# Bernhard Bettler

List of Publications by Year
in descending order

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| 195 | 21,010 | 9234 | 10127 |
| --- | --- | --- | --- |
| papers | citations | 74 h-index | 140 g-index |

| 204 | 204 | 204 | 14422 |
| --- | --- | --- | --- |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Impaired bidirectional communication between interneurons and oligodendrocyte precursor cells affects social cognitive behavior. Nature Communications, 2022, 13, 1394. | 5.8 | 28 |
| 2 | GABAB receptor auxiliary subunits modulate Cav2.3-mediated release from medial habenula terminals. ELife, 2021, 10, . | 2.8 | 12 |
| 3 | COR758, a negative allosteric modulator of GABAB receptors. Neuropharmacology, 2021, 189, 108537. | 2.0 | 6 |
| 4 | Symmetric signal transduction and negative allosteric modulation of heterodimeric mGlu1/5 receptors. Neuropharmacology, 2021, 190, 108426. | 2.0 | 13 |
| 5 | GABAB receptor signaling in the caudate putamen is involved in binge-like consumption during a high fat diet in mice. Scientific Reports, 2021, 11, 19296. | 1.6 | 2 |
| 6 | THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G proteinâ€coupled receptors. British Journal of Pharmacology, 2021, 178, S27-S156. | 2.7 | 337 |
| 7 | The organizing principle of GABA<sub>B</sub> receptor complexes: Physiological and pharmacological implications. Basic and Clinical Pharmacology and Toxicology, 2020, 126, 25-34. | 1.2 | 29 |
| 8 | Pianp deficiency links GABAB receptor signaling and hippocampal and cerebellar neuronal cell composition to autism-like behavior. Molecular Psychiatry, 2020, 25, 2979-2993. | 4.1 | 13 |
| 9 | Reduction in the neuronal surface of post and presynaptic GABA<sub>B</sub> receptors in the hippocampus in a mouse model of Alzheimer's disease. Brain Pathology, 2020, 30, 554-575. | 2.1 | 22 |
| 10 | Targeting receptor complexes: a new dimension in drug discovery. Nature Reviews Drug Discovery, 2020, 19, 884-901. | 21.5 | 42 |
| 11 | Autism-like behavior in Pianp-deficient mice is associated with decreased neuronal Erdr1 expression and altered GABAB receptor signaling. Molecular Psychiatry, 2020, 25, 2645-2645. | 4.1 | 0 |
| 12 | Structural Basis of GABAB Receptor Regulation and Signaling. Current Topics in Behavioral Neurosciences, 2020, , 19-37. | 0.8 | 8 |
| 13 | Multiple failures in the lutenising hormone surge generating system in GABAB1KO female mice. Journal of Neuroendocrinology, 2019, 31, e12765. | 1.2 | 5 |
| 14 | GABAB Receptor Signaling in the Mesolimbic System Suppresses Binge-like Consumption of a High-Fat Diet. IScience, 2019, 20, 337-347. | 1.9 | 10 |
| 15 | THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G proteinâ€coupled receptors. British Journal of Pharmacology, 2019, 176, S21-S141. | 2.7 | 519 |
| 16 | Targeting the Î³-Aminobutyric Acid Type B (GABA<sub>B</sub>) Receptor Complex: Development of Inhibitors Targeting the K<sup>+</sup> Channel Tetramerization Domain (KCTD) Containing Proteins/GABA<sub>B</sub> Receptor Proteinâ€"Protein Interaction. Journal of Medicinal Chemistry, 2019, 62, 8819-8830. | 2.9 | 15 |
| 17 | Complex formation of APP with GABAB receptors links axonal trafficking to amyloidogenic processing. Nature Communications, 2019, 10, 1331. | 5.8 | 92 |
