

Gongliang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,180
citations

516710

16
h-index

501196

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29
docs citations

29
times ranked

1973
citing authors

#	ARTICLE	IF	CITATIONS
1	The Rodent Hippocampus Is Essential for Nonspatial Object Memory. <i>Current Biology</i> , 2013, 23, 1685-1690.	3.9	260
2	The role of serotonin 5-HT _{2A} receptors in memory and cognition. <i>Frontiers in Pharmacology</i> , 2015, 6, 225.	3.5	213
3	Stimulation of serotonin 2A receptors facilitates consolidation and extinction of fear memory in C57BL/6J mice. <i>Neuropharmacology</i> , 2013, 64, 403-413.	4.1	123
4	Vitexin protects brain against ischemia/reperfusion injury via modulating mitogen-activated protein kinase and apoptosis signaling in mice. <i>Phytomedicine</i> , 2015, 22, 379-384.	5.3	65
5	Activation of corticotropin-releasing factor neurons and microglia in paraventricular nucleus precipitates visceral hypersensitivity induced by colorectal distension in rats. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 93-104.	4.1	52
6	Activation of serotonin 5-HT _{2C} receptor suppresses behavioral sensitization and naloxone-precipitated withdrawal symptoms in heroin-treated mice. <i>Neuroscience Letters</i> , 2015, 607, 23-28.	2.1	43
7	Hippocampal microglial activation and glucocorticoid receptor down-regulation precipitate visceral hypersensitivity induced by colorectal distension in rats. <i>Neuropharmacology</i> , 2016, 102, 295-303.	4.1	40
8	Activation of serotonin 5-HT _{2C} receptor suppresses behavioral sensitization and naloxone-precipitated withdrawal symptoms in morphine-dependent mice. <i>Neuropharmacology</i> , 2016, 101, 246-254.	4.1	39
9	Substance P promotes sleep in the ventrolateral preoptic area of rats. <i>Brain Research</i> , 2004, 1028, 225-232.	2.2	33
10	Toll-Like Receptor 4 in Paraventricular Nucleus Mediates Visceral Hypersensitivity Induced by Maternal Separation. <i>Frontiers in Pharmacology</i> , 2017, 8, 309.	3.5	28
11	Blockade of Serotonin 5-HT _{2A} Receptors Suppresses Behavioral Sensitization and Naloxone-Precipitated Withdrawal Symptoms in Morphine-Treated Mice. <i>Frontiers in Pharmacology</i> , 2016, 7, 514.	3.5	26
12	Characterization of serotonin-toxicity syndrome (toxidrome) elicited by 5-hydroxy-L-tryptophan in clorgyline-pretreated rats. <i>European Journal of Pharmacology</i> , 2008, 588, 198-206.	3.5	24
13	Enhanced responsivity of 5-HT _{2A} receptors at warm ambient temperatures is responsible for the augmentation of the 1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane (DOI)-induced hyperthermia. <i>Neuroscience Letters</i> , 2011, 490, 68-71.	2.1	23
14	Examination of the hippocampal contribution to serotonin 5-HT _{2A} receptor-mediated facilitation of object memory in C57BL/6J mice. <i>Neuropharmacology</i> , 2016, 109, 332-340.	4.1	23
15	Assessment of 5-hydroxytryptamine efflux in rat brain during a mild, moderate and severe serotonin-toxicity syndrome. <i>European Journal of Pharmacology</i> , 2009, 615, 66-75.	3.5	22
16	Vitexin exerts cardioprotective effect on chronic myocardial ischemia/reperfusion injury in rats via inhibiting myocardial apoptosis and lipid peroxidation. <i>American Journal of Translational Research</i> (discontinued), 2016, 8, 3319-28.	0.0	19
17	Microinjection of Adenosine into the Hypothalamic Ventrolateral Preoptic Area Enhances Wakefulness via the A ₁ Receptor in Rats. <i>Neurochemical Research</i> , 2013, 38, 1616-1623.	3.3	17
18	RIP3 S-nitrosylation contributes to cerebral ischemic neuronal injury. <i>Brain Research</i> , 2015, 1627, 165-176.	2.2	16

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19	Procaspase-9 induces its cleavage by transnitrosylating XIAP via the Thioredoxin system during cerebral ischemia-reperfusion in rats. <i>Scientific Reports</i> , 2016, 6, 24203.	3.3	16
20	Involvement of 5-HT _{2A} Receptors in the Serotonin (5-HT) Syndrome caused by Excessive 5-HT Efflux in Rat Brain. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 107, 830-841.	2.5	15
21	Chronic Stress Is Associated with Pain Precipitation and Elevation in DeltaFosb Expression. <i>Frontiers in Pharmacology</i> , 2016, 7, 138.	3.5	13
22	Development of a PC12 Cell Based Assay for Screening Catechol-O-methyltransferase Inhibitors. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4221-4226.	3.5	13
23	Membrane bound catechol-O-methyltransferase is the dominant isoform for dopamine metabolism in PC12 cells and rat brain. <i>European Journal of Pharmacology</i> , 2021, 896, 173909.	3.5	13
24	Novel, non-nitrocatechol catechol-O-methyltransferase inhibitors modulate dopamine neurotransmission in the frontal cortex and improve cognitive flexibility. <i>Psychopharmacology</i> , 2020, 237, 2695-2707.	3.1	10
25	Effect of a hallucinogenic serotonin 5-HT _{2A} receptor agonist on visually guided, hippocampal-dependent spatial cognition in C57BL/6J mice. <i>Hippocampus</i> , 2017, 27, 558-569.	1.9	8
26	Small-Conductance Ca ²⁺ -Activated K ⁺ Channel 2 in the Dorsal Horn of Spinal Cord Participates in Visceral Hypersensitivity in Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 840.	3.5	8
27	Post-weaning social isolation increases β FosB/FosB protein expression in sex-specific patterns in the prelimbic/infralimbic cortex and hippocampus in mice. <i>Neuroscience Letters</i> , 2021, 740, 135423.	2.1	8
28	Changes in Intensity of Serotonin Syndrome Caused by Adverse Interaction between Monoamine Oxidase Inhibitors and Serotonin Reuptake Blockers. <i>Neuropsychopharmacology</i> , 2014, 39, 1996-2007.	5.4	7