GABAA receptors: Subtypes provide diversity of function

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Citation Report

#	Article	IF	CITATIONS
1	Facilitation of transmitter release from rat sympathetic neurons via presynaptic P2Y1 receptors. BMC Pharmacology, 2008, 8, A8.	0.4	1
2	Studying cerebellar circuits by remote control of selected neuronal types with GABA-A receptors. Frontiers in Molecular Neuroscience, 2009, 2, 29.	1.4	22
3	Plasticity of the α4βδGABAA receptor. Biochemical Society Transactions, 2009, 37, 1378-1384.	1.6	9
4	Subtype-Selective GABAA Receptor Modulation Yields a Novel Pharmacological Profile: The Design and Development of TPA023. Advances in Pharmacology, 2009, 57, 137-185.	1.2	39
5	Distinct α subunits of the GABA _A receptor are responsible for early hippocampal silent neuronâ€related activities. Hippocampus, 2009, 19, 1103-1114.	0.9	40
6	Allosteric modulation by benzodiazepines of GABA-gated chloride channels of an identified insect motor neurone. Invertebrate Neuroscience, 2009, 9, 85-89.	1.8	5
7	Structural Basis of Activation of Cys-Loop Receptors: the Extracellular–Transmembrane Interface as a Coupling Region. Molecular Neurobiology, 2009, 40, 236-252.	1.9	41
8	The role of GABAA receptors in the acute and chronic effects of ethanol: a decade of progress. Psychopharmacology, 2009, 205, 529-564.	1.5	370
10	Distinct actions of etomidate and propofol at \hat{l}^2 3-containing \hat{l}^3 -aminobutyric acid type A receptors. Neuropharmacology, 2009, 57, 446-455.	2.0	31
11	GABAA receptors and their associated proteins: Implications in the etiology and treatment of schizophrenia and related disorders. Neuropharmacology, 2009, 57, 481-495.	2.0	101
12	Expression of GABAA receptor $\hat{l}\pm 3$ -, \hat{l} -, and $\hat{l}\mu$ -subunit mRNAs during rat CNS development and immunolocalization of the $\hat{l}\mu$ subunit in developing postnatal spinal cord. Neuroscience, 2009, 160, 85-96.	1.1	14
13	GABAA receptors of cerebellar granule cells in culture: explanation of overall insensitivity to ethanol. Neuroscience, 2009, 162, 1187-1191.	1.1	10
14	Ethanol modulates mammalian circadian clock phase resetting through extrasynaptic gaba receptor activation. Neuroscience, 2009, 164, 842-848.	1.1	42
15	Relation between increased anxiety and reduced expression of alpha1 and alpha2 subunits of GABAA receptors in Wfs1-deficient mice. Neuroscience Letters, 2009, 460, 138-142.	1.0	37
16	General Anesthetic Actions on GABAA Receptors. Current Neuropharmacology, 2010, 8, 2-9.	1.4	199
17	GABA Receptors in the Retina. , 2010, , 173-179.		O
18	New Fluoro Derivatives of the Pyrazolo[5,1- <i>c</i>][1,2,4]benzotriazine 5-Oxide System: Evaluation of Fluorine Binding Properties in the Benzodiazepine Site on \hat{I}^3 -Aminobutyrric Acid Type A (GABA _A) Receptor. Design, Synthesis, Biological, and Molecular Modeling Investigation. Journal of Medicinal Chemistry, 2010, 53, 7532-7548.	2.9	23
19	Atypical behavioural effects of lorazepam: Clues to the design of novel therapies?., 2010, 126, 94-108.		11

#	ARTICLE	IF	CITATIONS
20	GABAergic influences on ORX receptor-dependent abnormal motor behaviors and neurodegenerative events in fish. Toxicology and Applied Pharmacology, 2010, 243, 77-86.	1.3	20
21	Distinct alpha subunit variations of the hypothalamic GABAA receptor triplets (alpha, beta, gamma) are linked to hibernating state in hamsters. BMC Neuroscience, 2010, 11, 111.	0.8	9
22	The cell biology of synaptic inhibition in health and disease. Current Opinion in Neurobiology, 2010, 20, 550-556.	2.0	49
23	Influence of $17\hat{l}^2$ -estradiol and progesterone on GABAergic gene expression in the arcuate nucleus, amygdala and hippocampus of the rhesus macaque. Brain Research, 2010, 1307, 28-42.	1.1	32
24	Traumatic brain injury and the effects of diazepam, diltiazem, and MK-801 on GABA-A receptor subunit expression in rat hippocampus. Journal of Biomedical Science, 2010, 17, 38.	2.6	47
25	Highâ€level expression and purification of Cysâ€loop ligandâ€gated ion channels in a tetracyclineâ€inducible stable mammalian cell line: GABA _A and serotonin receptors. Protein Science, 2010, 19, 1728-1738.	3.1	40
26	Orofacial movements in phospholipase Câ€related catalytically inactive proteinâ€1/2 double knockout mice: Effect of the GABAergic agent diazepam and the D ₁ dopamine receptor agonist SKF 83959. Synapse, 2010, 64, 714-720.	0.6	5
27	Valerenic acid derivatives as novel subunitâ€selective GABA _A receptor ligands – <i>in vitro</i> and <i>in vivo</i> characterization. British Journal of Pharmacology, 2010, 161, 65-78.	2.7	41
28	Neonatal exposure to estradiol in rats influences neuroactive steroid concentrations, GABA _A receptor expression, and behavioral sensitivity to anxiolytic drugs. Journal of Neurochemistry, 2010, 113, 1285-1295.	2.1	27
29	Mixed GABA-glycine synapses delineate a specific topography in the nucleus tractus solitarii of adult rat. Journal of Physiology, 2010, 588, 1097-1115.	1.3	35
30	Perinatal development of inhibitory synapses in the nucleus tractus solitarii of the rat. European Journal of Neuroscience, 2010, 32, 538-549.	1.2	23
31	Agonist function of the recombinant $\hat{l}\pm\langle sub\rangle 4\langle sub\rangle \hat{l}^2\langle sub\rangle 3\langle sub\rangle \hat{l}'$ GABA $\langle sub\rangle A\langle sub\rangle$ receptor is dependent on the human and rat variants of the $\hat{l}\pm\langle sub\rangle 4\langle sub\rangle \hat{a}\in subunit$. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 662-669.	0.9	5
32	PRECLINICAL STUDY: Mice lacking Gad2 show altered behavioral effects of ethanol, flurazepam and gabaxadol. Addiction Biology, 2010, 15, 45-61.	1.4	20
33	Mechanism of Allosteric Modulation of the Cys-loop Receptors. Pharmaceuticals, 2010, 3, 2592-2609.	1.7	10
34	GABAA Receptor Channels., 2010,, 257-282.		1
35	An efficient and information-rich biochemical method design for fragment library screening on ion channels. BioTechniques, 2010, 49, 822-829.	0.8	16
36	Probing Pore Constriction in a Ligand-gated Ion Channel by Trapping a Metal Ion in the Pore upon Agonist Dissociation. Journal of Biological Chemistry, 2010, 285, 26519-26531.	1.6	8
37	A Transmembrane Amino Acid in the GABA $<$ sub $>$ A $<$ /sub $>$ Receptor $\hat{l}^2<$ sub $>$ 2 $<$ /sub $>$ Subunit Critical for the Actions of Alcohols and Anesthetics. Journal of Pharmacology and Experimental Therapeutics, 2010, 335, 600-606.	1.3	25

#	ARTICLE	IF	CITATIONS
38	A Residue in Loop 9 of the \hat{I}^2 2-Subunit Stabilizes the Closed State of the GABAA Receptor. Journal of Biological Chemistry, 2010, 285, 7281-7287.	1.6	15
39	A Role of GABA Analogues in the Treatment of Neurological Diseases. Current Medicinal Chemistry, 2010, 17, 2338-2347.	1.2	89
40	\hat{l}^3 -Aminobutyric Acid Type A (GABAA) Receptor Subtype Inverse Agonists as Therapeutic Agents in Cognition. Methods in Enzymology, 2010, 485, 197-211.	0.4	13
41	Fragrant Dioxane Derivatives Identify \hat{l}^21 -Subunit-containing GABAA Receptors. Journal of Biological Chemistry, 2010, 285, 23985-23993.	1.6	42
42	The structural basis of function in Cys-loop receptors. Quarterly Reviews of Biophysics, 2010, 43, 449-499.	2.4	308
43	Role of the central amygdala GABA-A receptors in morphine state-dependent memory. Life Sciences, 2010, 86, 887-893.	2.0	25
44	Fyn kinase contributes to tyrosine phosphorylation of the GABAA receptor \hat{l}^32 subunit. Molecular and Cellular Neurosciences, 2010, 44, 129-134.	1.0	42
45	Functional impact of serial deletions at the C-terminus of the human GABAÏI receptor. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1002-1007.	1.4	14
46	Early developmental alterations in GABAergic protein expression in fragile X knockout mice. Neuropharmacology, 2010, 59, 167-171.	2.0	126
47	Replacement with GABAergic steroid precursors restores the acute ethanol withdrawal profile in adrenalectomy/gonadectomy mice. Neuroscience, 2010, 166, 5-14.	1.1	12
48	New 1,5-benzodiazepine compounds: activity at native GABAA receptors. Neuroscience, 2010, 166, 917-923.	1.1	17
49	Application of bioinformatics algorithms to define the most important protein features contribute to GABA receptors diversity GABA receptors' diversity, bioinformatic applications. , 2010, , .		0
52	Dihydropyrimidinone Positive Modulation of \hat{l} -Subunit-Containing \hat{l} -Aminobutyric Acid Type A Receptors, Including an Epilepsy-Linked Mutant Variant. Biochemistry, 2010, 49, 4841-4851.	1.2	64
53	Gramicidin Perforated Patch. , 2010, , 141-147.		1
54	Neurotransmitter Receptors in the Basal Ganglia. Handbook of Behavioral Neuroscience, 2010, , 75-96.	0.7	4
55	Succinic Semialdehyde Dehydrogenase: Biochemical–Molecular–Clinical Disease Mechanisms, Redox Regulation, and Functional Significance. Antioxidants and Redox Signaling, 2011, 15, 691-718.	2.5	68
56	The role of nucleus accumbens shell GABA receptors on ventral tegmental area intracranial self-stimulation and a potential role for the 5-HT _{2C} receptor. Journal of Psychopharmacology, 2011, 25, 1661-1675.	2.0	14
57	Regulation of Orofacial Movement: Amino Acid Mechanisms and Mutant Models. International Review of Neurobiology, 2011, 97, 61-75.	0.9	6

#	ARTICLE	IF	CITATIONS
58	Identification and Characterization of GABAAReceptor Modulatory Diterpenes fromBiota orientalisThat Decrease Locomotor Activity in Mice. Journal of Natural Products, 2011, 74, 1764-1772.	1.5	29
59	Lower anxiety and a decrease in agonistic behaviour in Lsamp-deficient mice. Behavioural Brain Research, 2011, 217, 21-31.	1.2	34
60	GABAA receptors in the posterior, but not anterior, ventral tegmental area mediate Ro15-4513-induced attenuation of binge-like ethanol consumption in C57BL/6J female mice. Behavioural Brain Research, 2011, 220, 230-237.	1,2	29
61	Beyond classical benzodiazepines: novel therapeutic potential of GABAA receptor subtypes. Nature Reviews Drug Discovery, 2011, 10, 685-697.	21.5	579
62	1,4-Dihydropyridine Scaffold in Medicinal Chemistry, The Story so Far And Perspectives (Part 1): Action in Ion Channels and GPCRs. Current Medicinal Chemistry, 2011, 18, 4901-4922.	1.2	86
63	Distinct α GABAAR subunits influence structural and transcriptional properties of CA1 hippocampal neurons. Neuroscience Letters, 2011, 496, 106-110.	1.0	3
64	Perinatal exposure to environmental polychlorinated biphenyls sensitizes hippocampus to excitotoxicity ex vivo. NeuroToxicology, 2011, 32, 981-985.	1.4	15
65	Involvement of dorsal hippocampal muscarinic cholinergic receptors on muscimol state-dependent memory of passive avoidance in mice. Life Sciences, 2011, 88, 1136-1141.	2.0	30
66	3D structure and allosteric modulation of the transmembrane domain of pentameric ligand-gated ion channels. Neuropharmacology, 2011, 60, 116-125.	2.0	66
67	Rapid brain-derived neurotrophic factor-dependent sequestration of amygdala and hippocampal GABAA receptors via different tyrosine receptor kinase B-mediated phosphorylation pathways. Neuroscience, 2011, 176, 72-85.	1.1	30
68	Altered GABA transmission in a mouse model of increased trait anxiety. Neuroscience, 2011, 183, 71-80.	1.1	71
69	Positive GABA _A Receptor Modulators from <i>Acorus calamus</i> and Structural Analysis of (+)-Dioxosarcoguaiacol by 1D and 2D NMR and Molecular Modeling. Journal of Natural Products, 2011, 74, 1437-1443.	1.5	31
70	GABAergic Dysfunction in Autism and Epilepsy. , 0, , .		3
71	Understanding the Molecular Diversity of GABAergic Synapses. Frontiers in Cellular Neuroscience, 2011, 5, 4.	1.8	31
72	GABAA Receptors: Post-Synaptic Co-Localization and Cross-Talk with Other Receptors. Frontiers in Cellular Neuroscience, 2011, 5, 7.	1.8	47
73	Subunit Compensation and Plasticity of Synaptic GABAA Receptors Induced by Ethanol in ?4 Subunit Knockout Mice. Frontiers in Neuroscience, 2011, 5, 110.	1.4	26
74	Clinical and Molecular Pharmacology of Etomidate. Anesthesiology, 2011, 114, 695-707.	1.3	238
75	Decreased GABA _A Receptor Binding in the Medullary Serotonergic System in the Sudden Infant Death Syndrome. Journal of Neuropathology and Experimental Neurology, 2011, 70, 799-810.	0.9	36

#	ARTICLE	IF	Citations
76	Novel $\hat{l}\pm 1$ and \hat{l}^32 GABA $<$ sub $>$ A $<$ /sub $>$ receptor subunit mutations in families with idiopathic generalized epilepsy. European Journal of Neuroscience, 2011, 34, 237-249.	1.2	98
77	Assembly of nicotinic and other Cysâ€loop receptors. Journal of Neurochemistry, 2011, 116, 734-741.	2.1	53
78	Implications for treatment: GABAA receptors in aging, Down syndrome and Alzheimer's disease. Journal of Neurochemistry, 2011, 117, no-no.	2.1	137
79	Acquisition of neuronâ€like electrophysiological properties in neuroblastoma cells by controlled expression of NDM29 ncRNA. Journal of Neurochemistry, 2011, 119, 989-1001.	2.1	28
80	Retrochalcone derivatives are positive allosteric modulators at synaptic and extrasynaptic GABA _A receptors <i>iin vitro</i>). British Journal of Pharmacology, 2011, 162, 1326-1339.	2.7	11
81	Flavonoid modulation of GABA _A receptors. British Journal of Pharmacology, 2011, 163, 234-245.	2.7	192
82	Guide to Receptors and Channels (GRAC), 5th edition. British Journal of Pharmacology, 2011, 164, S1-324.	2.7	827
83	Consultants. British Journal of Pharmacology, 2011, 164, S3-S3.	2.7	10
84	G PROTEINâ€COUPLED RECEPTORS. British Journal of Pharmacology, 2011, 164, S5.	2.7	16
85	LIGANDâ€GATED ION CHANNELS. British Journal of Pharmacology, 2011, 164, S115.	2.7	13
86	ION CHANNELS. British Journal of Pharmacology, 2011, 164, S137.	2.7	22
87	NUCLEAR RECEPTORS. British Journal of Pharmacology, 2011, 164, S175-S188.	2.7	0
88	CATALYTIC RECEPTORS. British Journal of Pharmacology, 2011, 164, S189-S212.	2.7	1
89	TRANSPORTERS. British Journal of Pharmacology, 2011, 164, S213.	2.7	2
91	Feeding behaviors and ORXR–β-GABAAR subunit interactions in Carassius auratus. Neurotoxicology and Teratology, 2011, 33, 641-650.	1.2	32
92	Insights into structure–activity relationship of GABAA receptor modulating coumarins and furanocoumarins. European Journal of Pharmacology, 2011, 668, 57-64.	1.7	43
93	HPLC-based activity profiling of Angelica pubescens roots for new positive GABAA receptor modulators in Xenopus oocytes. FA¬toterapA¬A¢, 2011, 82, 434-440.	1.1	68
94	Development of ligands at \hat{I}^3 -aminobutyrric acid type A (GABAA) receptor subtype as new agents for pain relief. Bioorganic and Medicinal Chemistry, 2011, 19, 7441-7452.	1.4	18

