Yinghua Yu

List of Publications by Year
in descending order

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Version: 2024-02-01

		186265	206112
68	2,654	28	48
papers	citations	h-index	g-index

72	72	72	4264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyene Phosphatidylcholine Interacting with TLR-2 Prevents the Synovial Inflammation via Inactivation of MAPK and NF-Î¹B Pathways. Inflammation, 2022, 45, 1507-1519.	3.8	3
2	Helminth and Host Crosstalk: New Insight Into Treatment of Obesity and Its Associated Metabolic Syndromes. Frontiers in Immunology, 2022, 13, 827486.	4.8	6
3	Three Different Types of Î²-Glucans Enhance Cognition: The Role of the Gut-Brain Axis. Frontiers in Nutrition, 2022, 9, 848930.	3.7	16
4	Application of a fluorescent H₂S probe based on excited-state intramolecular proton transfer for detecting latent mechanism of H₂S-induced MCF-7 apoptosis. Future Medicinal Chemistry, 2022, 14, 647-663.	2.3	2
5	Î²-Glucan from Lentinula edodes prevents cognitive impairments in high-fat diet-induced obese mice: involvement of colon-brain axis. Journal of Translational Medicine, 2021, 19, 54.	4.4	36
6	The mTOR/NF-Î¹B Pathway Mediates Neuroinflammation and Synaptic Plasticity in Diabetic Encephalopathy. Molecular Neurobiology, 2021, 58, 3848-3862.	4.0	51
7	Hydrogen sulfide ameliorates high glucose-induced pro-inflammation factors in HT-22 cells: Involvement of SIRT1-mTOR/NF-Î¹B signaling pathway. International Immunopharmacology, 2021, 95, 107545.	3.8	9
8	Resveratrol prevents haloperidol-induced mitochondria dysfunction through the induction of autophagy in SH-SY5Y cells. NeuroToxicology, 2021, 87, 231-242.	3.0	11
9	A fiber-deprived diet causes cognitive impairment and hippocampal microglia-mediated synaptic loss through the gut microbiota and metabolites. Microbiome, 2021, 9, 223.	11.1	83
10	Lentinan Supplementation Protects the Gutâ€“Liver Axis and Prevents Steatohepatitis: The Role of Gut Microbiota Involved. Frontiers in Nutrition, 2021, 8, 803691.	3.7	23
11	Î²-glucan attenuates cognitive impairment via the gut-brain axis in diet-induced obese mice. Microbiome, 2020, 8, 143.	11.1	128
12	N-acetylcysteine prevents olanzapine-induced oxidative stress in mHypoA-59 hypothalamic neurons. Scientific Reports, 2020, 10, 19185.	3.3	20
13	Olanzapine increases AMPK-NPY orexigenic signaling by disrupting H1R-GHSR1a interaction in the hypothalamic neurons of mice. Psychoneuroendocrinology, 2020, 114, 104594.	2.7	15
14	Curdlan Prevents the Cognitive Deficits Induced by a High-Fat Diet in Mice via the Gut-Brain Axis. Frontiers in Neuroscience, 2020, 14, 384.	2.8	25
15	Oat-Derived Î²-Glucans Induced Trained Immunity Through Metabolic Reprogramming. Inflammation, 2020, 43, 1323-1336.	3.8	26
16	Supplement of microbiota-accessible carbohydrates prevents neuroinflammation and cognitive decline by improving the gut microbiota-brain axis in diet-induced obese mice. Journal of Neuroinflammation, 2020, 17, 77.	7.2	64
17	Prevention of Neurite Spine Loss Induced by Dopamine D2 Receptor Overactivation in Striatal Neurons. Frontiers in Neuroscience, 2020, 14, 642.	2.8	6
18	DHA reduces hypothalamic inflammation and improves central leptin signaling in mice. Life Sciences, 2020, 257, 118036.	4.3	15

