Gongliang Zhang

List of Publications by Year
in descending order

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28 papers	1,180 citations	516710 16 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	1973 citing authors

#	Article	IF	Citations
1	Post-weaning social isolation increases Î”FosB/FosB protein expression in sex-specific patterns in the prelimbic/infralimbic cortex and hippocampus in mice. Neuroscience Letters, 2021, 740, 135423.	2.1	8
2	Membrane bound catechol-O-methytransferase is the dominant isoform for dopamine metabolism in PC12 cells and rat brain. European Journal of Pharmacology, 2021, 896, 173909.	3.5	13
3	Novel, non-nitrocatechol catechol-O-methyltransferase inhibitors modulate dopamine neurotransmission in the frontal cortex and improve cognitive flexibility. Psychopharmacology, 2020, 237, 2695-2707.	3.1	10
4	Development of a PC12 Cell Based Assay for Screening Catechol-O-methyltransferase Inhibitors. ACS Chemical Neuroscience, 2019, 10, 4221-4226.	3.5	13
5	Small-Conductance Ca2+-Activated K+ Channel 2 in the Dorsal Horn of Spinal Cord Participates in Visceral Hypersensitivity in Rats. Frontiers in Pharmacology, 2018, 9, 840.	3.5	8
6	Effect of a hallucinogenic serotonin 5â€HT 2A receptor agonist on visually guided, hippocampalâ€dependent spatial cognition in C57BL/6J mice. Hippocampus, 2017, 27, 558-569.	1.9	8
7	Toll-Like Receptor 4 in Paraventricular Nucleus Mediates Visceral Hypersensitivity Induced by Maternal Separation. Frontiers in Pharmacology, 2017, 8, 309.	3.5	28
8	Chronic Stress Is Associated with Pain Precipitation and Elevation in DeltaFosb Expression. Frontiers in Pharmacology, 2016, 7, 138.	3.5	13
9	Blockade of Serotonin 5-HT2A Receptors Suppresses Behavioral Sensitization and Naloxone-Precipitated Withdrawal Symptoms in Morphine-Treated Mice. Frontiers in Pharmacology, 2016, 7, 514.	3.5	26
10	Examination of the hippocampal contribution to serotonin 5-HT2A receptor-mediated facilitation of object memory in C57BL/6J mice. Neuropharmacology, 2016, 109, 332-340.	4.1	23
11	Procaspase-9 induces its cleavage by transnitrosylating XIAP via the Thioredoxin system during cerebral ischemia-reperfusion in rats. Scientific Reports, 2016, 6, 24203.	3.3	16
12	Activation of corticotropin-releasing factor neurons and microglia in paraventricular nucleus precipitates visceral hypersensitivity induced by colorectal distension in rats. Brain, Behavior, and Immunity, 2016, 55, 93-104.	4.1	52
13	Hippocampal microglial activation and glucocorticoid receptor down-regulation precipitate visceral hypersensitivity induced by colorectal distension in rats. Neuropharmacology, 2016, 102, 295-303.	4.1	40
14	Activation of serotonin 5-HT2C receptor suppresses behavioral sensitization and naloxone-precipitated withdrawal symptoms in morphine-dependent mice. Neuropharmacology, 2016, 101, 246-254.	4.1	39
15	Vitexin exerts cardioprotective effect on chronic myocardial ischemia/reperfusion injury in rats via inhibiting myocardial apoptosis and lipid peroxidation. American Journal of Translational Research (discontinued), 2016, 8, 3319-28.	0.0	19
16	The role of serotonin 5-HT2A receptors in memory and cognition. Frontiers in Pharmacology, 2015, 6, 225.	3.5	213
17	Vitexin protects brain against ischemia/reperfusion injury via modulating mitogen-activated protein kinase and apoptosis signaling in mice. Phytomedicine, 2015, 22, 379-384.	5.3	65
18	RIP3 S-nitrosylation contributes to cerebral ischemic neuronal injury. Brain Research, 2015, 1627, 165-176.	2.2	16

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19	Activation of serotonin 5-HT2C receptor suppresses behavioral sensitization and naloxone-precipitated withdrawal symptoms in heroin-treated mice. Neuroscience Letters, 2015, 607, 23-28.	2.1	43
20	Changes in Intensity of Serotonin Syndrome Caused by Adverse Interaction between Monoamine Oxidase Inhibitors and Serotonin Reuptake Blockers. Neuropsychopharmacology, 2014, 39, 1996-2007.	5.4	7
21	Microinjection of Adenosine into the Hypothalamic Ventrolateral Preoptic Area Enhances Wakefulness via the A1 Receptor in Rats. Neurochemical Research, 2013, 38, 1616-1623.	3.3	17
22	The Rodent Hippocampus Is Essential for Nonspatial Object Memory. Current Biology, 2013, 23, 1685-1690.	3.9	260
23	Stimulation of serotonin 2A receptors facilitates consolidation and extinction of fear memory in C57BL/6J mice. Neuropharmacology, 2013, 64, 403-413.	4.1	123
24	Enhanced responsivity of 5-HT2A receptors at warm ambient temperatures is responsible for the augmentation of the 1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane (DOI)-induced hyperthermia. Neuroscience Letters, 2011, 490, 68-71.	2.1	23
25	Involvement of 5â€HT_{2A} Receptors in the Serotonin (5â€HT) Syndrome caused by Excessive 5â€HT Efflux in Rat Brain. Basic and Clinical Pharmacology and Toxicology, 2010, 107, 830-841.	2.5	15
26	Assessment of 5-hydroxytryptamine efflux in rat brain during a mild, moderate and severe serotonin-toxicity syndrome. European Journal of Pharmacology, 2009, 615, 66-75.	3.5	22
27	Characterization of serotonin-toxicity syndrome (toxidrome) elicited by 5-hydroxy-l-tryptophan in clorgyline-pretreated rats. European Journal of Pharmacology, 2008, 588, 198-206.	3.5	24
28	Substance P promotes sleep in the ventrolateral preoptic area of rats. Brain Research, 2004, 1028, 225-232.	2.2	33