#	Article	IF	CITATIONS
95	Involvement of basolateral amygdala GABAA receptors in the effect of dexamethasone on memory in rats. Journal of Zhejiang University: Science B, 2011, 12, 900-908.	1.3	3
96	Identification and characterization of anesthetic targets by mouse molecular genetics approaches. Canadian Journal of Anaesthesia, 2011, 58, 178-190.	0.7	18
97	Inhibition de l'apprentissage et de la mémoire par les anesthésiques généraux. Canadian Journal of Anaesthesia, 2011, 58, 167-177.	0.7	48
98	Lungfish aestivating activities are locked in distinct encephalic \hat{l}^3 -aminobutyric acid type A receptor \hat{l}^{\pm} subunits. Journal of Neuroscience Research, 2011, 89, 418-428.	1.3	8
99	Astrocytes are GABAergic cells that modulate microglial activity. Glia, 2011, 59, 152-165.	2.5	261
100	Triazoloquinazolinediones as novel high affinity ligands for the benzodiazepine site of GABAA receptors. Bioorganic and Medicinal Chemistry, 2011, 19, 111-121.	1.4	16
101	Use of multicomponent reactions in developing small-molecule tools to study GABAAreceptor mechanism and function. Future Medicinal Chemistry, 2011, 3, 243-250.	1.1	4
102	Editing of Neurotransmitter Receptor and Ion Channel RNAs in the Nervous System. Current Topics in Microbiology and Immunology, 2011, 353, 61-90.	0.7	59
103	Lamina-Specific Alterations in Cortical GABAA Receptor Subunit Expression in Schizophrenia. Cerebral Cortex, 2011, 21, 999-1011.	1.6	115
104	Potentiating Action of Propofol at GABA _A Receptors of Retinal Bipolar Cells. , 2011, 52, 2497.		9
105	2-Aminoethyl Methylphosphonate, a Potent and Rapidly Acting Antagonist of GABA _A -il Receptors. Molecular Pharmacology, 2011, 80, 965-978.	1.0	6
106	Neurosteroids and GABAA Receptor Interactions: A Focus on Stress. Frontiers in Neuroscience, 2011, 5, 131.	1.4	98
107	GABA Neuron Alterations, Cortical Circuit Dysfunction and Cognitive Deficits in Schizophrenia. Neural Plasticity, 2011, 2011, 1-24.	1.0	193
108	Profound Desensitization by Ambient GABA Limits Activation of Î'-Containing GABA _A Receptors during Spillover. Journal of Neuroscience, 2011, 31, 753-763.	1.7	87
109	Regulation of GABAA Receptor Dynamics by Interaction with Purinergic P2X2 Receptors. Journal of Biological Chemistry, 2011, 286, 14455-14468.	1.6	31
110	Molecular Dissection of Clâ^selective Cys-loop Receptor Points to Components That Are Dispensable or Essential for Channel Activity. Journal of Biological Chemistry, 2011, 286, 43830-43841.	1.6	16
111	Extrasynaptic \hat{l} -containing GABA $<$ sub $>$ A $<$ /sub $>$ receptors in the nucleus accumbens dorsomedial shell contribute to alcohol intake. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4459-4464.	3.3	80
112	The involvement of noradrenergic mechanisms in the suppressive effects of diazepam on the hypothalamic-pituitary-adrenal axis activity in female rats. Croatian Medical Journal, 2012, 53, 214-223.	0.2	3

#	ARTICLE	IF	CITATIONS
113	Novel Therapeutic Strategies for Alcohol and Drug Addiction: Focus on GABA, Ion Channels and Transcranial Magnetic Stimulation. Neuropsychopharmacology, 2012, 37, 163-177.	2.8	74
114	Targeting the restricted α-subunit repertoire of airway smooth muscle GABA _A receptors augments airway smooth muscle relaxation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L248-L256.	1.3	58
115	GABA _A Receptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith of <i>Juncus effusus</i> Receptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith of <i>Juncus effusus</i> Receptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith of <i>Juncus effusus</i> Receptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith of <i>Juncus effusus</i> Receptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith of <i>Juncus effusus</i> Receptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith of <i>Juncus effusus</i> Receptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith of <i>Juncus effusus</i> Receptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith ofReceptor Modulators from the Chinese Herbal Drug Junci Medulla	0.7	21
116	HPLC-based Activity Profiling - Discovery of Sanggenons as GABA _A Receptor Modulators in the Traditional Chinese Drug Sang bai pi (<i>Morus alba</i> Root Bark). Planta Medica, 2012, 78, 440-447.	0.7	24
117	GABAergic Inhibition of Histaminergic Neurons Regulates Active Waking But Not the Sleep–Wake Switch or Propofol-Induced Loss of Consciousness. Journal of Neuroscience, 2012, 32, 13062-13075.	1.7	89
118	Brain Excitatory/Inhibitory Circuits Cross-Talking with Chromogranin A During Hypertensive and Hibernating States. Current Medicinal Chemistry, 2012, 19, 4093-4114.	1.2	4
119	Differentiation of Human Neural Progenitor Cells in Functionalized Hydrogel Matrices. BioResearch Open Access, 2012, 1, 16-24.	2.6	22
120	Activity-dependent phosphorylation of GABA _A receptors regulates receptor insertion and tonic current. EMBO Journal, 2012, 31, 2937-2951.	3.5	85
121	Distinct Properties of Glycine Receptor $\hat{l}^2+\hat{l}\pm\hat{a}^2$ Interface. Journal of Biological Chemistry, 2012, 287, 21244-21252.	1.6	6
122	GABA Is an Effective Immunomodulatory Molecule in the Brain and in the Periphery., 2012,, 163-173.		0
123	Perisynaptic GABA Receptors: The Overzealous Protector. Advances in Pharmacological Sciences, 2012, 2012, 1-8.	3.7	20
124	Î ³ -Aminobutyric Acid Type A (GABAA) Receptor α Subunits Play a Direct Role in Synaptic Versus Extrasynaptic Targeting. Journal of Biological Chemistry, 2012, 287, 27417-27430.	1.6	54
125	Deep Amino Acid Sequencing of Native Brain GABAA Receptors Using High-Resolution Mass Spectrometry. Molecular and Cellular Proteomics, 2012, 11, M111.011445.	2.5	135
126	Robust photoregulation of GABAA receptors by allosteric modulation with a propofol analogue. Nature Communications, 2012, 3, 1095.	5. 8	53
127	Modulation of Recombinant GABA _A Receptors by Neurosteroid Dehydroepiandrosterone Sulfate. Pharmacology, 2012, 89, 163-171.	0.9	14
128	Modulation of Vigilance in the Primary Hypersomnias by Endogenous Enhancement of GABA _A Receptors. Science Translational Medicine, 2012, 4, 161ra151.	5.8	142
129	Fast Synaptic Inhibition in Spinal Sensory Processing and Pain Control. Physiological Reviews, 2012, 92, 193-235.	13.1	312
130	Receptor targets of amacrine cells. Visual Neuroscience, 2012, 29, 11-29.	0.5	43

#	Article	IF	CITATIONS
131	Gating-induced Conformational Rearrangement of the \hat{I}^3 -Aminobutyric Acid Type A Receptor \hat{I}^2 - \hat{I}_\pm Subunit Interface in the Membrane-spanning Domain. Journal of Biological Chemistry, 2012, 287, 27762-27770.	1.6	17
132	Extrasynaptic GABAA Receptors: Their Function in the CNS and Implications for Disease. Neuron, 2012, 73, 23-34.	3.8	568
133	Anxiety and depression: Mouse genetics and pharmacological approaches to the role of GABAA receptor subtypes. Neuropharmacology, 2012, 62, 54-62.	2.0	93
134	The GABA system in anxiety and depression and its therapeutic potential. Neuropharmacology, 2012, 62, 42-53.	2.0	453
135	Benzodiazepine-induced anxiolysis and reduction of conditioned fear are mediated by distinct GABAA receptor subtypes in mice. Neuropharmacology, 2012, 63, 250-258.	2.0	77
136	Cortical parvalbumin interneurons and cognitive dysfunction in schizophrenia. Trends in Neurosciences, 2012, 35, 57-67.	4.2	892
137	A novel GABA _A receptor pharmacology: drugs interacting with the l̂± ⁺ l̂² ^{â€} interface. British Journal of Pharmacology, 2012, 166, 476-485.	2.7	75
138	Ligand-Gated Ion Channels: New Insights into Neurological Disorders and Ligand Recognition. Chemical Reviews, 2012, 112, 6285-6318.	23.0	133
139	Amygdalar excitatory/inhibitory circuits interacting with orexinergic neurons influence differentially feeding behaviors in hamsters. Behavioural Brain Research, 2012, 234, 91-99.	1.2	12
140	Induction of excitatory and inhibitory presynaptic differentiation by GluD1. Biochemical and Biophysical Research Communications, 2012, 417, 157-161.	1.0	51
141	Differential effect of transient global ischaemia on the levels of γâ€aminobutyric acid type A (GABA _A) receptor subunit mRNAs in young and older rats. Neuropathology and Applied Neurobiology, 2012, 38, 710-722.	1.8	6
143	6.6 Structures and Mechanisms in Chloride Channels. , 2012, , 142-176.		1
144	3-Arylisothiazoloquinols As Potent Ligands for the Benzodiazepine Site of GABA _A Receptors. Journal of Biomedical Science and Engineering, 2012, 05, 1-9.	0.2	1
145	α GABAA subunit-orexin receptor interactions activate learning/motivational pathways in the goldfish. Behavioural Brain Research, 2012, 234, 349-356.	1.2	23
146	Mixed antagonistic effects of the ginkgolides at recombinant human $\ddot{\mathbf{I}}$ GABAC receptors. Neuropharmacology, 2012, 63, 1127-1139.	2.0	12
147	Zolpidem for insomnia. Expert Opinion on Pharmacotherapy, 2012, 13, 879-893.	0.9	258
148	Ligand-Gated Ion Channels. , 2012, , 549-562.		5
149	Nerve-Driven Immunity. , 2012, , .		18

#	Article	IF	Citations
150	The Biochemical Anatomy of Cortical Inhibitory Synapses. PLoS ONE, 2012, 7, e39572.	1.1	50
151	Different Subtypes of GABA-A Receptors Are Expressed in Human, Mouse and Rat T Lymphocytes. PLoS ONE, 2012, 7, e42959.	1.1	84
152	Flavonoids as GABAA receptor ligands: the whole story?. Journal of Experimental Pharmacology, 2012, 4, 9.	1.5	65
154	Ethanol Activation of Protein Kinase A Regulates GABAA Receptor Subunit Expression in the Cerebral Cortex and Contributes to Ethanol-Induced Hypnosis. Frontiers in Neuroscience, 2012, 6, 44.	1.4	30
155	The discovery and development of drugs to treat psychiatric disorders: Historical perspective. , 0, , $1-13$.		0
156	Different neuroprotection and therapeutic time windows by two specific diazepam regimens on retinal ganglion cells after optic nerve transection in adult rats. Restorative Neurology and Neuroscience, 2012, 30, 335-343.	0.4	1
157	Histamine neurons in the tuberomamillary nucleus: a whole center or distinct subpopulations?. Frontiers in Systems Neuroscience, 2012, 6, 33.	1.2	94
158	GABA _A receptor modulation by the volatile fractions of <i>Sideritis</i> species used as â€~Greek' or â€~Turkish' mountain tea. Flavour and Fragrance Journal, 2012, 27, 297-303.	1.2	18
159	Expression of Functional \hat{l}^3 -Aminobutyric Acid Type A Receptors in Schwann-Like Adult Stem Cells. Journal of Molecular Neuroscience, 2012, 47, 619-630.	1.1	25
160	2′â€Methoxyâ€6â€methylflavone: a novel anxiolytic and sedative with subtype selective activating and modulating actions at GABA _A receptors. British Journal of Pharmacology, 2012, 165, 880-896.	2.7	44
161	Autoradiographic evidence for the transmeningeal diffusion of muscimol into the neocortex in rats. Brain Research, 2012, 1441, 1-8.	1.1	9
162	Knockout of the \hat{I}^3 -aminobutyric acid receptor subunit $\hat{I}\pm 4$ reduces functional \hat{I} -containing extrasynaptic receptors in hippocampal pyramidal cells at the onset of puberty. Brain Research, 2012, 1450, 11-23.	1.1	28
163	Regulation of the surface expression of $\hat{l}\pm4\hat{l}^22\hat{l}'$ GABAA receptors by high efficacy states. Brain Research, 2012, 1463, 1-20.	1.1	27
165	New insights into the structural bases of activation of Cys-loop receptors. Journal of Physiology (Paris), 2012, 106, 23-33.	2.1	37
166	GABAA receptor modulators from Chinese herbal medicines traditionally applied against insomnia and anxiety. Phytomedicine, 2012, 19, 334-340.	2.3	26
167	The effect of pentobarbital sodium and propofol anesthesia on multifocal electroretinograms in rhesus macaques. Documenta Ophthalmologica, 2012, 124, 59-72.	1.0	8
168	Drug-induced sleep: theoretical and practical considerations. Pflugers Archiv European Journal of Physiology, 2012, 463, 177-186.	1.3	6
169	lon channels and schizophrenia: a gene set-based analytic approach to GWAS data for biological hypothesis testing. Human Genetics, 2012, 131, 373-391.	1.8	33

#	Article	IF	CITATIONS
170	Expression of gamma-aminobutyric acid receptors on neoplastic growth and prediction of prognosis in non-small cell lung cancer. Journal of Translational Medicine, 2013, 11, 102.	1.8	63
171	Effects of the benzodiazepine GABAA α1-preferring ligand, 3-propoxy-β-carboline hydrochloride (3-PBC), on alcohol seeking and self-administration in baboons. Psychopharmacology, 2013, 227, 127-136.	1.5	15
172	Determination of GABAAÎ ± 1 and GABAB1 receptor subunits expression in tissues of gilts during the late gestation. Molecular Biology Reports, 2013, 40, 1377-1384.	1.0	3
173	The Effect of Folic Acid on GABAA-B 1 Receptor Subunit. Advances in Experimental Medicine and Biology, 2013, 775, 101-109.	0.8	12
174	Expression of the Â2-Subunit Distinguishes Synaptic and Extrasynaptic GABAA Receptors in NG2 Cells of the Hippocampus. Journal of Neuroscience, 2013, 33, 12030-12040.	1.7	43
175	Structural features of GABAA receptor antagonists: pharmacophore modeling and 3D-QSAR studies. Medicinal Chemistry Research, 2013, 22, 5961-5972.	1.1	2
176	GABA and Synaptic Transmission in the Cerebellum. , 2013, , 881-893.		4
177	Quantum Dot Conjugates of GABA and Muscimol: Binding to α1β2γ2 and ϶ GABAA Receptors. ACS Chemical Neuroscience, 2013, 4, 435-443.	1.7	11
178	ISPMD consensus on the management of premenstrual disorders. Archives of Women's Mental Health, 2013, 16, 279-291.	1.2	162
179	GABAA receptor membrane insertion rates are specified by their subunit composition. Molecular and Cellular Neurosciences, 2013, 56, 201-211.	1.0	7
180	Lead-induced neurodegenerative events and abnormal behaviors occur via ORXRergic/GABAARergic mechanisms in a marine teleost. Aquatic Toxicology, 2013, 126, 231-241.	1.9	19
181	Expression variations of chromogranin A and $\hat{l}\pm1,2,4$ GABAARs in discrete limbic and brainstem areas rescue cardiovascular alterations. Neuroscience Research, 2013, 77, 8-15.	1.0	6
182	Restoring ionotropic inhibition as an analgesic strategy. Neuroscience Letters, 2013, 557, 43-51.	1.0	38
183	Monocyte Chemoattractant Protein-1 upregulates GABA-induced current: Evidence of modified GABAA subunit composition in cortical neurons from the G93A mouse model of Amyotrophic Lateral Sclerosis. Neuropharmacology, 2013, 73, 247-260.	2.0	10
184	Gephyrin plays a key role in BDNF-dependent regulation of amygdala surface GABAARs. Neuroscience, 2013, 255, 33-44.	1.1	17
185	GABAA receptors implicated in REM sleep control express a benzodiazepine binding site. Brain Research, 2013, 1527, 131-140.	1.1	5
186	Neurosteroid interactions with synaptic and extrasynaptic GABAA receptors: regulation of subunit plasticity, phasic and tonic inhibition, and neuronal network excitability. Psychopharmacology, 2013, 230, 151-188.	1.5	199
187	Benzodiazepine receptor ligands: a patent review (2006 – 2012). Expert Opinion on Therapeutic Patents, 2013, 23, 843-866.	2.4	9