| 18 | GABAB receptors modulate morphine antinociception: Pharmacological and genetic approaches. Pharmacology Biochemistry and Behavior, 2019, 180, 11-21. | 1.3 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Constitutive activation of Notch2 signalling confers chemoresistance to neural stem cells via transactivation of fibroblast growth factor receptor-1. Stem Cell Research, 2019, 35, 101390. | 0.3 | 12 |
| 20 | GABA<sub>B</sub> receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, . | 0.2 | 0 |
| 21 | Interneuron-specific signaling evokes distinctive somatostatin-mediated responses in adult cortical astrocytes. Nature Communications, 2018, 9, 82. | 5.8 | 88 |
| 22 | Rimonabant, a potent CB1 cannabinoid receptor antagonist, is a GÎ±i/o protein inhibitor. Neuropharmacology, 2018, 133, 107-120. | 2.0 | 21 |
| 23 | Nicotineâ€induced molecular alterations are modulated by <scp>GABA<sub>B</sub></scp> receptor activity. Addiction Biology, 2018, 23, 230-246. | 1.4 | 14 |
| 24 | Differential association of GABAB receptors with their effector ion channels in Purkinje cells. Brain Structure and Function, 2018, 223, 1565-1587. | 1.2 | 27 |
| 25 | GABAB receptor subtypes differentially regulate thalamic spindle oscillations. Neuropharmacology, 2018, 136, 106-116. | 2.0 | 14 |
| 26 | A tribute to Norman G Bowery. Neuropharmacology, 2018, 136, 1-2. | 2.0 | 1 |
| 27 | Parvalbumin-Interneuron Output Synapses Show Spike-Timing-Dependent Plasticity that Contributes to Auditory Map Remodeling. Neuron, 2018, 99, 720-735.e6. | 3.8 | 45 |
| 28 | KCTD12 Auxiliary Proteins Modulate Kinetics of GABA<sub>B</sub>Receptor-Mediated Inhibition in Cholecystokinin-Containing Interneurons. Cerebral Cortex, 2017, 27, bhw090. | 1.6 | 19 |
| 29 | Circuit specificity in the inhibitory architecture of the VTA regulates cocaine-induced behavior. Nature Neuroscience, 2017, 20, 438-448. | 7.1 | 108 |
| 30 | Blunted 5-HT1A receptor-mediated responses and antidepressant-like behavior in mice lacking the GABAB1a but not GABAB1b subunit isoforms. Psychopharmacology, 2017, 234, 1511-1523. | 1.5 | 9 |
| 31 | Ionotropic AMPA-type glutamate and metabotropic GABAB receptors: determining cellular physiology by proteomes. Current Opinion in Neurobiology, 2017, 45, 16-23. | 2.0 | 21 |
| 32 | Epilepsy and intellectual disability linked protein Shrm4 interaction with GABABRs shapes inhibitory neurotransmission. Nature Communications, 2017, 8, 14536. | 5.8 | 31 |
| 33 | KCTD Hetero-oligomers Confer Unique Kinetic Properties on Hippocampal GABA<sub>B</sub>Receptor-Induced K<sup>+</sup>Currents. Journal of Neuroscience, 2017, 37, 1162-1175. | 1.7 | 41 |
| 34 | Behavioural endophenotypes in mice lacking the auxiliary GABAB receptor subunit KCTD16. Behavioural Brain Research, 2017, 317, 393-400. | 1.2 | 14 |
| 35 | Activity-dependent switch of GABAergic inhibition into glutamatergic excitation in astrocyte-neuron networks. ELife, 2016, 5, . | 2.8 | 129 |
| 36 | Presynaptic GABAB Receptors Regulate Hippocampal Synapses during Associative Learning in Behaving Mice. PLoS ONE, 2016, 11, e0148800. | 1.1 | 16 |

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|---|---|---|---|
| 37 | Organization and functions of mGlu and GABAB receptor complexes. Nature, 2016, 540, 60-68. | 13.7 | 198 |