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19	Tacrineâ€“Hydrogen Sulfide Donor Hybrid Ameliorates Cognitive Impairment in the Aluminum Chloride Mouse Model of Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2019, 10, 3500-3509.	3.5	47
20	HIV-1 Tat enhances purinergic P2Y4 receptor signaling to mediate inflammatory cytokine production and neuronal damage via PI3K/Akt and ERK MAPK pathways. Journal of Neuroinflammation, 2019, 16, 71.	7.2	34
21	Alterations to the microbiotaâ€“colonâ€“brain axis in high-fat-diet-induced obese mice compared to diet-resistant mice. Journal of Nutritional Biochemistry, 2019, 65, 54-65.	4.2	51
22	Aripiprazole and haloperidol protect neurite lesions via reducing excessive D2R-DISC1 complex formation. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 59-69.	4.8	19
23	Galantamine improves cognition, hippocampal inflammation, and synaptic plasticity impairments induced by lipopolysaccharide in mice. Journal of Neuroinflammation, 2018, 15, 112.	7.2	160
24	Serum NCAM levels and cognitive deficits in first episode schizophrenia patients versus health controls. Schizophrenia Research, 2018, 192, 457-458.	2.0	17
25	Ginsenoside Rb1 improves leptin sensitivity in the prefrontal cortex in obese mice. CNS Neuroscience and Therapeutics, 2018, 24, 98-107.	3.9	20
26	Decreased 5â€HT2cR and GHSR1a interaction in antipsychotic drugâ€induced obesity. Obesity Reviews, 2018, 19, 396-405.	6.5	25
27	Propionate Protects Haloperidol-Induced Neurite Lesions Mediated by Neuropeptide Y. Frontiers in Neuroscience, 2018, 12, 743.	2.8	13
28	Dietary Galactoâ€Oligosaccharides and Resistant Starch Protect Against Altered CB1 and 5â€HT1A and 2A Receptor Densities in Rat Brain: Implications for Preventing Cognitive and Appetite Dysfunction During a Highâ€Fat Diet. Molecular Nutrition and Food Research, 2018, 62, e1800422.	3.3	15
29	Dietary teasaponin ameliorates alteration of gut microbiota and cognitive decline in diet-induced obese mice. Scientific Reports, 2017, 7, 12203.	3.3	45
30	Luteolin, a natural flavonoid, inhibits methylglyoxal induced apoptosis via the mTOR/4E-BP1 signaling pathway. Scientific Reports, 2017, 7, 7877.	3.3	24
31	Olanzapine Prevents the PCP-induced Reduction in the Neurite Outgrowth of Prefrontal Cortical Neurons via NRG1. Scientific Reports, 2016, 6, 19581.	3.3	28
32	Chronic rhein treatment improves recognition memory in high-fat diet-induced obese male mice. Journal of Nutritional Biochemistry, 2016, 36, 42-50.	4.2	54
33	Bardoxolone methyl prevents obesity and hypothalamic dysfunction. Chemico-Biological Interactions, 2016, 256, 178-187.	4.0	3
34	Reversal effect of simvastatin on the decrease in cannabinoid receptor 1 density in 6-hydroxydopamine lesioned rat brains. Life Sciences, 2016, 155, 123-132.	4.3	9
35	Bardoxolone Methyl Prevents High-Fat Diet-Induced Colon Inflammation in Mice. Journal of Histochemistry and Cytochemistry, 2016, 64, 237-255.	2.5	17
36	Bardoxolone methyl prevents the development and progression of cardiac and renal pathophysiologies in mice fed a high-fat diet. Chemico-Biological Interactions, 2016, 243, 10-18.	4.0	15

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37	Protective effect of the orientin on noise-induced cognitive impairments in mice. Behavioural Brain Research, 2016, 296, 290-300.	2.2	30
38	Teasaponin improves leptin sensitivity in the prefrontal cortex of obese mice. Molecular Nutrition and Food Research, 2015, 59, 2371-2382.	3.3	7
39	Bardoxolone Methyl Prevents Mesenteric Fat Deposition and Inflammation in High-Fat Diet Mice. Scientific World Journal, The, 2015, 2015, 1-15.	2.1	16
40	Bardoxolone Methyl Prevents Fat Deposition and Inflammation in Brown Adipose Tissue and Enhances Sympathetic Activity in Mice Fed a High-Fat Diet. Nutrients, 2015, 7, 4705-4723.	4.1	15
41	Arachidonic acid impairs hypothalamic leptin signaling and hepatic energy homeostasis in mice. Molecular and Cellular Endocrinology, 2015, 412, 12-18.	3.2	26
42	Bardoxolone methyl prevents fat deposition and inflammation in the visceral fat of mice fed a high-fat diet. Chemico-Biological Interactions, 2015, 229, 1-8.	4.0	23
43	Bardoxolone methyl prevents high-fat diet-induced alterations in prefrontal cortex signalling molecules involved in recognition memory. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 59, 68-75.	4.8	50
44	Palmitic acid induces central leptin resistance and impairs hepatic glucose and lipid metabolism in male mice. Journal of Nutritional Biochemistry, 2015, 26, 541-548.	4.2	61
45	Orientin improves depressionâ€like behavior and BDNF in chronic stressed mice. Molecular Nutrition and Food Research, 2015, 59, 1130-1142.	3.3	54
46	Cognitive differences in schizophrenia on long-term treatments with clozapine, risperidone and typical antipsychotics. International Clinical Psychopharmacology, 2015, 30, 89-95.	1.7	14
47	Bardoxolone methyl prevents insulin resistance and the development of hepatic steatosis in mice fed a high-fat diet. Molecular and Cellular Endocrinology, 2015, 412, 36-43.	3.2	29
48	The molecular mechanisms underpinning the therapeutic properties of oleanolic acid, its isomer and derivatives for type 2 diabetes and associated complications. Molecular Nutrition and Food Research, 2014, 58, 1750-1759.	3.3	78
49	Simvastatin reverses the downregulation of M1/4 receptor binding in 6-hydroxydopamine-induced parkinsonian rats: The association with improvements in long-term memory. Neuroscience, 2014, 267, 57-66.	2.3	11
50	Central Inflammation and Leptin Resistance Are Attenuated by Ginsenoside Rb1 Treatment in Obese Mice Fed a High-Fat Diet. PLoS ONE, 2014, 9, e92618.	2.5	78
51	DHA prevents altered 5-HT1A, 5-HT2A, CB1 and GABAA receptor binding densities in the brain of male rats fed a high-saturated-fat diet. Journal of Nutritional Biochemistry, 2013, 24, 1349-1358.	4.2	12
52	Sensitive and selective dopamine determination in human serum with inkjet printed Nafion/MWCNT chips. Electrochemistry Communications, 2013, 37, 32-35.	4.7	34
53	Teasaponin Reduces Inflammation and Central Leptin Resistance in Diet-Induced Obese Male Mice. Endocrinology, 2013, 154, 3130-3140.	2.8	50
54	Reduction of histamine H1 receptor binding induced by high-fat diet can be prevented by DHA and dietary fiber in specific brain areas of male rats. Brain Research Bulletin, 2013, 97, 119-125.	3.0	7