#	Article	IF	CITATIONS
188	Neurosteroids, stress and depression: Potential therapeutic opportunities. Neuroscience and Biobehavioral Reviews, 2013, 37, 109-122.	2.9	158
189	Cysteine-terminated B-domain of Staphylococcus aureus protein A as a scaffold for targeting GABAA receptors. Analytical Biochemistry, 2013, 432, 49-57.	1.1	3
190	Myo-Inositol Treatment and GABA-A Receptor Subunit Changes After Kainate-Induced Status Epilepticus. Cellular and Molecular Neurobiology, 2013, 33, 119-127.	1.7	11
191	Alterations in <scp>P</scp> urkinje cell <scp>GABA_A</scp> receptor pharmacology following oxygen and glucose deprivation and cerebral ischemia reveal novel contribution of β ₁ â€subunitâ€containing receptors. European Journal of Neuroscience, 2013, 37, 555-563.	1.2	13
192	Investigation into mechanisms mediating the inhibitory effect of 1,4-benzodiazepines on mast cells by gene expression profiling. Life Sciences, 2013, 92, 345-351.	2.0	6
193	The role of behavior in translational models for psychopathology: Functionality and dysfunctional behaviors. Neuroscience and Biobehavioral Reviews, 2013, 37, 1567-1577.	2.9	46
194	Modulation of muscimol state-dependent memory by $\hat{l}\pm 2$ -adrenoceptors of the dorsal hippocampal area. European Journal of Pharmacology, 2013, 710, 92-99.	1.7	20
195	The influence of stress at puberty on mood and learning: Role of the α4βδGABAA receptor. Neuroscience, 2013, 249, 192-213.	1.1	34
196	A stress steroid triggers anxiety via increased expression of $\hat{l}\pm4\hat{l}^2\hat{l}$ GABAA receptors in methamphetamine dependence. Neuroscience, 2013, 254, 452-475.	1.1	19
197	Modulation of native GABAA receptor activity by triazolo 1,5-benzodiazepines. Neuroscience, 2013, 243, 158-164.	1.1	8
198	Age-related GABAA receptor changes in rat auditory cortex. Neurobiology of Aging, 2013, 34, 1486-1496.	1.5	68
199	GABAergic transmission in temporal lobe epilepsy: The role of neurosteroids. Experimental Neurology, 2013, 244, 36-42.	2.0	29
200	Advantages of an antagonist: bicuculline and other <scp>GABA</scp> antagonists. British Journal of Pharmacology, 2013, 169, 328-336.	2.7	127
201	Synthesis of novel cognition enhancers with pyrazolo[5,1- c][1,2,4]benzotriazine core acting at \hat{I}^3 -aminobutyric acid type A (GABA A) receptor. Bioorganic and Medicinal Chemistry, 2013, 21, 2186-2198.	1.4	26
202	GABA is an effective immunomodulatory molecule. Amino Acids, 2013, 45, 87-94.	1.2	217
203	GABAergic transmission in hepatic encephalopathy. Archives of Biochemistry and Biophysics, 2013, 536, 122-130.	1.4	29
204	Modulation of diazepam-insensitive GABAA receptors by micromolar concentrations of thyroxine and related compounds in vitro. Brain Research, 2013, 1490, 1-8.	1.1	1
205	Formaldehyde in brain: an overlooked player in neurodegeneration?. Journal of Neurochemistry, 2013, 127, 7-21.	2.1	176

#	Article	IF	Citations
206	GABAA Receptors of Cerebellar Granule Cells in Culture: Interaction with Benzodiazepines. Neurochemical Research, 2013, 38, 2453-2462.	1.6	6
207	TNF-α Downregulates Inhibitory Neurotransmission through Protein Phosphatase 1-Dependent Trafficking of GABA _A Receptors. Journal of Neuroscience, 2013, 33, 15879-15893.	1.7	177
208	Molecular and Functional Changes in Receptors. , 2013, , 219-230.		3
209	Molecular Cloning and Characterization of Novel Glutamate-Gated Chloride Channel Subunits from Schistosoma mansoni. PLoS Pathogens, 2013, 9, e1003586.	2.1	32
210	SB-205384 Is a Positive Allosteric Modulator of Recombinant GABA _A Receptors Containing Rat $\langle i \rangle \hat{l} \pm \langle i \rangle 5$, or $\langle i \rangle \hat{l} \pm \langle i \rangle 6$ Subunit Subtypes Coexpressed with $\langle i \rangle \hat{l}^2 \langle i \rangle 3$ and $\langle i \rangle \hat{l}^3 \langle i \rangle 2$ Subunits. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 235-241.	1.3	7
211	Respiratory and behavioral dysfunction following loss of the <scp>GABA</scp> _A receptor α4 subunit. Brain and Behavior, 2013, 3, 104-113.	1.0	12
212	Tonic inhibition sets the state of excitability in olfactory bulb granule cells. Journal of Physiology, 2013, 591, 1841-1850.	1.3	32
213	The orthosteric <scp>GABA_A</scp> receptor ligand <scp>T</scp> hioâ€4â€ <scp>PIOL</scp> displays distinctly different functional properties at synaptic and extrasynaptic receptors. British Journal of Pharmacology, 2013, 170, 919-932.	2.7	14
214	The Concise Guide to <scp>PHARMACOLOGY</scp> 2013/14: Ligandâ€Gated Ion Channels. British Journal of Pharmacology, 2013, 170, 1582-1606.	2.7	115
215	New GABA amides activating GABAA-receptors. Beilstein Journal of Organic Chemistry, 2013, 9, 406-410.	1.3	1
216	Large Scale Expression Changes of Genes Related to Neuronal Signaling and Developmental Processes Found in Lateral Septum of Postpartum Outbred Mice. PLoS ONE, 2013, 8, e63824.	1.1	27
217	In Intact Islets Interstitial GABA Activates GABAA Receptors That Generate Tonic Currents in α-Cells. PLoS ONE, 2013, 8, e67228.	1.1	25
218	GABAergic dysfunction in pediatric neuro-developmental disorders. Frontiers in Cellular Neuroscience, 2013, 7, 269.	1.8	19
219	Comparing development of synaptic proteins in rat visual, somatosensory, and frontal cortex. Frontiers in Neural Circuits, 2013, 7, 97.	1.4	34
220	$\hat{l}\pm4\hat{l}^2\hat{l}$ GABAA receptors and tonic inhibitory current during adolescence: effects on mood and synaptic plasticity. Frontiers in Neural Circuits, 2013, 7, 135.	1.4	29
221	Modulation of human corticospinal excitability by paired associative stimulation. Frontiers in Human Neuroscience, 2013, 7, 823.	1.0	132
222	Synthesis of 1,3-di- and 1,3,4-trisubstituted 1,6-dihydro-6-iminopyridazines as competitive antagonists of insect GABA receptors. Journal of Pesticide Sciences, 2014, 39, 133-143.	0.8	15
223	Valerian Inhibits Rat Hepatocarcinogenesis by Activating GABA(A) Receptor-Mediated Signaling. PLoS ONE, 2014, 9, e113610.	1,1	11

#	Article	IF	CITATIONS
224	Integration and regulation of glomerular inhibition in the cerebellar granular layer circuit. Frontiers in Cellular Neuroscience, 2014, 8, 55.	1.8	40
225	CXCL12 chemokine and GABA neurotransmitter systems crosstalk and their putative roles. Frontiers in Cellular Neuroscience, 2014, 5, 115.	1.8	24
226	GABA-A and NMDA receptor subunit mRNA expression is altered in the caudate but not the putamen of the postmortem brains of alcoholics. Frontiers in Cellular Neuroscience, 2014, 8, 415.	1.8	21
227	The heterogeneity in GABAA receptor-mediated IPSC kinetics reflects heterogeneity of subunit composition among inhibitory and excitatory interneurons in spinal lamina II. Frontiers in Cellular Neuroscience, 2014, 8, 424.	1.8	28
228	GABAA Receptor Channels; Properties and Regulation. , 2014, , 375-382.		1
229	Effects of novel meta-diamide insecticides on GABA type A receptors $\hat{l}\pm1\hat{l}^22\hat{l}^32$ and $\hat{l}\pm1\hat{l}^23\hat{l}^32$ and on glycine receptor $\hat{l}\pm1\hat{l}^2$. Journal of Pesticide Sciences, 2014, 39, 144-151.	0.8	13
230	Herbal Insomnia Medications that Target GABAergic Systems: A Review of the Psychopharmacological Evidence. Current Neuropharmacology, 2014, 12, 289-302.	1.4	68
231	Neonatal finasteride administration alters hippocampal $\hat{l}\pm 4$ and \hat{l} GABAAR subunits expression and behavioural responses to progesterone in adult rats. International Journal of Neuropsychopharmacology, 2014, 17, 259-273.	1.0	17
232	GABAA receptor drugs and neuronal plasticity in reward and aversion: focus on the ventral tegmental area. Frontiers in Pharmacology, 2014, 5, 256.	1.6	23
233	lonotropic GABA and glycine receptor subunit composition in human pluripotent stem cellâ€derived excitatory cortical neurones. Journal of Physiology, 2014, 592, 4353-4363.	1.3	14
234	Human α1β3γ2L gammaâ€aminobutyric acid type A receptors: Highâ€level production and purification in a functional state. Protein Science, 2014, 23, 157-166.	3.1	30
235	Brain γâ€aminobutyric acid: a neglected role in impulsivity. European Journal of Neuroscience, 2014, 39, 1921-1932.	1.2	52
236	Dietary Acetylenic Oxylipin Falcarinol Differentially Modulates GABA _A Receptors. Journal of Natural Products, 2014, 77, 2671-2677.	1.5	31
237	Allosteric regulation of pentameric ligand-gated ion channels: An emerging mechanistic perspective. Channels, 2014, 8, 350-360.	1.5	31
238	Extrasynaptic GABAA Receptors and Alcohol. , 2014, , 251-265.		0
239	Peptide regulation of specific ligand-receptor interactions of GABA with the plasma membranes of nerve cells. Neurochemical Journal, 2014, 8, 259-264.	0.2	8
240	Distinct anxiogenic/anxiolytic effects exerted by the hamster lateral amygdalar nucleus injected with ORX-A or ORX-B in the presence of a GABAergic agonist. NeuroReport, 2014, 25, 932-937.	0.6	6
241	Involvement of the CA1 GABAA receptors in MK-801-induced anxiolytic-like effects. Behavioural Pharmacology, 2014, 25, 197-205.	0.8	28

#	Article	IF	CITATIONS
242	Effect of sedative-hypnotics, anesthetics and analgesics on sleep architecture in obstructive sleep apnea. Expert Review of Clinical Pharmacology, 2014, 7, 787-806.	1.3	13
243	Could $\hat{l}\pm 5$ -GABA-A receptor activation be used as a target for managing medulloblastomas?. CNS Oncology, 2014, 3, 245-247.	1.2	3
244	$\langle i \rangle \hat{i}^* \langle i \rangle$ -aminobutyric acid receptors affect the progression and migration of tumor cells. Journal of Receptor and Signal Transduction Research, 2014, 34, 431-439.	1.3	15
245	Multifunctional aspects of allopregnanolone in stress and related disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 48, 64-78.	2.5	67
246	GHB receptor targets in the CNS: Focus on high-affinity binding sites. Biochemical Pharmacology, 2014, 87, 220-228.	2.0	91
247	Antihypertensive and neuroprotective effects of catestatin in spontaneously hypertensive rats: Interaction with GABAergic transmission in amygdala and brainstem. Neuroscience, 2014, 270, 48-57.	1.1	29
248	GABAergic contributions to alcohol responsivity during adolescence: Insights from preclinical and clinical studies., 2014, 143, 197-216.		19
249	Co-expression of \hat{I}^3 2 Subunits Hinders Processing of N-Linked Glycans Attached to the N104 Glycosylation Sites of GABAA Receptor \hat{I}^2 2 Subunits. Neurochemical Research, 2014, 39, 1088-1103.	1.6	7
250	$\hat{l}\pm 5$ -GABAA receptors negatively regulate MYC-amplified medulloblastoma growth. Acta Neuropathologica, 2014, 127, 593-603.	3.9	39
251	Excitatory/inhibitory equilibrium of the central amygdala nucleus gates anti-depressive and anxiolytic states in the hamster. Pharmacology Biochemistry and Behavior, 2014, 118, 79-86.	1.3	14
252	Regulating hippocampal hyperexcitability through <scp>GABAB</scp> Receptors. Physiological Reports, 2014, 2, e00278.	0.7	11
253	Acute and chronic effects of ethanol on learning-related synaptic plasticity. Alcohol, 2014, 48, 1-17.	0.8	135
254	The novel isoxazoline ectoparasiticide fluralaner: Selective inhibition of arthropod \hat{I}^3 -aminobutyric acid- and l-glutamate-gated chloride channels and insecticidal/acaricidal activity. Insect Biochemistry and Molecular Biology, 2014, 45, 111-124.	1.2	222
255	The general anaesthetic etomidate inhibits the excitability of mouse thalamocortical relay neurons by modulating multiple modes of <scp>GABA</scp> receptorâ€mediated inhibition. European Journal of Neuroscience, 2014, 40, 2487-2501.	1.2	16
256	Genetics of Opiate Addiction. Current Psychiatry Reports, 2014, 16, 504.	2.1	42
257	Benzodiazepine modulation of homomeric GABAAϹ receptors: Differential effects of diazepam and 4′-chlorodiazepam. European Journal of Pharmacology, 2014, 743, 24-30.	1.7	4
258	Molecular and Functional Diversity of GABA-A Receptors in the Enteric Nervous System of the Mouse Colon. Journal of Neuroscience, 2014, 34, 10361-10378.	1.7	58
259	A Cycloartane Glycoside Derived from Actaea racemosa L. Modulates GABAA Receptors and Induces Pronounced Sedation in Mice. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 234-242.	1.3	8

#	Article	IF	CITATIONS
260	Discovery of novel insomnia leads from screening traditional Chinese medicine database. Journal of Biomolecular Structure and Dynamics, 2014, 32, 776-791.	2.0	20
261	Development of dendritic tonic GABAergic inhibition regulates excitability and plasticity in CA1 pyramidal neurons. Journal of Neurophysiology, 2014, 112, 287-299.	0.9	46
262	Alcohol use disorders and current pharmacological therapies: the role of GABAA receptors. Acta Pharmacologica Sinica, 2014, 35, 981-993.	2.8	100
263	Amino acids – A life between metabolism and signaling. Plant Science, 2014, 229, 225-237.	1.7	168
264	Interaction of metal ions with neurotransmitter receptors and potential role in neurodiseases. BioMetals, 2014, 27, 1097-1113.	1.8	57
265	Discriminative stimulus effects of pregnanolone in rhesus monkeys. Psychopharmacology, 2014, 231, 181-190.	1.5	5
266	Molecular and behavioral characterization of adolescent protein kinase C following high dose ethanol exposure. Psychopharmacology, 2014, 231, 1809-1820.	1.5	19
267	Characterization of neurosteroid effects on hyperpolarizing current at $\hat{l}\pm4\hat{l}^22\hat{l}$ GABAA receptors. Psychopharmacology, 2014, 231, 3525-3535.	1.5	9
268	Phosphorylation of GABAA receptors influences receptor trafficking and neurosteroid actions. Psychopharmacology, 2014, 231, 3453-3465.	1.5	47
269	Altered GABAA Receptor Expression and Seizure Threshold Following Acute Ethanol Challenge in Mice Lacking the RIIÎ ² Subunit of PKA. Neurochemical Research, 2014, 39, 1079-1087.	1.6	13
270	International Union of Basic and Clinical Pharmacology. XC. Multisite Pharmacology: Recommendations for the Nomenclature of Receptor Allosterism and Allosteric Ligands. Pharmacological Reviews, 2014, 66, 918-947.	7.1	189
271	Neonatal allopregnanolone levels alteration: Effects on behavior and role of the hippocampus. Progress in Neurobiology, 2014, 113, 95-105.	2.8	20
272	A mouse model mimicking human first night effect for the evaluation of hypnotics. Pharmacology Biochemistry and Behavior, 2014, 116, 129-136.	1.3	34
273	Nitric oxide in the dorsal hippocampal area is involved on muscimol state-dependent memory in the step-down passive avoidance test. Pharmacology Biochemistry and Behavior, 2014, 117, 137-143.	1.3	19
274	Peripheral GABAA receptor activation modulates rat tongue afferent mechanical sensitivity. Archives of Oral Biology, 2014, 59, 251-257.	0.8	21
275	Treating enhanced GABAergic inhibition in Down syndrome: Use of GABA α5-selective inverse agonists. Neuroscience and Biobehavioral Reviews, 2014, 46, 218-227.	2.9	52
276	Sex dimorphism in seizure-controlling networks. Neurobiology of Disease, 2014, 72, 144-152.	2.1	43
277	Neuroactive steroids in pregnancy: Key regulatory and protective roles in the foetal brain. Journal of Steroid Biochemistry and Molecular Biology, 2014, 139, 144-153.	1.2	74