| 38 | Presynaptic Excitation via GABA B Receptors in Habenula Cholinergic Neurons Regulates Fear Memory Expression. Cell, 2016, 166, 716-728. | 13.5 | 132 |
| 39 | An Enzyme- and Serum-free Neural Stem Cell Culture Model for EMT Investigation Suited for Drug Discovery. Journal of Visualized Experiments, 2016, , . | 0.2 | 4 |
| 40 | GABAB receptor cell-surface export is controlled by an endoplasmic reticulum gatekeeper. Molecular Psychiatry, 2016, 21, 480-490. | 4.1 | 45 |
| 41 | Modular composition and dynamics of native GABAB receptors identified by high-resolution proteomics. Nature Neuroscience, 2016, 19, 233-242. | 7.1 | 120 |
| 42 | Differential roles of GABAB1 subunit isoforms on locomotor responses to acute and repeated administration of cocaine. Behavioural Brain Research, 2016, 298, 12-16. | 1.2 | 10 |
| 43 | A Tumor Suppressor Function for Notch Signaling in Forebrain Tumor Subtypes. Cancer Cell, 2015, 28, 730-742. | 7.7 | 85 |
| 44 | Altered emotionality and neuronal excitability in mice lacking KCTD12, an auxiliary subunit of GABAB receptors associated with mood disorders. Translational Psychiatry, 2015, 5, e510-e510. | 2.4 | 43 |
| 45 | GABA Blocks Pathological but Not Acute TRPV1 Pain Signals. Cell, 2015, 160, 759-770. | 13.5 | 119 |
| 46 | GABA <sub>B</sub> receptor deficiency causes failure of neuronal homeostasis in hippocampal networks. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3291-9. | 3.3 | 45 |
| 47 | Glutamate Input in the Dorsal Raphe Nucleus As a Determinant of Escalated Aggression in Male Mice. Journal of Neuroscience, 2015, 35, 6452-6463. | 1.7 | 47 |
| 48 | Mechanisms of Fast Desensitization of GABAB Receptor-Gated Currents. Advances in Pharmacology, 2015, 73, 145-165. | 1.2 | 5 |
| 49 | Pharmacological characterization of GABAB receptor subtypes assembled with auxiliary KCTD subunits. Neuropharmacology, 2015, 88, 145-154. | 2.0 | 33 |
| 50 | Trace amine-associated receptor 1 activation silences GSK3Î² signaling of TAAR1 and D2R heteromers. European Neuropsychopharmacology, 2015, 25, 2049-2061. | 0.3 | 103 |
| 51 | Lack of GABAB receptors modifies behavioural and biochemical alterations induced by precipitated nicotine withdrawal. Neuropharmacology, 2015, 90, 90-101. | 2.0 | 13 |
| 52 | GABA <sub>B(1)</sub> receptor subunit isoforms differentially regulate stress resilience. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15232-15237. | 3.3 | 77 |
| 53 | GABAB receptor phosphorylation regulates KCTD12-induced K+ current desensitization. Biochemical Pharmacology, 2014, 91, 369-379. | 2.0 | 27 |
| 54 | Effect of genetic and pharmacological blockade of <scp>GABA</scp> receptors on the 5â€<scp>HT</scp><sub>2C</sub> receptor function during stress. Journal of Neurochemistry, 2014, 131, 566-572. | 2.1 | 8 |

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|---|---|---|---|
| 55 | Impaired GABAB Receptor Signaling Dramatically Up-Regulates Kiss1 Expression Selectively in Nonhypothalamic Brain Regions of Adult but Not Prepubertal Mice. Endocrinology, 2014, 155, 1033-1044. | 1.4 | 44 |
| 56 | Deletion of GABAâ€B Receptor in Schwann Cells Regulates Remak Bundles and Small Nociceptive Câ€fibers. Glia, 2014, 62, 548-565. | 2.5 | 37 |
| 57 | Involvement of GABAB receptors in biochemical alterations induced by anxiety-related responses to nicotine in mice: Genetic and pharmacological approaches. Neuropharmacology, 2014, 81, 31-41. | 2.0 | 13 |