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55	Fish consumption and CHD mortality: an updated meta-analysis of seventeen cohort studies. Public Health Nutrition, 2012, 15, 725-737.	2.2	260
56	Ganoderma lucidum Polysaccharides Exert Anti-Hyperglycemic Effect on Streptozotocin-Induced Diabetic Rats Through Affecting β-Cells. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 542-550.	1.1	42
57	Serum levels of polyunsaturated fatty acids are low in Chinese men with metabolic syndrome, whereas serum levels of saturated fatty acids, zinc, and magnesium are high. Nutrition Research, 2012, 32, 71-77.	2.9	55
58	Green Tea and Black Tea Consumption and Prostate Cancer Risk: An Exploratory Meta-Analysis of Observational Studies. Nutrition and Cancer, 2011, 63, 663-672.	2.0	93
59	Diet high in oat Î²â€glucan activates the gutâ€hypothalamic (PYY_{3â€“36}â€NPY) axis and increases satiety in dietâ€induced obesity in mice. Molecular Nutrition and Food Research, 2011, 55, 1118-1121.	3.3	39
60	Alterations in 5â€HT_{2A} receptor binding in various brain regions among 6â€hydroxydopamineâ€induced Parkinsonian rats. Synapse, 2010, 64, 224-230.	1.2	39
61	Obese reversal by a chronic energy restricted diet leaves an increased Arc NPY/AgRP, but no alteration in POMC/CART, mRNA expression in diet-induced obese mice. Behavioural Brain Research, 2009, 205, 50-56.	2.2	39
62	Energy-restricted pair-feeding normalizes low levels of brain-derived neurotrophic factor/tyrosine kinase B mRNA expression in the hippocampus, but not ventromedial hypothalamic nucleus, in diet-induced obese mice. Neuroscience, 2009, 160, 295-306.	2.3	38
63	Inter-meal interval is increased in mice fed a high whey, as opposed to soy and gluten, protein diets. Appetite, 2009, 52, 372-379.	3.7	15
64	Ventromedial Hypothalamic NPY Y2 Receptor in the Maintenance of Body Weight in Diet-Induced Obesity in Mice. Neurochemical Research, 2008, 33, 1881-1888.	3.3	16
65	Differential expression of hypothalamic CART mRNA in response to body weight change following different dietary interventions. Neurochemistry International, 2008, 52, 1422-1430.	3.8	22
66	Dopamine transporter and D2 receptor binding densities in mice prone or resistant to chronic high fat diet-induced obesity. Behavioural Brain Research, 2006, 175, 415-419.	2.2	119
67	Differential expression of dopamine D2 and D4 receptor and tyrosine hydroxylase mRNA in mice prone, or resistant, to chronic high-fat diet-induced obesity. Molecular Brain Research, 2005, 135, 150-161.	2.3	98
68	M2/M4 muscarinic receptor binding in the anterior cingulate cortex in schizophrenia and mood disorders. Brain Research Bulletin, 2005, 65, 397-403.	3.0	49