Lei Xing

List of Publications by Year
in descending order

18 papers	380 citations	840776 11 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	371 citing authors

#	Article	IF	Citations
1	Human-Specific ARHGAP11B Acts in Mitochondria to Expand Neocortical Progenitors by Glutaminolysis. Neuron, 2020, 105, 867-881.e9.	8.1	101
2	Radial glial cell: Critical functions and new perspective as a steroid synthetic cell. General and Comparative Endocrinology, 2014, 203, 181-185.	1.8	40
3	Expression of humanâ€specific ARHGAP11B in mice leads to neocortex expansion and increased memory flexibility. EMBO Journal, 2021, 40, e107093.	7.8	40
4	Dopamine D1 receptor activation regulates the expression of the estrogen synthesis gene aromatase B in radial glial cells. Frontiers in Neuroscience, 2015, 9, 310.	2.8	30
5	Serotonin Receptor 2A Activation Promotes Evolutionarily Relevant Basal Progenitor Proliferation in the Developing Neocortex. Neuron, 2020, 108, 1113-1129.e6.	8.1	26
6	Neurotransmitters as Modulators of Neural Progenitor Cell Proliferation During Mammalian Neocortex Development. Frontiers in Cell and Developmental Biology, 2020, 8, 391.	3.7	23
7	How neural stem cells contribute to neocortex development. Biochemical Society Transactions, 2021, 49, 1997-2006.	3.4	22
8	Direct Regulation of Aromatase B Expression by 17Î²-Estradiol and Dopamine D1 Receptor Agonist in Adult Radial Glial Cells. Frontiers in Neuroscience, 2015, 9, 504.	2.8	18
9	Proteomic profiling reveals dopaminergic regulation of progenitor cell functions of goldfish radial glial cells in vitro. Journal of Proteomics, 2016, 144, 123-132.	2.4	13
10	Stimulatory effect of the secretogranin-II derived peptide secretoneurin on food intake and locomotion in female goldfish (Carassius auratus). Peptides, 2016, 78, 42-50.	2.4	13
11	Secretoneurin-A inhibits aromatase B (cyp19a1b) expression in female goldfish (Carassius auratus) radial glial cells. General and Comparative Endocrinology, 2018, 257, 106-112.	1.8	13
12	Secretoneurin A regulates neurogenic and inflammatory transcriptional networks in goldfish (Carassius auratus) radial glia. Scientific Reports, 2017, 7, 14930.	3.3	12
13	Role of aromatase and radial glial cells in neurotoxin-induced dopamine neuron degeneration and regeneration. General and Comparative Endocrinology, 2017, 241, 69-79.	1.8	10
14	Transcriptome Analysis Reveals That Naphthenic Acids Perturb Gene Networks Related to Metabolic Processes, Membrane Integrity, and Gut Function in Silurana (Xenopus) tropicalis Embryos. Frontiers in Marine Science, 2019, 6, .	2.5	9
15	Dehydroabietic acid cytotoxicity in goldfish radial glial cells in vitro. Aquatic Toxicology, 2016, 180, 78-83.	4.0	4
16	Neuronal regeneration in the goldfish telencephalon following 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) insult. Facets, 2018, 3, 358-374.	2.4	3
17	Secretoneurin A Directly Regulates the Proteome of Goldfish Radial Glial Cells In Vitro. Frontiers in Endocrinology, 2018, 9, 68.	3.5	1
18	Mitochondria of teleost radial glia: A novel target of neuroendocrine disruption by environmental chemicals?. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 243, 108995.	2.6	0