| 58 | GABA suppresses neurogenesis in the adult hippocampus through GABAB receptors. Development (Cambridge), 2014, 141, 83-90. | 1.2 | 92 |
| 59 | Auxiliary GABAB Receptor Subunits Uncouple G Protein Î²Î³ Subunits from Effector Channels to Induce Desensitization. Neuron, 2014, 82, 1032-1044. | 3.8 | 92 |
| 60 | GABA suppresses neurogenesis in the adult hippocampus through GABAB receptors. Journal of Cell Science, 2014, 127, e1-e1. | 1.2 | 1 |
| 61 | GABA Type B Receptor Signaling in Proopiomelanocortin Neurons Protects Against Obesity, Insulin Resistance, and Hypothalamic Inflammation in Male Mice on a High-Fat Diet. Journal of Neuroscience, 2013, 33, 17166-17173. | 1.7 | 51 |
| 62 | Activation of Presynaptic GABA<sub>B(1a,2)</sub>Receptors Inhibits Synaptic Transmission at Mammalian Inhibitory Cholinergic Olivocochlearâ€“Hair Cell Synapses. Journal of Neuroscience, 2013, 33, 15477-15487. | 1.7 | 28 |
| 63 | Constitutive Notch2 signaling induces hepatic tumors in mice. Hepatology, 2013, 57, 1607-1619. | 3.6 | 102 |
| 64 | Sex differences in insulin resistance in GABAB1 knockout mice. Life Sciences, 2013, 92, 175-182. | 2.0 | 10 |
| 65 | Distinct roles of GABA<sub>B1a</sub>â€•and GABA<sub>B1b</sub>â€containing GABA<sub>B</sub> receptors in spontaneous and evoked termination of persistent cortical activity. Journal of Physiology, 2013, 591, 835-843. | 1.3 | 52 |
| 66 | Differential GABAB-Receptor-Mediated Effects in Perisomatic- and Dendrite-Targeting Parvalbumin Interneurons. Journal of Neuroscience, 2013, 33, 7961-7974. | 1.7 | 43 |
| 67 | Lack of Functional GABA<sub>B</sub> Receptors Alters <b><i>Kiss1</i></b>, <b><i>Gnrh1 </i></b>and <b><i>Gad1</i></b> mRNA Expression in the Medial Basal Hypothalamus at Postnatal Day 4. Neuroendocrinology, 2013, 98, 212-223. | 1.2 | 30 |
| 68 | <scp>GABA<sub>B</sub></scp> receptor subtypes differentially modulate synaptic inhibition in the dentate gyrus to enhance granule cell output. British Journal of Pharmacology, 2013, 168, 1808-1819. | 2.7 | 23 |
| 69 | Up-regulation of GABAB Receptor Signaling by Constitutive Assembly with the K+ Channel Tetramerization Domain-containing Protein 12 (KCTD12). Journal of Biological Chemistry, 2013, 288, 24848-24856. | 1.6 | 33 |
| 70 | Postnatal development of the endocrine pancreas in mice lacking functional GABA<sub>B</sub>receptors. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E1064-E1076. | 1.8 | 5 |
| 71 | Opposite Effects of KCTD Subunit Domains on GABAB Receptor-mediated Desensitization. Journal of Biological Chemistry, 2012, 287, 39869-39877. | 1.6 | 46 |
| 72 | GABAergic Inhibition of Histaminergic Neurons Regulates Active Waking But Not the Sleepâ€“Wake Switch or Propofol-Induced Loss of Consciousness. Journal of Neuroscience, 2012, 32, 13062-13075. | 1.7 | 89 |

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| 73 | Constitutive Notch2 signaling in neural stem cells promotes tumorigenic features and astroglial lineage entry. Cell Death and Disease, 2012, 3, e325-e325. | 2.7 | 37 |
| 74 | Inhibition of Notch2 by Numb/Numblike controls myocardial compaction in the heart. Cardiovascular Research, 2012, 96, 276-285. | 1.8 | 63 |
