Huan Cai

List of Publications by Year
in descending order

25 papers	1,499 citations	430874 18 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	2894 citing authors

#	Article	IF	Citations
1	Neuroprotective role of Sirt1 in mammalian models of Huntington's disease through activation of multiple Sirt1 targets. Nature Medicine, 2012, 18, 153-158.	30.7	300
2	Metabolic Dysfunction in Alzheimers Disease and Related Neurodegenerative Disorders. Current Alzheimer Research, 2012, 9, 5-17.	1.4	261
3	Recent Advances in Adipose mTOR Signaling and Function: Therapeutic Prospects. Trends in Pharmacological Sciences, 2016, 37, 303-317.	8.7	112
4	VennPlexâ€“A Novel Venn Diagram Program for Comparing and Visualizing Datasets with Differentially Regulated Datapoints. PLoS ONE, 2013, 8, e53388.	2.5	97
5	Testosterone Induces Redistribution of Forkhead Box-3a and Down-Regulation of Growth and Differentiation Factor 9 Messenger Ribonucleic Acid Expression at Early Stage of Mouse Folliculogenesis. Endocrinology, 2010, 151, 774-782.	2.8	83
6	Scrotal heat stress causes a transient alteration in tight junctions and induction of TGF-Î² expression. Journal of Developmental and Physical Disabilities, 2011, 34, 352-362.	3.6	71
7	Metabolic and hormonal signatures in pre-manifest and manifest Huntington's disease patients. Frontiers in Physiology, 2014, 5, 231.	2.8	69
8	Effect of Heat Stress on Expression of Junction-Associated Molecules and Upstream Factors Androgen Receptor and Wilmsâ€™ Tumor 1 in Monkey Sertoli Cells. Endocrinology, 2008, 149, 4871-4882.	2.8	63
9	Age-Related Changes in Mouse Taste Bud Morphology, Hormone Expression, and Taste Responsivity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67A, 336-344.	3.6	55
10	Altered Lipid and Salt Taste Responsivity in Ghrelin and GOAT Null Mice. PLoS ONE, 2013, 8, e76553.	2.5	53
11	Long-Term Artificial Sweetener Acesulfame Potassium Treatment Alters Neurometabolic Functions in C57BL/6J Mice. PLoS ONE, 2013, 8, e70257.	2.5	50
12	Disulfiram Treatment Normalizes Body Weight in Obese Mice. Cell Metabolism, 2020, 32, 203-214.e4.	16.2	46
13	Therapeutic Potential of Vasoactive Intestinal Peptide and its Receptors in Neurological Disorders. CNS and Neurological Disorders - Drug Targets, 2010, 9, 661-666.	1.4	46
14	A novel testis-specific Na H exchanger is involved in sperm motility and fertility. Frontiers in Bioscience - Elite, 2010, E2, 566-581.	1.8	33
15	Nuclear GIT2 Is an ATM Substrate and Promotes DNA Repair. Molecular and Cellular Biology, 2015, 35, 1081-1096.	2.3	28
16	Acrosome formation-associated factor is involved in fertilization. Fertility and Sterility, 2010, 93, 1482-1492.	1.0	23
17	Altered Hypothalamic Protein Expression in a Rat Model of Huntington's Disease. PLoS ONE, 2012, 7, e47240.	2.5	23
18	Amitriptyline Improves Motor Function via Enhanced Neurotrophin Signaling and Mitochondrial Functions in the Murine N171-82Q Huntington Disease Model. Journal of Biological Chemistry, 2015, 290, 2728-2743.	3.4	18

#	Article	IF	Citations
19	What Is the Role of Metabolic Hormones in Taste Buds of the Tongue. Frontiers of Hormone Research, 2014, 42, 134-146.	1.0	14
20	Longitudinal Analysis of Calorie Restriction on Rat Taste Bud Morphology and Expression of Sweet Taste Modulators. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 532-544.	3.6	13
21	Endocrine Function in Aging. International Journal of Endocrinology, 2012, 2012, 1-3.	1.5	12
22	Pancreas++: Automated Quantification of Pancreatic Islet Cells in Microscopy Images. Frontiers in Physiology, 2013, 3, 482.	2.8	12
23	Multidimensional informatic deconvolution defines gender-specific roles of hypothalamic GIT2 in aging trajectories. Mechanisms of Ageing and Development, 2019, 184, 111150.	4.6	9
24	PSM2, a novel protein similar to MCAF2, is involved in the mouse embryonic and adult male gonad development. Molecular Biology Reports, 2006, 33, 159-166.	2.3	7
25	Signal pathway of GnRH-III inhibiting FSH-induced steroidogenesis in granulosa cells. Frontiers in Bioscience - Elite, 2010, E2, 1218-1226.	1.8	1