#	Article	IF	CITATIONS
278	Physical and neurobehavioral development of rat offspring after maternal exposure to Valeriana officinalis during gestation. Journal of Medicinal Plants Research, 2014, 8, 928-935.	0.2	0
280	Aestivation in African Lungfishes: Physiology, Biochemistry and Molecular Biology. , 2015, , 81-132.		6
281	Ionotropic GABA receptor antagonism-induced adverse outcome pathways for potential neurotoxicity biomarkers. Biomarkers in Medicine, 2015, 9, 1225-1239.	0.6	17
282	Effect of non-genomic actions of thyroid hormones on the anaesthetic effect of propofol. Experimental and Therapeutic Medicine, 2015, 10, 959-965.	0.8	1
283	Identification of the putative binding pocket of valerenic acid on GABA A receptors using docking studies and siteâ€directed mutagenesis. British Journal of Pharmacology, 2015, 172, 5403-5413.	2.7	28
284	Adolescentâ€onset <scp>GABA</scp> _A α1 silencing regulates rewardâ€related decision making. European Journal of Neuroscience, 2015, 42, 2114-2121.	1.2	17
285	Comprehensive Analysis of the GABAergic System Gene Expression Profile in the Anterior Cingulate Cortex of Mice With Paclitaxel-Induced Neuropathic Pain. Gene Expression, 2015, 16, 145-153.	0.5	17
286	<i><scp>GABRA</scp>2</i> Alcohol Dependence Risk Allele is Associated with Reduced Expression of Chromosome 4p12 GABA _A Subunit Genes in Human Neural Cultures. Alcoholism: Clinical and Experimental Research, 2015, 39, 1654-1664.	1.4	44
287	Assembly, trafficking and function of α1β2γ2 <scp>GABA_A</scp> receptors are regulated by Nâ€ŧerminal regions, in a subunitâ€₅pecific manner. Journal of Neurochemistry, 2015, 134, 819-832.	2.1	8
288	A Review on GABA/Glutamate Pathway for Therapeutic Intervention of ASD and ADHD. Current Medicinal Chemistry, 2015, 22, 1850-1859.	1.2	47
289	Neuronal gamma-aminobutyric acid (GABA) type A receptors undergo cognate ligand chaperoning in the endoplasmic reticulum by endogenous GABA. Frontiers in Cellular Neuroscience, 2015, 9, 188.	1.8	16
290	Functional characterization of ivermectin binding sites in $\hat{l}\pm 1\hat{l}^22\hat{l}^32L$ GABA(A) receptors. Frontiers in Molecular Neuroscience, 2015, 8, 55.	1.4	46
291	Generation of Functional Inhibitory Synapses Incorporating Defined Combinations of GABA(A) or Glycine Receptor Subunits. Frontiers in Molecular Neuroscience, 2015, 8, 80.	1.4	20
292	Functional Impact of 14 Single Nucleotide Polymorphisms Causing Missense Mutations of Human α7 Nicotinic Receptor. PLoS ONE, 2015, 10, e0137588.	1.1	5
293	Interactions of L-3,5,3'-Triiodothyronine, Allopregnanolone, and Ivermectin with the GABAA Receptor: Evidence for Overlapping Intersubunit Binding Modes. PLoS ONE, 2015, 10, e0139072.	1.1	8
294	Postnatal Down-Regulation of the GABAA Receptor \hat{l}^32 Subunit in Neocortical NG2 Cells Accompanies Synaptic-to-Extrasynaptic Switch in the GABAergic Transmission Mode. Cerebral Cortex, 2015, 25, 1114-1123.	1.6	47
295	Ionotropic GABA and Glutamate Receptor Mutations and Human Neurologic Diseases. Molecular Pharmacology, 2015, 88, 203-217.	1.0	177
297	Localisation and stress-induced plasticity of GABAA receptor subunits within the cellular networks of the mouse dorsal raphe nucleus. Brain Structure and Function, 2015, 220, 2739-2763.	1.2	15

#	Article	IF	CITATIONS
298	Neurosteroids increase tonic GABAergic inhibition in the lateral section of the central amygdala in mice. Journal of Neurophysiology, 2015, 113, 3421-3431.	0.9	10
300	δSubunitâ€containing GABA _A receptors are preferred targets for the centrally acting analgesic flupirtine. British Journal of Pharmacology, 2015, 172, 4946-4958.	2.7	22
301	Ectopic Expression of $\hat{l}\pm 6$ and \hat{l} GABA _A Receptor Subunits in Hilar Somatostatin Neurons Increases Tonic Inhibition and Alters Network Activity in the Dentate Gyrus. Journal of Neuroscience, 2015, 35, 16142-16158.	1.7	13
302	Disinhibition of olfactory bulb granule cells accelerates odour discrimination in mice. Nature Communications, 2015, 6, 8950.	5.8	55
303	MmTX1 and MmTX2 from coral snake venom potently modulate GABA _A receptor activity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E891-900.	3.3	37
304	Closing the Gap Between the Molecular and Systemic Actions of Anesthetic Agents. Advances in Pharmacology, 2015, 72, 229-262.	1.2	7
305	Selective targeting of the $\hat{l}\pm 5$ -subunit of GABA _A receptors relaxes airway smooth muscle and inhibits cellular calcium handling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L931-L942.	1.3	49
306	Synaptic Inhibition and Disinhibition in the Spinal Dorsal Horn. Progress in Molecular Biology and Translational Science, 2015, 131, 359-383.	0.9	45
307	Etomidate, propofol and diazepam potentiate GABA-evoked GABAA currents in a cell line derived from human glioblastoma. European Journal of Pharmacology, 2015, 748, 101-107.	1.7	18
308	Functional properties of GABA synaptic inputs onto GABA neurons in monkey prefrontal cortex. Journal of Neurophysiology, 2015, 113, 1850-1861.	0.9	11
309	Neurosteroid effects at $\hat{l}\pm4\hat{l}^2\hat{l}$ GABA A receptors alter spatial learning and synaptic plasticity in CA1 hippocampus across the estrous cycle of the mouse. Brain Research, 2015, 1621, 170-186.	1.1	28
310	Modulation of neurosteroid potentiation by protein kinases at synaptic- and extrasynaptic-type GABAA receptors. Neuropharmacology, 2015, 88, 63-73.	2.0	27
311	GABAergic neurotransmission and retinal ganglion cell function. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2015, 201, 261-283.	0.7	10
312	Expression of <scp>GABA</scp> receptors subunits in peripheral blood mononuclear cells is gender dependent, altered in pregnancy and modified by mental health. Acta Physiologica, 2015, 213, 575-585.	1.8	28
313	Distinct Amygdalar AMPAergic/GABAergic Mechanisms Promote Anxiolitic-Like Effects in an Unpredictable Stress Model of the Hamster. Journal of Molecular Neuroscience, 2015, 55, 541-551.	1.1	10
314	Ectoparasiticides: Antagonists and Modulators of Chloride Channels. , 2015, , 1-10.		0
315	Regulation of the Neurodegenerative Process Associated to Parkinson's Disease by CD4+ T-cells. Journal of NeuroImmune Pharmacology, 2015, 10, 561-575.	2.1	54
316	New insights into the architecture of the islet of Langerhans: a focused cross-species assessment. Diabetologia, 2015, 58, 2218-2228.	2.9	81

#	Article	IF	CITATIONS
317	Direct evidence for GABAergic activity of Withania somnifera on mammalian ionotropic GABAA and GABAϕreceptors. Journal of Ethnopharmacology, 2015, 171, 264-272.	2.0	50
318	Synaptic Organization of the Cerebral Cortex. , 2015, , 93-99.		1
319	Diazepam Inhibits Proliferation of Lymph Node Cells Isolated from Rats with Experimental Autoimmune Encephalomyelitis. NeuroImmunoModulation, 2015, 22, 293-302.	0.9	9
320	The nicotinic acetylcholine receptor and its prokaryotic homologues: Structure, conformational transitions & amp; allosteric modulation. Neuropharmacology, 2015, 96, 137-149.	2.0	113
321	Dodecyl Maltopyranoside Enabled Purification of Active Human GABA Type A Receptors for Deep and Direct Proteomic Sequencing*. Molecular and Cellular Proteomics, 2015, 14, 724-738.	2.5	14
322	Investigating complex basal ganglia circuitry in the regulation of motor behaviour, with particular focus on orofacial movement. Behavioural Pharmacology, 2015, 26, 18-32.	0.8	12
323	Glutamate and GABA Imbalance Following Traumatic Brain Injury. Current Neurology and Neuroscience Reports, 2015, 15, 27.	2.0	336
324	Mechanisms of Action and Persistent Neuroplasticity by Drugs of Abuse. Pharmacological Reviews, 2015, 67, 872-1004.	7.1	125
325	The anticonvulsant retigabine is a subtype selective modulator of <scp>GABA</scp> _A receptors. Epilepsia, 2015, 56, 647-657.	2.6	42
327	Advances in the pharmacology of IGICs auxiliary subunits. Pharmacological Research, 2015, 101, 65-73.	3.1	13
328	A Comprehensive Optogenetic Pharmacology Toolkit for InÂVivo Control of GABA A Receptors and Synaptic Inhibition. Neuron, 2015, 88, 879-891.	3.8	69
329	Abnormal subcellular localization of GABAA receptor subunits in schizophrenia brain. Translational Psychiatry, 2015, 5, e612-e612.	2.4	33
330	Metal-assisted synthesis of unsymmetrical magnolol and honokiol analogs and their biological assessment as GABAA receptor ligands. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 400-403.	1.0	8
331	GABAA Receptor Partial Agonists and Antagonists: Structure, Binding Mode, and Pharmacology. Advances in Pharmacology, 2015, 72, 201-227.	1.2	38
332	Evidence for $\langle i \rangle \hat{1} \pm \langle i \rangle$ -Helices in the Large Intracellular Domain Mediating Modulation of the $\langle i \rangle \hat{1} \pm \langle i \rangle 1$ -Glycine Receptor by Ethanol and $G\langle i \rangle \hat{1}^2 \hat{1}^3 \langle i \rangle$. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 148-155.	1.3	18
333	GABAA receptor-acting neurosteroids: A role in the development and regulation of the stress response. Frontiers in Neuroendocrinology, 2015, 36, 28-48.	2.5	121
334	Developmental Expression Patterns of GABA _A Receptor Subunits in Layer 3 and 5 Pyramidal Cells of Monkey Prefrontal Cortex. Cerebral Cortex, 2015, 25, 2295-2305.	1.6	52
335	Flunitrazepam–Membrane Binding. , 2016, , 445-452.		3

#	Article	IF	CITATIONS
336	Functional Properties of Human Stem Cell-Derived Neurons in Health and Disease. Stem Cells International, 2016, 2016, 1-10.	1.2	27
337	A Recombinant Human Pluripotent Stem Cell Line Stably Expressing Halide-Sensitive YFP-I152L for GABAAR and GlyR-Targeted High-Throughput Drug Screening and Toxicity Testing. Frontiers in Molecular Neuroscience, 2016, 9, 51.	1.4	16
338	Competitive antagonists facilitate the recovery from desensitization of $\hat{l}\pm 1\hat{l}^22\hat{l}^32$ GABAA receptors expressed in Xenopus oocytes. Acta Pharmacologica Sinica, 2016, 37, 1020-1030.	2.8	7
339	A Cysteine Substitution Probes \hat{i}^2 3H267 Interactions with Propofol and Other Potent Anesthetics in $\hat{i}\pm 1\hat{i}^23\hat{i}^3$ 2L \hat{i}^3 -Aminobutyric Acid Type A Receptors. Anesthesiology, 2016, 124, 89-100.	1.3	13
340	Mapping General Anesthetic Sites in Heteromeric \hat{I}^3 -Aminobutyric Acid Type A Receptors Reveals a Potential For Targeting Receptor Subtypes. Anesthesia and Analgesia, 2016, 123, 1263-1273.	1.1	64
341	Instant Integrated Ultradeep Quantitative-structural Membrane Proteomics Discovered Post-translational Modification Signatures for Human Cys-loop Receptor Subunit Bias. Molecular and Cellular Proteomics, 2016, 15, 3665-3684.	2.5	4
342	RNA binding protein Nova1 promotes tumor growth in vivo and its potential mechanism as an oncogene may due to its interaction with GABAA Receptor-Î ³ 2. Journal of Biomedical Science, 2016, 23, 71.	2.6	25
343	GABA Pathways and Receptors. , 2016, , 225-229.		0
344	Involvement of the GABA and glutamate neurotransmitter systems in bipolar disorder., 0,, 49-60.		0
345	Contrasting Effects of the γ-Aminobutyric Acid Type A Receptor β3 Subunit N265M Mutation on Loss of Righting Reflexes Induced by Etomidate and the Novel Anesthetic Barbiturate R–mTFD-MPAB. Anesthesia and Analgesia, 2016, 123, 1241-1246.	1.1	11
346	Reduced tonic inhibition after stroke promotes motor performance and epileptic seizures. Scientific Reports, 2016, 6, 26173.	1.6	45
347	Surface expression of GABAA receptors in the rat nucleus accumbens is increased in early but not late withdrawal from extended-access cocaine self-administration. Brain Research, 2016, 1642, 336-343.	1.1	9
348	Signaling molecules of the CNS as targets of autoimmunity. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2016, 133, 17-38.	1.0	1
349	Additive effect of BLA GABAA receptor mechanism and (+)-MK-801 on memory retention deficit, an isobologram analysis. Pharmacology Biochemistry and Behavior, 2016, 143, 57-64.	1.3	8
350	Pharmacodynamics., 2016,, 29-48.		0
351	A new multicomponent reaction for direct synthesis of primary \hat{I}^3 -nitroamides. RSC Advances, 2016, 6, 98427-98433.	1.7	3
352	To what extent is it possible to dissociate the anxiolytic and sedative/hypnotic properties of GABAA receptors modulators?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 71, 189-202.	2.5	10
353	Neonatal seizures are associated with redistribution and loss of <scp>GABA_A</scp> αâ€subunits in theÂhypoxicâ€ischaemic pig. Journal of Neurochemistry, 2016, 139, 471-484.	2.1	21

#	Article	IF	CITATIONS
354	The basolateral amygdala γâ€aminobutyric acidergic system in health and disease. Journal of Neuroscience Research, 2016, 94, 548-567.	1.3	139
355	GABAergic mRNA expression is differentially expressed across the prelimbic and orbitofrontal cortices of rats sensitized to methamphetamine: Relevance to psychosis. Neuropharmacology, 2016, 111, 107-118.	2.0	17
356	Discovery of allosteric modulators for GABAA receptors by ligand-directed chemistry. Nature Chemical Biology, 2016, 12, 822-830.	3.9	53
357	Synthesis and pharmacological evaluation of functionalized isoindolinones on GABA-activated chloride currents in rat cerebellum granule cells in culture. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5284-5289.	1.0	10
358	Effects of gaboxadol on the expression of cocaine sensitization in rats Experimental and Clinical Psychopharmacology, 2016, 24, 131-141.	1.3	3
359	Effects of common anesthetic agents on [18F]flumazenil binding to the GABAA receptor. EJNMMI Research, 2016, 6, 80.	1.1	9
360	Discriminative Stimulus Effects of Abused Inhalants. Current Topics in Behavioral Neurosciences, 2016, 39, 113-139.	0.8	6
361	Pubertal Expression of $\hat{l}\pm4\hat{l}^2\hat{l}'$ GABAA Receptors Reduces Seizure-Like Discharges in CA1 Hippocampus. Scientific Reports, 2016, 6, 31928.	1.6	4
362	Functional properties of in vitro excitatory cortical neurons derived from human pluripotent stem cells. Journal of Physiology, 2016, 594, 6573-6582.	1.3	23
363	Tryptophan and Cysteine Mutations in M1 Helices of $\hat{l}\pm1\hat{l}^23\hat{l}^3$ 2L \hat{l}^3 -Aminobutyric Acid Type A Receptors Indicate Distinct Intersubunit Sites for Four Intravenous Anesthetics and One Orphan Site. Anesthesiology, 2016, 125, 1144-1158.	1.3	35
364	Potentiating effect of glabridin from Glycyrrhiza glabra on GABA A receptors. Biochemistry and Biophysics Reports, 2016, 6, 197-202.	0.7	14
365	The importance of the chemical structure of pregnanes in the concurrent inhibition of estrous behavior in the female rat. Journal of Steroid Biochemistry and Molecular Biology, 2016, 163, 51-58.	1.2	1
366	Alterations in Prefrontal Cortical Circuitry and Cognitive Dysfunction in Schizophrenia. Nebraska Symposium on Motivation, 2016, 63, 31-75.	0.9	10
367	Flumazenil decreases surface expression of $\hat{l}\pm4\hat{l}^22\hat{l}^2$ GABAA receptors by increasing the rate of receptor internalization. Brain Research Bulletin, 2016, 120, 131-143.	1.4	12
368	Mechanisms of Action of Antiseizure Drugs and the Ketogenic Diet. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a022780.	2.9	233
369	Autoimmune synaptopathies. Nature Reviews Neuroscience, 2016, 17, 103-117.	4.9	81
370	Ethanol-induced GABAA receptor alpha4 subunit plasticity involves phosphorylation and neuroactive steroids. Molecular and Cellular Neurosciences, 2016, 72, 1-8.	1.0	9
371	Comparing the discriminative stimulus effects of modulators of GABAA receptors containing $\hat{l}\pm 4-\hat{l}'$ subunits with those of gaboxadol in rats. Psychopharmacology, 2016, 233, 2005-2013.	1.5	4

#	Article	IF	CITATIONS
372	The Role of Benzodiazepines in the Treatment of Epilepsy. Current Treatment Options in Neurology, 2016, 18, 18.	0.7	57
373	Ethanol Regulation of Synaptic GABAA Â4 Receptors Is Prevented by Protein Kinase A Activation. Journal of Pharmacology and Experimental Therapeutics, 2016, 357, 10-16.	1.3	15
374	A weight of evidence assessment approach for adverse outcome pathways. Regulatory Toxicology and Pharmacology, 2016, 75, 46-57.	1.3	41
375	Modulation of GABAA receptors by neurosteroids. A new concept to improve cognitive and motor alterations in hepatic encephalopathy. Journal of Steroid Biochemistry and Molecular Biology, 2016, 160, 88-93.	1.2	5
376	Glutamatergic and GABAergic susceptibility loci for heroin and cocaine addiction in subjects of African and European ancestry. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 64, 118-123.	2.5	17
377	GABA Australis, some reflections on the history of GABA receptor research in Australia. Pharmacological Research, 2017, 116, 32-38.	3.1	4
378	Comparison of amino acid profile in the juice of six pomegranate cultivars from two cultivation regions in China. Journal of Food Processing and Preservation, 2017, 41, e13197.	0.9	4
379	Anxiety like behavior due to perinatal exposure to Bisphenol-A is associated with decrease in excitatory to inhibitory synaptic density of male mouse brain. Toxicology, 2017, 378, 107-113.	2.0	41
380	Stressful life events increase aggression and alcohol use in young carriers of the GABRA2 rs279826/rs279858 A-allele. European Neuropsychopharmacology, 2017, 27, 816-827.	0.3	21
381	The direct actions of cannabidiol and 2-arachidonoyl glycerol at GABA A receptors. Pharmacological Research, 2017, 119, 358-370.	3.1	164
382	GABAâ€ireceptors: distinctive functions and molecular pharmacology. British Journal of Pharmacology, 2017, 174, 1881-1894.	2.7	39
383	Reduced local input to fastâ€spiking interneurons in the somatosensory cortex in the <scp>GABA_A</scp> j³2 R43Q mouse model of absence epilepsy. Epilepsia, 2017, 58, 597-607.	2.6	6
384	The dynamics of GABA signaling: Revelations from the circadian pacemaker in the suprachiasmatic nucleus. Frontiers in Neuroendocrinology, 2017, 44, 35-82.	2.5	83
385	Emerging strategies in the management of essential tremor. Therapeutic Advances in Neurological Disorders, 2017, 10, 137-148.	1.5	25
386	Therapeutic Action of Honokiol on Postoperative Ileus via Downregulation of iNOS Gene Expression. Inflammation, 2017, 40, 1331-1341.	1.7	11
387	Curcumol allosterically modulates GABA(A) receptors in a manner distinct from benzodiazepines. Scientific Reports, 2017, 7, 46654.	1.6	17
388	Construction of Protein-Based Biosensors Using Ligand-Directed Chemistry for Detecting Analyte Binding. Methods in Enzymology, 2017, 589, 253-280.	0.4	3
389	Development of a Robust Mammalian Cellâ€based Assay for Studying Recombinant α ₄ β _{1/3} δGABA _A Receptor Subtypes. Basic and Clinical Pharmacology and Toxicology, 2017, 121, 119-129.	1.2	17