| 75 | P.4.016 GABA-B1 receptor subunit isoforms differentially mediate susceptibility to depression-related behaviour following early-life stress. European Neuropsychopharmacology, 2012, 22, S96-S97. | 0.3 | 0 |
| 76 | Early-life stress induces visceral hypersensitivity in mice. Neuroscience Letters, 2012, 512, 99-102. | 1.0 | 63 |
| 77 | Regulation of neuronal GABAB receptor functions by subunit composition. Nature Reviews Neuroscience, 2012, 13, 380-394. | 4.9 | 280 |
| 78 | Acute behavioural responses to nicotine and nicotine withdrawal syndrome are modified in GABAB1 knockout mice. Neuropharmacology, 2012, 63, 863-872. | 2.0 | 33 |
| 79 | A Modified RMCE-Compatible Rosa26 Locus for the Expression of Transgenes from Exogenous Promoters. PLoS ONE, 2012, 7, e30011. | 1.1 | 61 |
| 80 | The oligomeric state sets GABA<sub>B</sub>receptor signalling efficacy. EMBO Journal, 2011, 30, 2336-2349. | 3.5 | 84 |
| 81 | Distribution of the auxiliary GABA<sub>B</sub> receptor subunits KCTD8, 12, 12b, and 16 in the mouse brain. Journal of Comparative Neurology, 2011, 519, 1435-1454. | 0.9 | 71 |
| 82 | Distribution of the auxiliary GABAB receptor subunits KCTD8, 12, 12b, and 16 in the mouse brain. Journal of Comparative Neurology, 2011, 519, spc1-spc1. | 0.9 | 0 |
| 83 | TAAR1 activation modulates monoaminergic neurotransmission, preventing hyperdopaminergic and hypoglutamatergic activity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8485-8490. | 3.3 | 287 |
| 84 | Compartmentalization of the GABA<sub>B</sub>Receptor Signaling Complex Is Required for Presynaptic Inhibition at Hippocampal Synapses. Journal of Neuroscience, 2011, 31, 12523-12532. | 1.7 | 42 |
| 85 | Molecular organization and dynamics of the melatonin MT1 receptor/RGS20/Gi protein complex reveal asymmetry of receptor dimers for RGS and Gi coupling. EMBO Journal, 2010, 29, 3646-3659. | 3.5 | 61 |
| 86 | Native GABAB receptors are heteromultimers with a family of auxiliary subunits. Nature, 2010, 465, 231-235. | 13.7 | 286 |
| 87 | NMDA receptor-dependent GABA <sub>B</sub> receptor internalization via CaMKII phosphorylation of serine 867 in GABA <sub>B1</sub>. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13924-13929. | 3.3 | 98 |
| 88 | The Sushi Domains of GABA<sub>B</sub>Receptors Function as Axonal Targeting Signals. Journal of Neuroscience, 2010, 30, 1385-1394. | 1.7 | 83 |
| 89 | Differential Effects of GABA<sub>B</sub>Receptor Subtypes, Î³-Hydroxybutyric Acid, and Baclofen on EEG Activity and Sleep Regulation. Journal of Neuroscience, 2010, 30, 14194-14204. | 1.7 | 94 |
| 90 | Lack of functional GABAB receptors alters GnRH physiology and sexual dimorphic expression of GnRH and GAD-67 in the brain. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E683-E696. | 1.8 | 35 |

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| 91 | GABAB Receptors: Physiological Functions and Mechanisms of Diversity. Advances in Pharmacology, 2010, 58, 231-255. | 1.2 | 142 |
| 92 | Correction for Matsuki et al., Selective loss of GABA <sub>B</sub> receptors in orexin-producing neurons results in disrupted sleep/wakefulness architecture. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8790-8790. | 3.3 | 0 |
| 93 | Selective loss of GABA <sub>B</sub> receptors in orexin-producing neurons results in disrupted sleep/wakefulness architecture. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4459-4464. | 3.3 | 115 |
