, 59, 1470-1477.	2.3	8
143	Alternate Use of Distinct Intersubunit Contacts Controls GABA_AReceptor Assembly and Stoichiometry. Journal of Neuroscience, 2001, 21, 9124-9133.	3.6	68
144	GABA Expression Dominates Neuronal Lineage Progression in the Embryonic Rat Neocortex and Facilitates Neurite Outgrowth via GABA_AAutoreceptor/Cl^{âˆ’}Channels. Journal of Neuroscience, 2001, 21, 2343-2360.	3.6	148

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145	GABA influences the development of the ventromedial nucleus of the hypothalamus. Journal of Neurobiology, 2001, 49, 264-276.	3.6	46
146	Distribution of the major ?-aminobutyric acidA receptor subunits in the basal ganglia and associated limbic brain areas of the adult rat. Journal of Comparative Neurology, 2001, 433, 526-549.	1.6	155
147	Detection and Binding Properties of GABAA Receptor Assembly Intermediates. Journal of Biological Chemistry, 2001, 276, 16024-16032.	3.4	35
148	Targeted Disruption of the GABAA Receptor Î´ Subunit Gene Leads to an Up-regulation of Î³2Subunit-containing Receptors in Cerebellar Granule Cells. Journal of Biological Chemistry, 2001, 276, 10532-10538.	3.4	88
149	Two Novel Residues in M2 of the Î³-Aminobutyric Acid Type A Receptor Affecting Gating by GABA and Picrotoxin Affinity. Journal of Biological Chemistry, 2001, 276, 7775-7781.	3.4	33
150	Non-association of dopamine D4 and D2 receptor genes with personality in healthy individuals. Psychiatric Genetics, 2000, 10, 131-137.	1.1	54
151	Colocalization of multiple GABAA receptor subtypes with gephyrin at postsynaptic sites. , 2000, 420, 481-498.		163
152	Role of the GABAAreceptor Î³2 subunit in the development of gonadotropin-releasing hormone neurons in vivo. European Journal of Neuroscience, 2000, 12, 3488-3496.	2.6	22
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