#	Article	IF	CITATIONS
390	GABAA receptor occupancy by subtype selective GABAAα2,3 modulators: PET studies in humans. Psychopharmacology, 2017, 234, 707-716.	1.5	21
391	Anxiolytic effect of fatty acids and terpenes fraction from Aloysia triphylla: Serotoninergic, GABAergic and glutamatergic implications. Biomedicine and Pharmacotherapy, 2017, 96, 320-327.	2.5	15
392	Searching for new pharmacological targets for the treatment of Alzheimer's disease in Down syndrome. European Journal of Pharmacology, 2017, 817, 7-19.	1.7	15
393	Neurotrophic function of phytochemicals for neuroprotection in aging and neurodegenerative disorders: modulation of intracellular signaling and gene expression. Journal of Neural Transmission, 2017, 124, 1515-1527.	1.4	38
394	Inhibitory synapse deficits caused by familial $\hat{l}\pm 1$ GABAA receptor mutations in epilepsy. Neurobiology of Disease, 2017, 108, 213-224.	2.1	15
395	Geneâ€based interaction analysis shows <scp>GABA</scp> ergic genes interacting with parenting in adolescent depressive symptoms. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 1301-1309.	3.1	16
396	Novel Molecule Exhibiting Selective Affinity for GABAA Receptor Subtypes. Scientific Reports, 2017, 7, 6230.	1.6	8
397	Physiological and pharmacological properties of inhibitory postsynaptic currents mediated by $\hat{l}\pm5\hat{l}^21\hat{l}^32$, $\hat{l}\pm5\hat{l}^22\hat{l}^32$ and $\hat{l}\pm5\hat{l}^23\hat{l}^32$ GABA A receptors. Neuropharmacology, 2017, 125, 243-253.	2.0	15
398	Neurobiological correlates of state-dependent context fear. Learning and Memory, 2017, 24, 385-391.	0.5	10
399	Reduced expression of $\hat{l}\pm 5$ GABAA receptors elicits autism-like alterations in EEG patterns and sleep-wake behavior. Neurotoxicology and Teratology, 2017, 61, 115-122.	1.2	19
400	Effects of the benzodiazepine GABAA $\hat{l}\pm 1$ -preferring antagonist 3-isopropoxy- \hat{l}^2 -carboline hydrochloride (3-ISOPBC) on alcohol seeking and self-administration in baboons. Drug and Alcohol Dependence, 2017, 170, 25-31.	1.6	11
401	Comparison of amino acids, biogenic amines and ammonium ion of wines made of different types of fruits. International Journal of Food Science and Technology, 2017, 52, 448-456.	1.3	12
402	<scp>GABA_A</scp> receptor subtype involvement in addictive behaviour. Genes, Brain and Behavior, 2017, 16, 149-184.	1.1	76
403	Enhancing inhibitory synaptic function reverses spatial memory deficits in Shank2 mutant mice. Neuropharmacology, 2017, 112, 104-112.	2.0	56
404	Acute Cortical Transhemispheric Diaschisis after Unilateral Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 1097-1110.	1.7	19
405	Methylmercury induces an initial increase in GABA-evoked currents in Xenopus oocytes expressing $\hat{l}\pm 1$ and $\hat{l}\pm 6$ subunit-containing GABA A receptors. NeuroToxicology, 2017, 60, 161-170.	1.4	2
406	Green synthesis and anxiolytic activity of some new dibenz-[1,4] diazepine-1-one analogues. Arabian Journal of Chemistry, 2017, 10, S1356-S1363.	2.3	19
407	Flavonoid Actions on Receptors for the Inhibitory Neurotransmitter GABA. , 0, , .		4

#	Article	IF	CITATIONS
408	Cocaine Enhances Gamma-Aminobutyric Acid Release From Reticular Thalamic Nucleus., 2017,, 511-518.		0
409	Fast and Slow Inhibition in the Visual Thalamus Is Influenced by Allocating GABAA Receptors with Different \hat{l}^3 Subunits. Frontiers in Cellular Neuroscience, 2017, 11, 95.	1.8	5
410	Cognate Ligand Chaperoning: a Novel Mechanism for the Post-translational Regulation of Neurotransmitter Receptor Biogenesis. Frontiers in Cellular Neuroscience, 2017, 11, 245.	1.8	3
411	Differential Alteration in Expression of Striatal GABAAR Subunits in Mouse Models of Huntington's Disease. Frontiers in Molecular Neuroscience, 2017, 10, 198.	1.4	24
412	Ethanol's Action Mechanisms in the Brain. , 2017, , 149-161.		1
413	Neuroendocrine Regulation of Puberty. , 2017, , 309-356.		0
414	The effect of intrathecal injection of irisin on pain threshold and expression rate of GABAB receptors in peripheral neuropathic pain model. Journal of Chemical Neuroanatomy, 2018, 91, 17-26.	1.0	16
415	Alteration of <scp>GABA</scp> ergic neurotransmission in Huntington's disease. CNS Neuroscience and Therapeutics, 2018, 24, 292-300.	1.9	40
416	Design and Synthesis of Novel Deuterated Ligands Functionally Selective for the \hat{I}^3 -Aminobutyric Acid Type A Receptor (GABA _A R) $\hat{I}\pm 6$ Subtype with Improved Metabolic Stability and Enhanced Bioavailability. Journal of Medicinal Chemistry, 2018, 61, 2422-2446.	2.9	40
417	Drugs for Insomnia beyond Benzodiazepines: Pharmacology, Clinical Applications, and Discovery. Pharmacological Reviews, 2018, 70, 197-245.	7.1	231
418	<scp>GABA_A</scp> receptor subunit expression changes in the human Alzheimer's disease hippocampus, subiculum, entorhinal cortex and superior temporal gyrus. Journal of Neurochemistry, 2018, 145, 374-392.	2.1	70
419	GABA and Glutamate Synaptic Coadaptations to Chronic Ethanol in the Striatum. Handbook of Experimental Pharmacology, 2018, 248, 79-112.	0.9	6
420	GABAA Receptor Physiology and Pharmacology. , 0, , 419-457.		5
421	GABA Regulates Release of Inflammatory Cytokines From Peripheral Blood Mononuclear Cells and CD4+ T Cells and Is Immunosuppressive in Type 1 Diabetes. EBioMedicine, 2018, 30, 283-294.	2.7	104
422	Functional Characterization of Native, High-Affinity GABAA Receptors in Human Pancreatic \hat{l}^2 Cells. EBioMedicine, 2018, 30, 273-282.	2.7	42
423	Identification and expression of a unique neonatal variant of the GABAA receptor $\hat{l}\pm 3$ subunit. Brain Structure and Function, 2018, 223, 1025-1033.	1.2	1
424	Comparison of $\hat{l}\pm\hat{l}^2\hat{l}$ and $\hat{l}\pm\hat{l}^2\hat{l}^3$ GABAA receptors: Allosteric modulation and identification of subunit arrangement by site-selective general anesthetics. Pharmacological Research, 2018, 133, 289-300.	3.1	20
425	GABAA receptor polymorphisms in alcohol use disorder in the GWAS era. Psychopharmacology, 2018, 235, 1845-1865.	1.5	14

#	Article	IF	CITATIONS
426	Structural changes at the myrtenol backbone reverse its positive allosteric potential into inhibitory GABA _A receptor modulation. Biological Chemistry, 2018, 399, 549-563.	1.2	6
427	Von Economo Neurons and Fork Cells: A Neurochemical Signature Linked to Monoaminergic Function. Cerebral Cortex, 2018, 28, 131-144.	1.6	38
428	The emergence of new psychoactive substance (NPS) benzodiazepines: A review. Drug Testing and Analysis, 2018, 10, 37-53.	1.6	81
429	Decreasing the Expression of GABAA $\hat{l}\pm 5$ Subunit-Containing Receptors Partially Improves Cognitive, Electrophysiological, and Morphological Hippocampal Defects in the Ts65Dn Model of Down Syndrome. Molecular Neurobiology, 2018, 55, 4745-4762.	1.9	15
430	Negative modulation of the <scp>GABA_A</scp> il receptor function by <scp>l</scp> â€cysteine. Journal of Neurochemistry, 2018, 144, 50-57.	2.1	4
431	GABAergic over-inhibition, a promising hypothesis for cognitive deficits in Down syndrome. Free Radical Biology and Medicine, 2018, 114, 33-39.	1.3	36
432	Effects of <scp>GABA</scp> active steroids in the female brain with a focus on the premenstrual dysphoric disorder. Journal of Neuroendocrinology, 2018, 30, e12553.	1.2	64
433	GABA _A receptor subunits in the human amygdala and hippocampus: Immunohistochemical distribution of 7 subunits. Journal of Comparative Neurology, 2018, 526, 324-348.	0.9	35
434	Endogenous neurosteroids influence synaptic GABA _A receptors during postnatal development. Journal of Neuroendocrinology, 2018, 30, e12537.	1.2	12
435	GABA type a receptor trafficking and the architecture of synaptic inhibition. Developmental Neurobiology, 2018, 78, 238-270.	1.5	50
436	Examining the effects of alcohol on GABAA receptor mRNA expression and function in neural cultures generated from control and alcohol dependent donor induced pluripotent stem cells. Alcohol, 2018, 66, 45-53.	0.8	20
437	GABAA receptor subtype selectivity of the proconvulsant rodenticide TETS. Archives of Toxicology, 2018, 92, 833-844.	1.9	12
438	Alphaxalone Binds in Inner Transmembrane β+–αâ^' Interfaces of α1β3γ2 γ-Aminobutyric Acid Type A Recept Anesthesiology, 2018, 128, 338-351.	ors. 1.3	24
439	Genetic and Molecular Regulation of Extrasynaptic GABA-A Receptors in the Brain: Therapeutic Insights for Epilepsy. Journal of Pharmacology and Experimental Therapeutics, 2018, 364, 180-197.	1.3	102
440	Insights into GABA _A ergic system alteration in Huntington's disease. Open Biology, 2018, 8,	1.5	62
441	Sex and \hat{I}^2 -Endorphin Influence the Effects of Ethanol on Limbic Gabra2 Expression in a Mouse Binge Drinking Model. Frontiers in Genetics, 2018, 9, 567.	1.1	10
442	Gephyrin: a key regulatory protein of inhibitory synapses and beyond. Histochemistry and Cell Biology, 2018, 150, 489-508.	0.8	47
443	Extrasynaptic α ₅ GABA _A receptors on proprioceptive afferents produce a tonic depolarization that modulates sodium channel function in the rat spinal cord. Journal of Neurophysiology, 2018, 120, 2953-2974.	0.9	32

#	Article	IF	CITATIONS
444	Stereoselective Synthesis of the Isomers of Notoincisol A: Assignment of the Absolute Configuration of this Natural Product and Biological Evaluation. Journal of Natural Products, 2018, 81, 2419-2428.	1.5	1
445	Synthesis of chiral GABAA receptor subtype selective ligands as potential agents to treat schizophrenia as well as depression. Arkivoc, 2018, 2018, 158-182.	0.3	15
446	Structural basis of neurosteroid anesthetic action on GABAA receptors. Nature Communications, 2018, 9, 3972.	5.8	56
447	Anxiolytics targeting GABA _A receptors: Insights on etifoxine. World Journal of Biological Psychiatry, 2018, 19, S36-S45.	1.3	32
449	Nuclear Respiratory Factor 1 (NRF-1) Controls the Activity Dependent Transcription of the GABA-A Receptor Beta 1 Subunit Gene in Neurons. Frontiers in Molecular Neuroscience, 2018, 11, 285.	1.4	29
450	Î ³ 2 GABAAR Trafficking and the Consequences of Human Genetic Variation. Frontiers in Cellular Neuroscience, 2018, 12, 265.	1.8	20
451	4-Hydroxy-1,2,3-triazole moiety as bioisostere of the carboxylic acid function: a novel scaffold to probe the orthosteric \hat{l}^3 -aminobutyric acid receptor binding site. European Journal of Medicinal Chemistry, 2018, 158, 311-321.	2.6	27
452	Early-life adversity selectively impairs $\hat{l}\pm 2$ -GABAA receptor expression in the mouse nucleus accumbens and influences the behavioral effects of cocaine. Neuropharmacology, 2018, 141, 98-112.	2.0	25
453	Neurotransmission and the peripheral autonomic nervous system., 2018,, 73-90.		0
454	Conditioned Reward of Opioids, but not Psychostimulants, is Impaired in GABAâ€A Receptor δ Subunit Knockout Mice. Basic and Clinical Pharmacology and Toxicology, 2018, 123, 558-566.	1.2	8
455	Effect of prenatal stress on É'5 GABA A receptor subunit gene expression in hippocampus and pilocarpine induced seizure in rats. International Journal of Developmental Neuroscience, 2018, 68, 66-71.	0.7	17
456	Dysregulation of GABAergic Signalling Contributes in the Pathogenesis of Diarrhea-predominant Irritable Bowel Syndrome. Journal of Neurogastroenterology and Motility, 2018, 24, 422-430.	0.8	19
457	De novo variants in GABRA2 and GABRA5 alter receptor function and contribute to early-onset epilepsy. Brain, 2018, 141, 2392-2405.	3.7	71
458	Quercetin Reduces Cortical GABAergic Transmission and Alleviates MK-801-Induced Hyperactivity. EBioMedicine, 2018, 34, 201-213.	2.7	22
459	Stress in Regulation of GABA Amygdala System and Relevance to Neuropsychiatric Diseases. Frontiers in Neuroscience, 2018, 12, 562.	1.4	68
460	GABA beyond the synapse: defining the subtypeâ€specific pharmacodynamics of nonâ€synaptic GABA _A receptors. Journal of Physiology, 2018, 596, 4475-4495.	1.3	17
461	GABAA Receptor Subtypes Regulate Stress-Induced Colon Inflammation in Mice. Gastroenterology, 2018, 155, 852-864.e3.	0.6	36
462	Expression and purification of a functional heteromeric GABAA receptor for structural studies. PLoS ONE, 2018, 13, e0201210.	1.1	6

#	Article	IF	CITATIONS
463	Missense Gamma-Aminobutyric Acid Receptor Polymorphisms Are Associated with Reaction Time, Motor Time, and Ethanol Effects in Vivo. Frontiers in Cellular Neuroscience, 2018, 12, 10.	1.8	6
464	SAHA (Vorinostat) Corrects Inhibitory Synaptic Deficits Caused by Missense Epilepsy Mutations to the GABAA Receptor 1 ³ 2 Subunit. Frontiers in Molecular Neuroscience, 2018, 11, 89.	1.4	7
465	Diversity matters: combinatorial information coding by GABAA receptor subunits during spatial learning and its allosteric modulation. Cellular Signalling, 2018, 50, 142-159.	1.7	5
466	Enhanced GABAergic actions resulting from the coapplication of the steroid 3î±-hydroxy-5î±-pregnane-11,20-dione (alfaxalone) with propofol or diazepam. Scientific Reports, 2018, 8, 10341.	1.6	26
467	Molecular Targets for Components of Essential Oils in the Insect Nervous System—A Review. Molecules, 2018, 23, 34.	1.7	219
468	Identification of binding sites contributing to volatile anesthetic effects on GABA type A receptors. FASEB Journal, 2018, 32, 4172-4189.	0.2	22
469	The fifth subunit in $\hat{l}\pm3\hat{l}^24$ nicotinic receptor is more than an accessory subunit. FASEB Journal, 2018, 32, 4190-4202.	0.2	8
470	Expression of the eight GABAA receptor \hat{l}_{\pm} subunits in the developing zebrafish central nervous system. PLoS ONE, 2018, 13, e0196083.	1.1	35
471	Depression and schizophrenia viewed from the perspective of amino acidergic neurotransmission: Antipodes of psychiatric disorders., 2019, 193, 75-82.		11
472	Neurobiology and Therapeutic Potential of $\hat{l}\pm 5$ -GABA Type A Receptors. Frontiers in Molecular Neuroscience, 2019, 12, 179.	1.4	74
473	The effect of exercise on GABA signaling pathway in the model of chemically induced seizures. Life Sciences, 2019, 232, 116667.	2.0	16
474	Targeting GABAAR-Associated Proteins: New Modulators, Labels and Concepts. Frontiers in Molecular Neuroscience, 2019, 12, 162.	1.4	12
475	Variations on a scaffold - Novel GABAA receptor modulators. European Journal of Medicinal Chemistry, 2019, 180, 340-349.	2.6	4
476	The Human Connectome: Functional Anatomy of the Brain. , 2019, , 1-48.		0
477	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.	0.9	8
478	The Delta-Subunit Selective GABAA Receptor Modulator, DS2, Improves Stroke Recovery via an Anti-inflammatory Mechanism. Frontiers in Neuroscience, 2019, 13, 1133.	1.4	14
479	BOVINE WELLFARE HANDLED IN ADAPTED CORRAL WITH UNCONVENTIONAL MATERIALS. Engenharia Agricola, 2019, 39, 272-279.	0.2	0
480	Developmental and age-dependent plasticity of GABAA receptors in the mouse colon: Implications in colonic motility and inflammation. Autonomic Neuroscience: Basic and Clinical, 2019, 221, 102579.	1.4	9