| 94 | The selective antagonist EPPTB reveals TAAR1-mediated regulatory mechanisms in dopaminergic neurons of the mesolimbic system. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20081-20086. | 3.3 | 203 |
| 95 | No evidence for a bone phenotype in GPRC6A knockout mice under normal physiological conditions. Journal of Molecular Endocrinology, 2009, 42, 215-223. | 1.1 | 63 |
| 96 | Notch2 signaling promotes biliary epithelial cell fate specification and tubulogenesis during bile duct development in mice. Hepatology, 2009, 50, 871-879. | 3.6 | 112 |
| 97 | A mouse model for visualization of GABA<sub>B</sub> receptors. Genesis, 2009, 47, 595-602. | 0.8 | 13 |
| 98 | Loss of GABAB Receptors in Cochlear Neurons: Threshold Elevation Suggests Modulation of Outer Hair Cell Function by Type II Afferent Fibers. JARO - Journal of the Association for Research in Otolaryngology, 2009, 10, 50-63. | 0.9 | 30 |
| 99 | Subcellular compartmentâ€specific molecular diversity of preâ€and postâ€synaptic GABA<sub>B</sub>â€activated GIRK channels in Purkinje cells. Journal of Neurochemistry, 2009, 110, 1363-1376. | 2.1 | 65 |
| 100 | The GABA<sub>B1a</sub>Isoform Mediates Heterosynaptic Depression at Hippocampal Mossy Fiber Synapses. Journal of Neuroscience, 2009, 29, 1414-1423. | 1.7 | 54 |
| 101 | Conditional Gene Deletion Reveals Functional Redundancy of GABA<sub>B</sub> Receptors in Peripheral Nociceptors In Vivo. Molecular Pain, 2009, 5, 1744-8069-5-68. | 1.0 | 20 |
| 102 | Altered peripheral myelination in mice lacking GABAB receptors. Molecular and Cellular Neurosciences, 2008, 37, 599-609. | 1.0 | 38 |
| 103 | The Sushi Domains of Secreted GABAB1 Isoforms Selectively Impair GABAB Heteroreceptor Function. Journal of Biological Chemistry, 2008, 283, 31005-31011. | 1.6 | 34 |
| 104 | Trace Amine-Associated Receptor 1 Modulates Dopaminergic Activity. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 948-956. | 1.3 | 288 |
| 105 | Synapse Loss in Cortex of Agrin-Deficient Mice after Genetic Rescue of Perinatal Death. Journal of Neuroscience, 2007, 27, 7183-7195. | 1.7 | 103 |
| 106 | Complex Formation with the Type B Î³-Aminobutyric Acid Receptor Affects the Expression and Signal Transduction of the Extracellular Calcium-sensing Receptor. Journal of Biological Chemistry, 2007, 282, 25030-25040. | 1.6 | 73 |
| 107 | Editorial [Hot Topic: The Pros of Not Being Competitive (Allosteric Modulation of GPCRs) (Guest) Tj ETQq1 1 0.784314 rgBT /Overloc | 1.4 | 2 |
| 108 | Type B Î³-Aminobutyric Acid Receptors Modulate the Function of the Extracellular Ca2+-Sensing Receptor and Cell Differentiation in Murine Growth Plate Chondrocytes. Endocrinology, 2007, 148, 4984-4992. | 1.4 | 35 |

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| 109 | GluR7 is an essential subunit of presynaptic kainate autoreceptors at hippocampal mossy fiber synapses. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12181-12186. | 3.3 | 127 |
| 110 | Functional Mapping of GABAB-Receptor Subtypes in the Thalamus. Journal of Neurophysiology, 2007, 98, 3791-3795. | 0.9 | 21 |
| 111 | Specific roles of GABAB(1) receptor isoforms in cognition. Behavioural Brain Research, 2007, 181, 158-162. | 1.2 | 49 |