#	ARTICLE	IF	CITATIONS
481	Electrophysiological evaluation of extracellular spermine and alkaline pH on synaptic human GABAA receptors. Translational Psychiatry, 2019, 9, 218.	2.4	7
482	Novel pharmacological targets in drug development for the treatment of anxiety and anxiety-related disorders. , 2019, 204, 107402.		132
483	Neurosteroids as novel antidepressants and anxiolytics: GABA-A receptors and beyond. Neurobiology of Stress, 2019, 11, 100196.	1.9	249
484	GABAergic regulation of pancreatic islet cells: Physiology and antidiabetic effects. Journal of Cellular Physiology, 2019, 234, 14432-14444.	2.0	35
485	<scp>MIDD</scp> 0301 – A firstâ€inâ€class antiâ€inflammatory asthma drug targets <scp>GABA_A</scp> receptors without causing systemic immune suppression. Basic and Clinical Pharmacology and Toxicology, 2019, 125, 75-84.	1.2	10
486	Dopaminergic-GABAergic interplay and alcohol binge drinking. Pharmacological Research, 2019, 141, 384-391.	3.1	18
487	Current Opinions and Consensus for Studying Tremor in Animal Models. Cerebellum, 2019, 18, 1036-1063.	1.4	27
488	Prenatal stress and elevated seizure susceptibility: Molecular inheritable changes. Epilepsy and Behavior, 2019, 96, 122-131.	0.9	7
489	A structural perspective on GABAA receptor pharmacology. Current Opinion in Structural Biology, 2019, 54, 189-197.	2.6	51
490	Synthesis and Pharmacological Evaluation of [¹¹ C]4-Methoxy- <i>N</i> -[2-(thiophen-2-yl)imidazo[1,2- <i>a</i>)pyridin-3-yl]benzamide as a Brain Penetrant PET Ligand Selective for the Î-Subunit-Containing Î3-Aminobutyric Acid Type A Receptors. ACS Omega. 2019. 4. 8846-8851.	1.6	7
491	Major Contribution of Somatostatin-Expressing Interneurons and Cannabinoid Receptors to Increased GABA Synaptic Activity in the Striatum of Huntington's Disease Mice. Frontiers in Synaptic Neuroscience, 2019, 11, 14.	1.3	28
492	Human brain transcriptome analysis finds region- and subject-specific expression signatures of GABAAR subunits. Communications Biology, 2019, 2, 153.	2.0	34
493	Selective stimulation of central GABAA $\hat{1}\pm2,3,5$ receptors increases intake and motivation to consume sucrose solution in rats. Neuroscience, 2019, 409, 111-119.	1.1	5
495	Resilience and Vulnerability to Trauma: Early Life Interventions Modulate Aversive Memory Reconsolidation in the Dorsal Hippocampus. Frontiers in Molecular Neuroscience, 2019, 12, 134.	1.4	21
496	Novel GABRA2 variants in epileptic encephalopathy and intellectual disability with seizures. Brain, 2019, 142, e15-e15.	3.7	12
497	Involvement of the GABAA receptor \hat{l}_{\pm} subunit in the mode of action of etifoxine. Pharmacological Research, 2019, 145, 104250.	3.1	21
498	Identification of a Functional Non-coding Variant in the GABAA Receptor α2 Subunit of the C57BL/6J Mouse Reference Genome: Major Implications for Neuroscience Research. Frontiers in Genetics, 2019, 10, 188.	1.1	56
499	GABA allosteric modulators: An overview of recent developments in non-benzodiazepine modulators. European Journal of Medicinal Chemistry, 2019, 171, 434-461.	2.6	41

#	Article	IF	Citations
500	GABA(A) receptor-targeted drug development -New perspectives in perioperative anesthesia. Expert Opinion on Drug Discovery, 2019, 14, 683-699.	2.5	20
501	Multiple functional neurosteroid binding sites on GABAA receptors. PLoS Biology, 2019, 17, e3000157.	2.6	76
502	Monod-Wyman-Changeux Allosteric Shift Analysis in Mutant $\langle i \rangle \hat{1} \pm \langle i \rangle 1 \langle i \rangle \hat{1}^2 \langle i \rangle 3 \langle i \rangle \hat{1}^3 \langle i \rangle 2L$ GABA \langle sub \rangle A \langle sub \rangle Receptors Indicates Selectivity and Crosstalk among Intersubunit Transmembrane Anesthetic Sites. Molecular Pharmacology, 2019, 95, 408-417.	1.0	18
503	Multiple actions of fenamates and other nonsteroidal anti-inflammatory drugs on GABAA receptors. European Journal of Pharmacology, 2019, 853, 247-255.	1.7	4
504	Brain allopregnanolone induces marked scratching behaviour in diet-induced atopic dermatitis mouse model. Scientific Reports, 2019, 9, 2364.	1.6	6
505	Discovery of 2-(Imidazo[1,2- <i>b</i>)pyridazin-2-yl)acetic Acid as a New Class of Ligands Selective for the \hat{I}^3 -Hydroxybutyric Acid (GHB) High-Affinity Binding Sites. Journal of Medicinal Chemistry, 2019, 62, 2798-2813.	2.9	12
506	GABRB2 in Neuropsychiatric Disorders: Genetic Associations and Functional Evidences. Current Psychopharmacology, 2019, 8, 166-176.	0.1	6
507	Gender-dependent regulation of anxiety-like behavior by δ subunit-containing GABAA receptor during postnatal development. NeuroReport, 2019, 30, 753-759.	0.6	1
508	A half century of \hat{I}^3 -aminobutyric acid. Brain and Neuroscience Advances, 2019, 3, 239821281985824.	1.8	42
509	Depression, GABA, and Age Correlate with Plasma Levels of Inflammatory Markers. International Journal of Molecular Sciences, 2019, 20, 6172.	1.8	18
510	Cryo-EM structure of the human $\hat{l}\pm 1\hat{l}^23\hat{l}^32$ GABAA receptor in a lipid bilayer. Nature, 2019, 565, 516-520.	13.7	264
511	In Search of GABA _A Receptor's Neurosteroid Binding Sites. Journal of Medicinal Chemistry, 2019, 62, 5250-5260.	2.9	15
512	Inhibitable photolabeling by neurosteroid diazirine analog in the Î ² 3-Subunit of human hetereopentameric type A GABA receptors. European Journal of Medicinal Chemistry, 2019, 162, 810-824.	2.6	7
513	Activity-dependent development of GABAergic synapses. Brain Research, 2019, 1707, 18-26.	1.1	17
514	Effects of the $\hat{l}\pm 2/\hat{l}\pm 3$ -subtype-selective GABAA receptor positive allosteric modulator KRM-II-81 on pain-depressed behavior in rats: comparison with ketorolac and diazepam. Behavioural Pharmacology, 2019, 30, 452-461.	0.8	16
515	The α5-Containing GABAA Receptors—a Brief Summary. Journal of Molecular Neuroscience, 2019, 67, 343-351.	1.1	23
516	Down syndrome: Neurobiological alterations and therapeutic targets. Neuroscience and Biobehavioral Reviews, 2019, 98, 234-255.	2.9	63
517	Sex- and age-related changes in GABA signaling components in the human cortex. Biology of Sex Differences, 2019, 10, 5.	1.8	60

#	ARTICLE	IF	CITATIONS
518	CSF reactivity in GABAA receptor antibody encephalitis $\hat{a} \in$ Immunocytochemical distribution in the murine brain. Brain Research, 2019, 1704, 249-256.	1.1	5
519	GABA promotes βâ€cell proliferation, but does not overcome impaired glucose homeostasis associated with dietâ€induced obesity. FASEB Journal, 2019, 33, 3968-3984.	0.2	40
520	Design, Synthesis, and Pharmacological Evaluation of Novel Î ² 2/3 Subunit-Selective Î ³ -Aminobutyric Acid Type A (GABA _A) Receptor Modulators. Journal of Medicinal Chemistry, 2019, 62, 317-341.	2.9	9
521	The flavonoid, 2′-methoxy-6-methylflavone, affords neuroprotection following focal cerebral ischaemia. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1266-1282.	2.4	18
522	Neurosteroid regulation of GABAA receptors: A role in catamenial epilepsy. Brain Research, 2019, 1703, 31-40.	1.1	38
523	Using human stem cells as a model system to understand the neural mechanisms of alcohol use disorders: Current status and outlook. Alcohol, 2019, 74, 83-93.	0.8	10
524	The signaling role for chloride in the bidirectional communication between neurons and astrocytes. Neuroscience Letters, 2019, 689, 33-44.	1.0	49
525	GABAAR isoform and subunit structural motifs determine synaptic and extrasynaptic receptor localisation. Neuropharmacology, 2020, 169, 107540.	2.0	34
526	Contribution of GABAA receptor subunits to attention and social behavior. Behavioural Brain Research, 2020, 378, 112261.	1.2	11
527	Subregional differences in GABA A receptor subunit expression in the rostral ventrolateral medulla of sedentary versus physically active rats. Journal of Comparative Neurology, 2020, 528, 1053-1075.	0.9	4
528	Development of 1,3-thiazole analogues of imidazopyridines as potent positive allosteric modulators of GABAA receptors. Bioorganic Chemistry, 2020, 94, 103334.	2.0	12
529	Endozepines and their receptors: Structure, functions and pathophysiological significance. , 2020, 208, 107386.		43
530	Lipid-based nanodelivery approaches for dopamine-replacement therapies in Parkinson's disease: From preclinical to translational studies. Biomaterials, 2020, 232, 119704.	5.7	24
531	GABA-A receptor modulating steroids in acute and chronic stress; relevance for cognition and dementia?. Neurobiology of Stress, 2020, 12, 100206.	1.9	11
532	Realising the therapeutic potential of neuroactive steroid modulators of the GABAA receptor. Neurobiology of Stress, 2020, 12, 100207.	1.9	39
533	Gimmicks of gammaâ€aminobutyric acid (GABA) in pancreatic βâ€cell regeneration through transdifferentiation of pancreatic α―to βâ€cells. Cell Biology International, 2020, 44, 926-936.	1.4	8
534	Central Nervous System Targets: Inhibitory Interneurons in the Spinal Cord. Neurotherapeutics, 2020, 17, 874-885.	2.1	56
535	Allopregnanolone Enhances GABAergic Inhibition in Spinal Motor Networks. International Journal of Molecular Sciences, 2020, 21, 7399.	1.8	1

#	Article	IF	CITATIONS
536	The Effects of pH on the Structure and Bioavailability of Imidazobenzodiazepine-3-Carboxylate MIDD0301. Molecular Pharmaceutics, 2020, 17, 1182-1192.	2.3	5
537	Regional transcriptome analysis of AMPA and GABAA receptor subunit expression generates E/I signatures of the human brain. Scientific Reports, 2020, 10, 11352.	1.6	6
538	A Targeted Bioinformatics Assessment of Adrenocortical Carcinoma Reveals Prognostic Implications of GABA System Gene Expression. International Journal of Molecular Sciences, 2020, 21, 8485.	1.8	7
539	Induced pluripotent stem cells as a platform to understand patientâ€specific responses to opioids and anaesthetics. British Journal of Pharmacology, 2020, 177, 4581-4594.	2.7	7
540	Preclinical characterization of zuranolone (SAGE-217), a selective neuroactive steroid GABAA receptor positive allosteric modulator. Neuropharmacology, 2020, 181, 108333.	2.0	65
541	Sex Differences in the Epilepsies and Associated Comorbidities: Implications for Use and Development of Pharmacotherapies. Pharmacological Reviews, 2020, 72, 767-800.	7.1	58
542	Isoflurane Potentiation of GABAA Receptors Is Reduced but Not Eliminated by the \hat{l}^23 (N265M) Mutation. International Journal of Molecular Sciences, 2020, 21, 9534.	1.8	4
543	The Value of pH Sensors in Maintaining Homeostasis of the Nervous System. Russian Journal of Bioorganic Chemistry, 2020, 46, 506-519.	0.3	9
544	Inactivation of the Ventral Pallidum by GABAA Receptor Agonist Promotes Non-rapid Eye Movement Sleep in Rats. Neurochemical Research, 2020, 45, 1791-1801.	1.6	6
545	Design, synthesis and biological evaluation of 7-substituted 4-phenyl-6H-imidazo[1,5-a]thieno[3,2-f] [1,4]diazepines as safe anxiolytic agents. European Journal of Medicinal Chemistry, 2020, 200, 112405.	2.6	4
546	Branching points of primary afferent fibers are vital for the modulation of fiber excitability by epidural DC polarization and by GABA in the rat spinal cord. Journal of Neurophysiology, 2020, 124, 49-62.	0.9	12
547	A potent photoreactive general anesthetic with novel binding site selectivity for GABAA receptors. European Journal of Medicinal Chemistry, 2020, 194, 112261.	2.6	3
548	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.	0.9	20
549	Perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) acutely affect human $\hat{l}\pm 1\hat{l}^22\hat{l}^32L$ GABAA receptor and spontaneous neuronal network function in vitro. Scientific Reports, 2020, 10, 5311.	1.6	49
550	GABA _A receptor subtype modulators in medicinal chemistry: an updated patent review (2014-present). Expert Opinion on Therapeutic Patents, 2020, 30, 409-432.	2.4	8
551	Discovery of a new class of orthosteric antagonists with nanomolar potency at extrasynaptic GABAA receptors. Scientific Reports, 2020, 10, 10078.	1.6	10
552	Translational validity and implications of pharmacotherapies in preclinical models of Down syndrome. Progress in Brain Research, 2020, 251, 245-268.	0.9	16
553	Mechanisms of action of currently used antiseizure drugs. Neuropharmacology, 2020, 168, 107966.	2.0	252

#	Article	IF	Citations
554	The Induction of a Depression-Like State by Chronic Exposure to Ultrasound in Rats Is Accompanied by a Reduction in Gene Expression of GABAA-Receptor Subunits in the Brain. Neurochemical Journal, 2020, 14, 49-54.	0.2	1
555	Paroxysmal Discharges in Tissue Slices From Pediatric Epilepsy Surgery Patients: Critical Role of GABAB Receptors in the Generation of Ictal Activity. Frontiers in Cellular Neuroscience, 2020, 14, 54.	1.8	10
556	Central amygdala circuit dynamics underlying the benzodiazepine anxiolytic effect. Molecular Psychiatry, 2021, 26, 534-544.	4.1	44
557	Mechanisms of GABAergic and cholinergic neurotransmission in auditory thalamus: Impact of aging. Hearing Research, 2021, 402, 108003.	0.9	17
558	Femoral blood concentrations of the designer benzodiazepine etizolam in post-mortem cases. Medicine, Science and the Law, 2021, 61, 122-129.	0.6	10
559	Regulation of GABAARs by Transmembrane Accessory Proteins. Trends in Neurosciences, 2021, 44, 152-165.	4.2	35
560	Comparison of nutrients and microbial density in goji berry juice during lactic acid fermentation using four lactic acid bacteria strains. Journal of Food Processing and Preservation, 2021, 45, .	0.9	9
561	Role of GABRD Gene Methylation in the Nucleus Accumbens in Heroin-Seeking Behavior in Rats. Frontiers in Pharmacology, 2021, 11, 612200.	1.6	10
562	Nelumbo nucifera promotes non-rapid eye movement sleep by regulating GABAergic receptors in rat model. Journal of Ethnopharmacology, 2021, 267, 113511.	2.0	11
564	Structural basis of GABARAP-mediated GABAA receptor trafficking and functions on GABAergic synaptic transmission. Nature Communications, 2021, 12, 297.	5.8	15
565	Progesterone modulates neuronal excitability bidirectionally. Neuroscience Letters, 2021, 744, 135619.	1.0	24
566	Sex specific correlation between GABAergic disruption in the dorsal hippocampus and flurothyl seizure susceptibility after neonatal hypoxic-ischemic brain injury. Neurobiology of Disease, 2021, 148, 105222.	2.1	7
567	Structure-Guided Computational Methods Predict Multiple Distinct Binding Modes for Pyrazoloquinolinones in GABAA Receptors. Frontiers in Neuroscience, 2020, 14, 611953.	1.4	5
568	Enhanced hippocampal type II theta activity AND altered theta architecture in mice lacking the Cav3.2 T-type voltage-gated calcium channel. Scientific Reports, 2021, 11, 1099.	1.6	6
569	Food protein-derived anxiolytic peptides: their potential role in anxiety management. Food and Function, 2021, 12, 1415-1431.	2.1	11
570	Steroidal sapogenins from genus Trillium: Chemistry, synthesis, and opportunities in neuro-active steroids designing. Studies in Natural Products Chemistry, 2021, , 67-95.	0.8	12
571	Looking for Novelty in an "Old―Receptor: Recent Advances Toward Our Understanding of GABAARs and Their Implications in Receptor Pharmacology. Frontiers in Neuroscience, 2020, 14, 616298.	1.4	34
572	Journey from responsible alcohol drinking to alcoholism. , 2021, , 1-74.		0

#	Article	IF	CITATIONS
573	Characterization of Source-Localized EEG Activity During Sustained Deep-Tissue Pain. Brain Topography, 2021, 34, 192-206.	0.8	2
574	Highlighting membrane protein structure and function: AÂcelebration of the Protein Data Bank. Journal of Biological Chemistry, 2021, 296, 100557.	1.6	42
575	Hydroxyazoles as acid isosteres and their drug design applicationsâ€"Part 1: Monocyclic systems. Advances in Heterocyclic Chemistry, 2021, 134, 185-272.	0.9	10
576	â€~Proximity frequencies' a new parameter to evaluate the profile of GABAAR modulators. Bioorganic and Medicinal Chemistry Letters, 2021, 34, 127755.	1.0	5
577	Hemiconvulsion–hemiplegia–epilepsy syndrome with 5q33.3q34 microdeletion: Causal or chance association. International Journal of Developmental Neuroscience, 2021, 81, 539-543.	0.7	0
578	Basmisanil, a highly selective GABAA- $\hat{l}\pm 5$ negative allosteric modulator: preclinical pharmacology and demonstration of functional target engagement in man. Scientific Reports, 2021, 11, 7700.	1.6	10
579	Decreased abundance of Akkermansia after adrenocorticotropic hormone therapy in patients with West syndrome. BMC Microbiology, 2021, 21, 126.	1.3	6
580	Neurobiology of alcohol seeking behavior. Journal of Neurochemistry, 2021, 157, 1585-1614.	2.1	29
581	GABAA-Receptor Agonists Limit Pneumonitis and Death in Murine Coronavirus-Infected Mice. Viruses, 2021, 13, 966.	1.5	21
582	Vasodilatory effects of a variety of positive allosteric modulators of GABAA receptors on rat thoracic aorta. European Journal of Pharmacology, 2021, 899, 174023.	1.7	5
583	Molecular Determinants Underlying Delta Selective Compound 2 Activity at $\langle i \rangle \hat{l}' \langle i \rangle$ -Containing GABA $\langle sub \rangle$ A $\langle sub \rangle$ Receptors. Molecular Pharmacology, 2021, 100, 46-56.	1.0	2
584	Inhibition of microRNAâ€129–2â€3p protects against refractory temporal lobe epilepsy by regulating <i>GABRA1</i> . Brain and Behavior, 2021, 11, e02195.	1.0	16
585	GABA _A receptor β ₁ â€subunit knockâ€out mice show increased delta power in NREM sleep and decreased theta power in REM sleep. European Journal of Neuroscience, 2021, 54, 4445-4455.	1.2	4
586	Neocortex- and hippocampus-specific deletion of Gabrg2 causes temperature-dependent seizures in mice. Cell Death and Disease, 2021, 12, 553.	2.7	7
588	Characterization of the Functional Cross-Talk between Surface GABAA and Dopamine D5 Receptors. International Journal of Molecular Sciences, 2021, 22, 4867.	1.8	13
589	Lighting Up the Plasma Membrane: Development and Applications of Fluorescent Ligands for Transmembrane Proteins. Chemistry - A European Journal, 2021, 27, 8605-8641.	1.7	12
590	<i>Combretum lanceolatum</i> extract reverses anxiety and seizure behavior in adult zebrafish through GABAergic neurotransmission: an <i>inâvivo and in silico</i> study. Journal of Biomolecular Structure and Dynamics, 2022, 40, 9801-9814.	2.0	11
591	Electrophysiology of ionotropic GABA receptors. Cellular and Molecular Life Sciences, 2021, 78, 5341-5370.	2.4	48

#	Article	IF	CITATIONS
592	Mice Lacking GABAA Receptor \hat{l} Subunit Have Altered Pharmaco-EEG Responses to Multiple Drugs. Frontiers in Pharmacology, 2021, 12, 706894.	1.6	4
593	Natural Products for Neurodegeneration: Regulating Neurotrophic Signals. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	1.9	23
594	Rosmarinic Acid, a Bioactive Phenolic Compound, Inhibits Glutamate Release from Rat Cerebrocortical Synaptosomes through GABAA Receptor Activation. Biomolecules, 2021, 11, 1029.	1.8	11
595	Gamma-Aminobutyric Acid (GABA) Inhibits α-Melanocyte-Stimulating Hormone-Induced Melanogenesis through GABAA and GABAB Receptors. International Journal of Molecular Sciences, 2021, 22, 8257.	1.8	4
596	Sesquiterpenes and sesquiterpenoids harbor modulatory allosteric potential and affect inhibitory GABA _A receptor function in vitro. Journal of Neurochemistry, 2021, 159, 101-115.	2.1	3
597	The effect of GABA-B receptors in the basolateral amygdala on passive avoidance memory impairment induced by MK-801 in rats. Behavioural Brain Research, 2021, 409, 113313.	1.2	2
598	The role of ligand-gated chloride channels in behavioural alterations at elevated CO2 in a cephalopod. Journal of Experimental Biology, 2021, 224, .	0.8	4
599	Neurotransmitter Dysfunction in Irritable Bowel Syndrome: Emerging Approaches for Management. Journal of Clinical Medicine, 2021, 10, 3429.	1.0	41
600	Diazepam Impairs Innate and Adaptive Immune Responses and Ameliorates Experimental Autoimmune Encephalomyelitis. Frontiers in Immunology, 2021, 12, 682612.	2.2	10
601	GABAA receptors: structure, function, pharmacology, and related disorders. Journal of Genetic Engineering and Biotechnology, 2021, 19, 123.	1.5	117
603	Diurnal properties of tonic and synaptic GABA _A receptor-mediated currents in suprachiasmatic nucleus neurons. Journal of Neurophysiology, 2021, 126, 637-652.	0.9	12
604	Different Behaviors of a Glycine Receptor Channel Pore Residue between Wild-Type-Mimicking and Disease-Type-Mimicking Formats. ACS Chemical Neuroscience, 2021, 12, 3397-3409.	1.7	0
605	The Effects of General Anaesthesia and Light on Behavioural Rhythms and GABAA Receptor Subunit Expression in the Mouse SCN. Clocks & Sleep, 2021, 3, 482-494.	0.9	1
606	Stigmasterol can be new steroidal drug for neurological disorders: Evidence of the GABAergic mechanism via receptor modulation. Phytomedicine, 2021, 90, 153646.	2.3	28
607	The efficacy of \hat{I}^3 -aminobutyric acid type A receptor (GABA AR) subtype-selective positive allosteric modulators in blocking tetramethylenedisulfotetramine (TETS)-induced seizure-like behavior in larval zebrafish with minimal sedation. Toxicology and Applied Pharmacology, 2021, 426, 115643.	1.3	8
608	Molecular Determinants and Pharmacological Analysis for a Class of Competitive Non-transported Bicyclic Inhibitors of the Betaine/GABA Transporter BGT1. Frontiers in Chemistry, 2021, 9, 736457.	1.8	5
609	Relating neurosteroid modulation of inhibitory neurotransmission to behaviour. Journal of Neuroendocrinology, 2022, 34, e13045.	1.2	15
610	Structural determinants and regulation of spontaneous activity in GABAA receptors. Nature Communications, 2021, 12, 5457.	5.8	8

#	Article	IF	Citations
611	The plasticity of nerve fibers: the prolonged effects of polarization of afferent fibers. Journal of Neurophysiology, 2021, 126, 1568-1591.	0.9	11
612	Modelling the functional roles of synaptic and extra-synaptic \hat{I}^3 -aminobutyric acid receptor dynamics in circadian timekeeping. Journal of the Royal Society Interface, 2021, 18, 20210454.	1.5	3
613	Stereological estimations and neurochemical characterization of neurons expressing GABAA and GABAB receptors in the rat pedunculopontine and laterodorsal tegmental nuclei. Brain Structure and Function, 2022, 227, 89-110.	1.2	0
614	GABA _A receptors in GtoPdb v.2021.3. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, .	0.2	3
615	Selective actions of benzodiazepines at the transmembrane anaesthetic binding sites of the GABA _A receptor: <i>In vitro</i> and <i>In vivo</i> studies. British Journal of Pharmacology, 2021, 178, 4842-4858.	2.7	8
616	Sustained treatment with an $\hat{l}\pm 5$ GABA A receptor negative allosteric modulator delays excitatory circuit development while maintaining GABAergic neurotransmission. Neuropharmacology, 2021, 197, 108724.	2.0	3
617	Possible influence of neurosteroids in the anxiolytic effects of alpha-casozepine. Medical Hypotheses, 2021, 155, 110655.	0.8	0
618	Hippocampal \hat{l}^2 2-GABA _A receptors mediate LTP suppression by etomidate and contribute to long-lasting feedback but not feedforward inhibition of pyramidal neurons. Journal of Neurophysiology, 2021, 126, 1090-1100.	0.9	6
619	Systemic LPS-induced microglial activation results in increased GABAergic tone: A mechanism of protection against neuroinflammation in the medial prefrontal cortex in mice. Brain, Behavior, and Immunity, 2022, 99, 53-69.	2.0	37
620	GABAB-Receptor Agonist-Based Immunotherapy for Type 1 Diabetes in NOD Mice. Biomedicines, 2021, 9, 43.	1.4	9
621	Tranquilizers/Anxiolytics: Pharmacology and Biochemistry of Anxiolytic Drugs Acting Via GABAergic Mechanisms. , 2021, , 1-18.		0
622	The $\hat{l}\pm 3$ subunit of GABAA receptors promotes formation of inhibitory synapses in the absence of collybistin. Journal of Biological Chemistry, 2021, 296, 100709.	1.6	3
624	Extrasynaptic GABAA Receptors and Tonic Inhibition in Spinal Cord. Receptors, 2014, , 155-178.	0.2	2
625	Distribution of GABAA Receptor Subunits in the Human Brain. , 2010, , 73-93.		7
626	Chemotherapy and Drug Resistance in Schistosomiasis and Other Trematode and Cestode Infections. , 2017, , 705-734.		5
627	Pharmacology of GABA and Its Receptors. , 2020, , 241-292.		6
628	Synthesis and pharmacological evaluation of neurosteroid photoaffinity ligands. European Journal of Medicinal Chemistry, 2017, 136, 334-347.	2.6	12
629	Drug-selective Anesthetic Insensitivity of Zebrafish Lacking \hat{I}^3 -Aminobutyric Acid Type A Receptor \hat{I}^2 3 Subunits. Anesthesiology, 2019, 131, 1276-1291.	1.3	15

#	Article	IF	Citations
630	Structural Studies of the Actions of Anesthetic Drugs on the \hat{I}^3 -Aminobutyric Acid Type A Receptor. Anesthesiology, 2011, 115, 1338-1348.	1.3	13
631	Two Etomidate Sites in $\hat{l}\pm1\hat{l}^22\hat{l}^32$ \hat{l}^3 -Aminobutyric Acid Type A Receptors Contribute Equally and Noncooperatively to Modulation of Channel Gating. Anesthesiology, 2012, 116, 1235-1244.	1.3	23
636	Heterogeneous expression of GABA receptorâ€like subunits LCCH3 and GRD reveals functional diversity of GABA receptors in the honeybee <scp><i>Apis mellifera</i></scp> . British Journal of Pharmacology, 2020, 177, 3924-3940.	2.7	15
637	The STARS Phase 2 Study. Neurology, 2021, 96, e1024-e1035.	1.5	12
638	Expression of GABAergic Receptors in Mouse Taste Receptor Cells. PLoS ONE, 2010, 5, e13639.	1.1	22
639	Complex Control of GABA(A) Receptor Subunit mRNA Expression: Variation, Covariation, and Genetic Regulation. PLoS ONE, 2012, 7, e34586.	1.1	65
640	GABA Maintains the Proliferation of Progenitors in the Developing Chick Ciliary Marginal Zone and Non-Pigmented Ciliary Epithelium. PLoS ONE, 2012, 7, e36874.	1.1	13
641	Scaling Proprioceptor Gene Transcription by Retrograde NT3 Signaling. PLoS ONE, 2012, 7, e45551.	1.1	15
642	GABAergic Control of Critical Developmental Periods for Anxiety- and Depression-Related Behavior in Mice. PLoS ONE, 2012, 7, e47441.	1.1	37
643	Partial Agonism of Taurine at Gamma-Containing Native and Recombinant GABAA Receptors. PLoS ONE, 2013, 8, e61733.	1.1	22
644	Generation of Recombinant Antibodies to Rat GABAA Receptor Subunits by Affinity Selection on Synthetic Peptides. PLoS ONE, 2014, 9, e87964.	1.1	5
645	Functional Characterization of the 1,5-Benzodiazepine Clobazam and Its Major Active Metabolite N-Desmethylclobazam at Human GABAA Receptors Expressed in Xenopus laevis Oocytes. PLoS ONE, 2015, 10, e0120239.	1.1	22
646	The GLP-1 Receptor Agonist Exendin-4 and Diazepam Differentially Regulate GABAA Receptor-Mediated Tonic Currents in Rat Hippocampal CA3 Pyramidal Neurons. PLoS ONE, 2015, 10, e0124765.	1.1	21
647	High-level production and purification in a functional state of an extrasynaptic gamma-aminobutyric acid type A receptor containing $\hat{l}\pm4\hat{l}^23\hat{l}'$ subunits. PLoS ONE, 2018, 13, e0191583.	1.1	4
648	Regulating hippocampal hyperexcitability through GABAB Receptors. Physiological Reports, 2014, 2, e00278-e00278.	0.7	24
649	Temporal Regulation of GABAA Receptor Subunit Expression: Role in Synaptic and Extrasynaptic Communication in the Suprachiasmatic Nucleus. ENeuro, 2017, 4, ENEURO.0352-16.2017.	0.9	18
650	GABA _A Receptors Are Well Preserved in the Hippocampus of Aged Mice. ENeuro, 2019, 6, ENEURO.0496-18.2019.	0.9	22
651	Interaction between the serotoninergic and GABAergic systems in frog retina as revealed by electroretinogram. Acta Neurobiologiae Experimentalis, 2017, 77, 351-361.	0.4	5

#	ARTICLE	IF	CITATIONS
652	Extrasynaptic GABA _A Receptors in the Brainstem and Spinal Cord: Structure and Function. Current Pharmaceutical Design, 2013, 19, 4485-4497.	0.9	30
653	GABA Receptors: Pharmacological Potential and Pitfalls. Current Pharmaceutical Design, 2015, 21, 4943-4959.	0.9	100
654	Role of Lacosamide in Preventing Pentylenetetrazole Kindling-Induced Alterations in the Expression of the Gamma-2 Subunit of the GABAA Receptor in Rats. Current Molecular Pharmacology, 2020, 13, 251-260.	0.7	6
655	Propoxazepam conformation and its orientation in the GABAA-receptor binding site. Ukrainian Biopharmaceutical Journal, 2018, .	0.1	2
656	Inhibition of $\hat{l}\pm 5$ GABAA receptors has preventive but not therapeutic effects on isoflurane-induced memory impairment in aged rats. Neural Regeneration Research, 2019, 14, 1029.	1.6	10
658	TMEM16B regulates anxiety-related behavior and GABAergic neuronal signaling in the central lateral amygdala. ELife, 2019, 8, .	2.8	17
659	Sistema gabaérgico y canales iónicos. , 2011, , 71-94.		0
660	GABAerge und glycinerge Systeme. Springer-Lehrbuch, 2012, , 116-119.	0.1	0
661	Anxiolytika, Hypnotika, Sedativa. Springer-Lehrbuch, 2012, , 260-271.	0.1	0
662	Anxiolytic-like Effects of the Methanol Extract of Sophorae Fructus. Korean Journal of Food Preservation, 2012, 19, 767-773.	0.2	0
663	Extrasynaptic GABAA Receptors. , 2014, , 1-14.		6
664	The Role of Peri-synaptic GABA Receptors After Stroke. Receptors, 2014, , 179-205.	0.2	1
666	Subunits of Gamma-Aminobutyric Acid Receptors and their Roles in Neuropsychological Disorders. The Neuroscience Journal of Shefaye Khatam, 2014, 2, 70-80.	0.4	0
667	The Search for Incapacitants. , 2015, , 110-122.		0
668	GABAerge und glycinerge Systeme. Springer-Lehrbuch, 2016, , 129-133.	0.1	0
669	Ectoparasiticides: Antagonists and Modulators of Chloride Channels. , 2016, , 838-846.		0
670	Anxiolytika, Hypnotika, Sedativa. Springer-Lehrbuch, 2016, , 291-302.	0.1	0
674	Interactions between the Serotoninergic System and the Ionotropic GABA Receptors in Frog and Turtle Retina: An Immunofluorescent Study. Journal of Advances in Molecular Biology, 2018, 2, .	0.2	0