| 112 | GABAB receptors: synaptic functions and mechanisms of diversity. Current Opinion in Neurobiology, 2007, 17, 298-303. | 2.0 | 178 |
| 113 | Behavioral evaluation of mice deficient in GABAB(1) receptor isoforms in tests of unconditioned anxiety. Psychopharmacology, 2007, 190, 541-553. | 1.5 | 70 |
| 114 | Characteristics of GABAB Receptor Mutant Mice. , 2007, , 273-287. | | 1 |
| 115 | Adenohypophyseal and hypothalamic GABA B receptor subunits are downregulated by estradiol in adult female rats. Life Sciences, 2006, 79, 342-350. | 2.0 | 7 |
| 116 | Differential Compartmentalization and Distinct Functions of GABAB Receptor Variants. Neuron, 2006, 50, 589-601. | 3.8 | 289 |
| 117 | The GABAB1b Isoform Mediates Long-Lasting Inhibition of Dendritic Ca2+ Spikes in Layer 5 Somatosensory Pyramidal Neurons. Neuron, 2006, 50, 603-616. | 3.8 | 255 |
| 118 | Spinal nerve ligation does not alter the expression or function of GABAB receptors in spinal cord and dorsal root ganglia of the rat. Neuroscience, 2006, 138, 1277-1287. | 1.1 | 45 |
| 119 | Hyperdopaminergia and altered locomotor activity in GABAB1-deficient mice. Journal of Neurochemistry, 2006, 97, 979-991. | 2.1 | 54 |
| 120 | Generalization of amygdala LTP and conditioned fear in the absence of presynaptic inhibition. Nature Neuroscience, 2006, 9, 1028-1035. | 7.1 | 181 |
| 121 | Molecular diversity, trafficking and subcellular localization of GABAB receptors. , 2006, 110, 533-543. | | 143 |
| 122 | GABAB(1) Receptor Isoforms Differentially Mediate the Acquisition and Extinction of Aversive Taste Memories. Journal of Neuroscience, 2006, 26, 8800-8803. | 1.7 | 53 |
| 123 | Compartment-Dependent Colocalization of Kir3.2-Containing K+ Channels and GABAB Receptors in Hippocampal Pyramidal Cells. Journal of Neuroscience, 2006, 26, 4289-4297. | 1.7 | 131 |
| 124 | GABAB(1) Receptor Subunit Isoforms Exert a Differential Influence on Baseline but Not GABAB Receptor Agonist-Induced Changes in Mice. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 1317-1326. | 1.3 | 23 |
| 125 | Altered anxiety and depression-related behaviour in mice lacking GABAB(2) receptor subunits. NeuroReport, 2005, 16, 307-310. | 0.6 | 127 |
| 126 | Determination of the minimal functional ligand-binding domain of the GABAB(1b) receptor. Biochemical Journal, 2005, 386, 423-431. | 1.7 | 15 |

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| 127 | Expression of gamma-aminobutyric acid B receptor subunits in hypothalamus of male and female developing rats. Developmental Brain Research, 2005, 160, 124-129. | 2.1 | 19 |
| 128 | GABA<sub>B1</sub> Knockout Mice Reveal Alterations in Prolactin Levels, Gonadotropic Axis, and Reproductive Function. Neuroendocrinology, 2005, 82, 294-305. | 1.2 | 47 |
| 129 | The RXR-Type Endoplasmic Reticulum-Retention/Retrieval Signal of GABAB1 Requires Distant Spacing from the Membrane to Function. Molecular Pharmacology, 2005, 68, 137-144. | 1.0 | 48 |
| 130 | Subtype-selective Interaction with the Transcription Factor CCAAT/Enhancer-binding Protein (C/EBP) Homologous Protein (CHOP) Regulates Cell Surface Expression of GABAB Receptors. Journal of Biological Chemistry, 2005, 280, 33566-33572. | 1.6 | 34 |
| 131 | Molecular Structure and Physiological Functions of GABAB Receptors. Physiological Reviews, 2004, 84, 835-867. | 13.1 | 781 |