#	ARTICLE	IF	Citations
677	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
678	Modern views on treatment of premenstrual syndrome. Medical Alphabet, 2019, 3, 18-23.	0.0	1
679	GABAerge und glycinerge Systeme. , 2020, , 137-141.		0
681	GABA and Glutamate Imbalance in Autism and Their Reversal as Novel Hypothesis for Effective Treatment Strategy. Autism and Developmental Disorders, 2020, 18, 46-63.	0.6	10
682	Burning mouth syndrome: An update. Cephalalgia Reports, 2020, 3, 251581632097014.	0.2	9
683	The distinctive assembly pattern of $\hat{l}\mu$ subunit in ternary $\hat{l}\pm1\hat{l}^23\hat{l}\mu$ and binary $\hat{l}^23\hat{l}\mu$ GABAA receptors. Journal of Cellular Neuroscience and Oxidative Stress, 2020, 11, 874-884.	0.1	0
685	Photopharmacology of Ion Channels through the Light of the Computational Microscope. International Journal of Molecular Sciences, 2021, 22, 12072.	1.8	6
686	Quantitative Analysis of GABAA Gamma Receptor Subunits in the Developing Embryonic Chick Forebrain. Iranian Journal of Basic Medical Sciences, 2012, 15, 1097-101.	1.0	2
687	Expression of gamma-aminobutyric acid type A receptor $\hat{l}\pm2$ subunit in the dorsal root ganglion of rats with sciatic nerve injury. Neural Regeneration Research, 2012, 7, 2492-9.	1.6	10
688	GABAAα1 and GABAAϕ1 subunits are expressed in cultured human RPE cells and GABAA receptor agents modify the intracellular calcium concentration. Molecular Vision, 2015, 21, 939-47.	1.1	5
689	Essential Tremor: What We Can Learn from Current Pharmacotherapy. Tremor and Other Hyperkinetic Movements, 2016, 6, 356.	1.1	12
690	Hypothermic activity of acetaminophen; involvement of GABAA receptor, theoretical and experimental studies. Iranian Journal of Basic Medical Sciences, 2016, 19, 470-5.	1.0	2
691	Some effects of a chrysin bromide-derivative on GABA-A receptors and on Caenorhabditis elegans. MicroPublication Biology, 2019, 2019, .	0.1	0
692	Prenatal stress increased Î ³ 2 GABAA receptor subunit gene expression in hippocampus and potentiated pentylenetetrazol-induced seizure in rats. Iranian Journal of Basic Medical Sciences, 2020, 23, 724-729.	1.0	3
693	The orally bioavailable imidazodiazepine, KRM-II-81, is a novel potentiator of $\hat{l}\pm2/3$ -containing GABAA receptors with analgesic efficacy., 2022,, 117-127.		2
694	GABAkines – Advances in the discovery, development, and commercialization of positive allosteric modulators of GABAA receptors. , 2022, 234, 108035.		48
695	Genetic Code Expansion and Click-Chemistry Labeling to Visualize GABA-A Receptors by Super-Resolution Microscopy. Frontiers in Synaptic Neuroscience, 2021, 13, 727406.	1.3	4
696	GABAA Receptor Subunit Composition Drives Its Sensitivity to the Insecticide Fipronil. Frontiers in Neuroscience, 2021, 15, 768466.	1.4	3

#	Article	IF	CITATIONS
697	GABA and Synaptic Transmission in the Cerebellum. , 2022, , 957-970.		0
698	Median raphe region GABAergic neurons contribute to social interest in mouse. Life Sciences, 2022, 289, 120223.	2.0	7
699	Therapeutic potential of GABAA receptor subunit expression abnormalities in fragile X syndrome. Expert Review of Precision Medicine and Drug Development, 0, , 1-16.	0.4	2
700	Gabaergic Interneurons in Early Brain Development: Conducting and Orchestrated by Cortical Network Activity. Frontiers in Molecular Neuroscience, 2021, 14, 807969.	1.4	20
701	Synthetic neuroactive steroids as new sedatives and anaesthetics: Back to the future. Journal of Neuroendocrinology, 2022, 34, e13086.	1.2	7
702	Neurosteroids and status epilepticus. Current Opinion in Endocrine and Metabolic Research, 2022, 22, 100311.	0.6	0
703	Synthesis of novel thiazolidinic-phthalimide derivatives evaluated as new multi-target antiepileptic agents. Bioorganic Chemistry, 2022, 119, 105548.	2.0	6
704	Evaluation of site-selective drug effects on GABA receptors using nanovesicle-carbon nanotube hybrid devices. Biosensors and Bioelectronics, 2022, 200, 113903.	5.3	0
705	Different Peas in the Same Pod: The Histaminergic Neuronal Heterogeneity. Current Topics in Behavioral Neurosciences, 2021, , .	0.8	1
706	The Epilepsies., 2022,,.		0
707	Eszopiclone and Zolpidem Produce Opposite Effects on Hippocampal Ripple Density. Frontiers in Pharmacology, 2021, 12, 792148.	1.6	2
708	Applications of human induced pluripotent stem cell and human embryonic stem cell models for substance use disorders., 2022, , 153-177.		1
709	A developmental reduction of the excitation:inhibition ratio in association cortex during adolescence. Science Advances, 2022, 8, eabj8750.	4.7	22
710	GABA-A Receptor Positive Allosteric Modulators as a Novel Approach to Treating Depression: A Review of Available Data. Touch Reviews in Neurology, 2021, 17, 77.	0.1	1
712	GABAA Receptor Autoantibodies Decrease GABAergic Synaptic Transmission in the Hippocampal CA3 Network. International Journal of Molecular Sciences, 2022, 23, 3707.	1.8	6
713	Sevoflurane ameliorates schizophrenia in a mouse model and patients: pre-clinical and clinical feasibility study. Current Neuropharmacology, 2022, 20, .	1.4	2
714	The seizureâ€inducing plastic explosive <scp>RDX</scp> inhibits the <i>î±</i> 1 <i>î²</i> 2 <i>î³</i> 2 <scp>GABA _A </scp> receptor. Annals of Clinical and Translational Neurology, 2022, , .	1.7	5
715	A Review of Neuroreceptors for Clinical and Experimental Neuropharmacology in Central Nervous System Disorders. Current Reviews in Clinical and Experimental Pharmacology, 2023, 18, 192-241.	0.4	2

#	Article	IF	Citations
716	Postweaning positive modulation of <scp>α5GABAA</scp> receptors improves autismâ€ike features in prenatal valproate rat model in a sexâ€specific manner. Autism Research, 2022, 15, 806-820.	2.1	4
717	Polycystic Ovary Syndrome and the Neuroendocrine Consequences of Androgen Excess. , 2022, 12, 3347-3369.		3
718	Intranasal delivery of pro-resolving lipid mediators rescues memory and gamma oscillation impairment in AppNL-G-F/NL-G-F mice. Communications Biology, 2022, 5, 245.	2.0	25
719	Interrogating the function of GABAA receptors in the brain with optogenetic pharmacology. Current Opinion in Pharmacology, 2022, 63, 102198.	1.7	2
720	Transcriptome comparative analysis of ovarian follicles reveals the key genes and signaling pathways implicated in hen egg production. BMC Genomics, 2021, 22, 899.	1.2	16
721	CO2 induced seawater acidification impacts survival and development of European eel embryos. PLoS ONE, 2022, 17, e0267228.	1.1	2
741	Knockdown of GABAA alpha3 subunits on thalamic reticular neurons enhances deep sleep in mice. Nature Communications, 2022, 13, 2246.	5.8	14
742	Can GABAkines quiet the noise? The GABAA receptor neurobiology and pharmacology of tinnitus. Biochemical Pharmacology, 2022, 201, 115067.	2.0	3
743	Shisa7 phosphorylation regulates GABAergic transmission and neurodevelopmental behaviors. Neuropsychopharmacology, 2022, 47, 2160-2170.	2.8	5
744	Why won't it stop? The dynamics of benzodiazepine resistance in status epilepticus. Nature Reviews Neurology, 2022, 18, 428-441.	4.9	31
745	Multiparameter Optimization of Naphthyridine Derivatives as Selective α5-GABA _A Receptor Negative Allosteric Modulators. Journal of Medicinal Chemistry, 2022, 65, 7876-7895.	2.9	4
746	The Development of GABAergic Network in Depression in Recent 17 Years: A Visual Analysis Based on CiteSpace and VOSviewer. Frontiers in Psychiatry, 2022, 13, .	1.3	9
747	Circuits and components of delta wave regulation. Brain Research Bulletin, 2022, 188, 223-232.	1.4	8
748	Positive Allosteric Modulation of α5-GABAA Receptors Reverses Stress-Induced Alterations in Dopamine System Function and Prepulse Inhibition of Startle. International Journal of Neuropsychopharmacology, 2022, 25, 688-698.	1.0	5
749	Astrocytes: GABAceptive and GABAergic Cells in the Brain. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	19
751	Molecular Pathophysiological Mechanisms in Huntington's Disease. Biomedicines, 2022, 10, 1432.	1.4	29
752	Virally-Induced Expression of GABA _A Receptor δSubunits Following Their Pathological Loss Reveals Their Role in Regulating GABA _A Receptor Assembly. SSRN Electronic Journal, O, , .	0.4	0
753	Activation of $\hat{l}\pm 6$ -containing GABAA receptors induces antinociception under physiological and pathological conditions. Pain, 2022, Publish Ahead of Print, .	2.0	2

#	Article	IF	CITATIONS
754	Insights into the molecular mechanism of triazolopyrimidinone derivatives effects on the modulation of $\hat{l}\pm1\hat{l}^22\hat{l}^32$ subtype of GABAA receptor: An in silico approach. Archives of Biochemistry and Biophysics, 2022, 729, 109380.	1.4	2
755	\hat{l}^2 subunits of GABAA receptors form proton-gated chloride channels: Insights into the molecular basis. Communications Biology, 2022, 5, .	2.0	1
756	Virally-induced expression of GABAA receptor $\hat{\Gamma}$ subunits following their pathological loss reveals their role in regulating GABAA receptor assembly. Progress in Neurobiology, 2022, 218, 102337.	2.8	3
757	Targeting prefrontal cortex GABAergic microcircuits for the treatment of alcohol use disorder. Frontiers in Synaptic Neuroscience, 0, 14, .	1.3	12
758	GABAergic signaling beyond synapses: an emerging target for cancer therapy. Trends in Cell Biology, 2023, 33, 403-412.	3.6	15
759	The role of GABA in islet function. Frontiers in Endocrinology, 0, 13, .	1.5	21
761	GABA facilitates spike propagation through branch points of sensory axons in the spinal cord. Nature Neuroscience, 2022, 25, 1288-1299.	7.1	21
762	<scp><i>GABRG1</i></scp> variant as a potential novel cause of epileptic encephalopathy, hypotonia, and global developmental delay. American Journal of Medical Genetics, Part A, 2022, 188, 3546-3549.	0.7	3
763	Analyzing the mechanisms that facilitate the subtype-specific assembly of \hat{l}^3 -aminobutyric acid type A receptors. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	2
764	A GABA-receptor agonist reduces pneumonitis severity, viral load, and death rate in SARS-CoV-2-infected mice. Frontiers in Immunology, 0, 13 , .	2.2	7
765	Shisa7-Dependent Regulation of GABA _A Receptor Single-Channel Gating Kinetics. Journal of Neuroscience, 2022, 42, 8758-8766.	1.7	2
767	Abnormal Expression of Synaptic and Extrasynaptic GABAA Receptor Subunits in the Dystrophin-Deficient mdx Mouse. International Journal of Molecular Sciences, 2022, 23, 12617.	1.8	0
768	Chloride transporters controlling neuronal excitability. Physiological Reviews, 2023, 103, 1095-1135.	13.1	14
769	Neurosteroids (allopregnanolone) and alcohol use disorder: From mechanisms to potential pharmacotherapy., 2022, 240, 108299.		6
770	Anti-seizure mechanisms of midazolam and valproate at the $\hat{I}^22(L51M)$ variant of the GABAA receptor. Neuropharmacology, 2022, 221, 109295.	2.0	0
771	Tranquilizers/Anxiolytics: Pharmacology and Biochemistry of Anxiolytic Drugs Acting via GABAergic Mechanisms. , 2022, , 2053-2070.		0
772	The Neural Synapse. , 2022, , 107-146.		0
773	Novel imidazo $[1,5$ -a] quinoxaline derivatives: SAR, selectivity and modeling challenges en route to the identification of an $\hat{1}\pm 5$ -GABAA receptor NAM. Bioorganic and Medicinal Chemistry Letters, 2023, 80, 129107.	1.0	0

#	Article	IF	Citations
774	Advances and Challenges of Cannabidiol as an Anti-Seizure Strategy: Preclinical Evidence. International Journal of Molecular Sciences, 2022, 23, 16181.	1.8	4
775	Loss of CDKL5 Causes Synaptic GABAergic Defects That Can Be Restored with the Neuroactive Steroid Pregnenolone-Methyl-Ether. International Journal of Molecular Sciences, 2023, 24, 68.	1.8	3
776	Clptm1, a new target in suppressing epileptic seizure by regulating <scp>GABA_AR</scp> â€mediated inhibitory synaptic transmission in a <scp>PTZ</scp> â€induced epilepsy model. Kaohsiung Journal of Medical Sciences, 2023, 39, 61-69.	0.8	2
777	Identification of Triazolopyridines as Selective α5-GABA _A Receptor Negative Allosteric Modulators by a Hybridization Approach. ACS Chemical Neuroscience, 0, , .	1.7	1
778	Recent advances of \hat{l}^3 -aminobutyric acid: Physiological and immunity function, enrichment, and metabolic pathway. Frontiers in Nutrition, 0, 9, .	1.6	16
779	Role of Neuromodulators in Regulation of the Tumor Microenvironment of Gastric and Colorectal Cancers. , 2022, , 151-186.		0
780	Designer Benzodiazepines: Effects, Toxicity, and Interactions. Therapeutic Drug Monitoring, 2023, 45, 494-507.	1.0	1
781	General anesthetic binding mode via hydration with weak affinity and molecular discrimination: General anesthetic dissolution in interfacial water of the common binding site of GABA _A receptor. Biophysics and Physicobiology, 2023, 20, n/a.	0.5	1
782	DARK Classics in Chemical Neuroscience: Methaqualone. ACS Chemical Neuroscience, 2023, 14, 340-350.	1.7	4
783	The GABA and GABA-Receptor System in Inflammation, Anti-Tumor Immune Responses, and COVID-19. Biomedicines, 2023, 11, 254.	1.4	10
784	Ablation of Gabra5 Influences Corticosterone Levels and Anxiety-Like Behavior in Mice. Genes, 2023, 14, 285.	1.0	0
785	<scp>Fundamental Neurochemistry Review: GABA_A</scp> receptor neurotransmission and epilepsy: Principles, disease mechanisms and pharmacotherapy. Journal of Neurochemistry, 2023, 165, 6-28.	2.1	10
786	GABA Pathways and Receptors. , 2023, , 191-195.		0
787	GABAergic signaling as a potential therapeutic target in cancers. Biomedicine and Pharmacotherapy, 2023, 161, 114410.	2.5	3
788	A neolignan from Connarus tuberosus as an allosteric GABAA receptor modulator at the neurosteroid binding site. Biomedicine and Pharmacotherapy, 2023, 161, 114498.	2.5	0
789	Association of GABA receptor delta subunit gene variations with increased risk of methamphetamine dependence. Neuroscience Letters, 2023, 800, 137137.	1.0	1
790	Intraperitoneal Administration of Etizolam Improves Locomotor Function in Mice After Spinal Cord Injury. Neurotrauma Reports, 2023, 4, 82-96.	0.5	0
791	Gamma-aminobutyric acid type A receptor alpha 4 coordinates autophagy, inflammation, and immunometabolism to promote innate immune activation. , 2023, 2, .		2

#	Article	IF	CITATIONS
792	NMDARs regulate the excitatory-inhibitory balance within neural circuits. Brain Science Advances, 2023, 9, 3-14.	0.3	2
793	Changes in Memory, Sedation, and Receptor Kinetics Imparted by the \hat{I}^2 2-N265M and \hat{I}^2 3-N265M GABAA Receptor Point Mutations. International Journal of Molecular Sciences, 2023, 24, 5637.	1.8	1
794	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) causes seizure activity in larval zebrafish via antagonism of \hat{l}^3 -aminobutyric acid type A receptor $\hat{l}\pm 1\hat{l}^22\hat{l}^32$. Archives of Toxicology, 2023, 97, 1355-1365.	1.9	0
795	Disturbed circadian rhythm and retinal degeneration in a mouse model of Alzheimer's disease. Acta Neuropathologica Communications, 2023, 11, .	2.4	4
796	Functional properties of GABAA receptors of All amacrine cells of the rat retina. Frontiers in Ophthalmology, 0, 3, .	0.2	0
797	The potential role of astroglial <scp> GABA _A </scp> receptors in autoimmune encephalitis associated with <scp> GABA _A </scp> receptor antibodies and seizures. Epilepsia Open, 0, , .	1.3	0
805	Understanding the mechanism of action and clinical effects of neuroactive steroids and GABAergic compounds in major depressive disorder. Translational Psychiatry, 2023, 13, .	2.4	11
836	Reducing the harms of alcohol: nutritional interventions and functional alcohol alternatives. International Review of Neurobiology, 2024, , 241-276.	0.9	0