| 132 | Redistribution of GABAB(1) Protein and Atypical GABAB Responses in GABAB(2)-Deficient Mice. Journal of Neuroscience, 2004, 24, 6086-6097. | 1.7 | 213 |
| 133 | Behavioral Characterization of the Novel GABAB Receptor-Positive Modulator GS39783 (N,Nâ€²-Dicyclopentyl-2-methylsulfanyl-5-nitro-pyrimidine-4,6-diamine): Anxiolytic-Like Activity without Side Effects Associated with Baclofen or Benzodiazepines. Journal of Pharmacology and Experimental Therapeutics, 2004, 310, 952-963. | 1.3 | 203 |
| 134 | Ca2+ activity at GABAB receptors constitutively promotes metabotropic glutamate signaling in the absence of GABA. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16952-16957. | 3.3 | 104 |
| 135 | Altered hippocampal expression of calbindin-D-28k and calretinin in GABAB(1)-deficient mice. Biochemical Pharmacology, 2004, 68, 1613-1620. | 2.0 | 20 |
| 136 | Floxed allele for conditional inactivation of the GABAB(1)gene. Genesis, 2004, 40, 125-130. | 0.8 | 52 |
| 137 | Independent maturation of the GABAB receptor subunits GABAB1 and GABAB2 during postnatal development in rodent brain. Journal of Comparative Neurology, 2004, 477, 235-252. | 0.9 | 58 |
| 138 | Effect of Androgens on Sexual Differentiation of Pituitary Gamma-Aminobutyric Acid Receptor Subunit GABA<sub>B</sub> Expression. Neuroendocrinology, 2004, 80, 129-142. | 1.2 | 17 |
| 139 | The GABAB Receptor. , 2004, , 129-144. | | 3 |
| 140 | Ligands for expression cloning and isolation of GABAB receptors. Il Farmaco, 2003, 58, 173-183. | 0.9 | 18 |
| 141 | Specific gamma-hydroxybutyrate-binding sites but loss of pharmacological effects of gamma-hydroxybutyrate in GABAB(1)-deficient mice. European Journal of Neuroscience, 2003, 18, 2722-2730. | 1.2 | 175 |
| 142 | Altered expression of GABAB receptors in the hippocampus after kainic-acid-induced seizures in rats. Molecular Brain Research, 2003, 113, 107-115. | 2.5 | 40 |
| 143 | Recognition molecule associated carbohydrate inhibits postsynaptic GABAB receptors: a mechanism for homeostatic regulation of GABA release in perisomatic synapses. Molecular and Cellular Neurosciences, 2003, 24, 271-282. | 1.0 | 50 |
| 144 | GABAB Receptors as Potential Therapeutic Targets. CNS and Neurological Disorders, 2003, 2, 248-259. | 4.3 | 39 |

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| 145 | A Single Subunit (GB2) Is Required for G-protein Activation by the Heterodimeric GABAB Receptor. Journal of Biological Chemistry, 2002, 277, 3236-3241. | 1.6 | 175 |
| 146 | The Anticonvulsant Gabapentin (Neurontin) Does Not Act through Î³-Aminobutyric Acid-B Receptors. Molecular Pharmacology, 2002, 61, 1377-1384. | 1.0 | 99 |
| 147 | The Intracellular Loops of the GB2 Subunit Are Crucial for G-Protein Coupling of the Heteromeric Î³-Aminobutyrate B Receptor. Molecular Pharmacology, 2002, 62, 343-350. | 1.0 | 93 |
| 148 | International Union of Pharmacology. XXXIII. Mammalian gamma -Aminobutyric AcidB Receptors: Structure and Function. Pharmacological Reviews, 2002, 54, 247-264. | 7.1 | 523 |
| 149 | Distinct localization of GABABreceptors relative to synaptic sites in the rat cerebellum and ventrobasal thalamus. European Journal of Neuroscience, 2002, 15, 291-307. | 1.2 | 152 |
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