

# Yuan-Lin Zheng

## List of Publications by Year in descending order

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81  
papers

3,754  
citations

117571

34  
h-index

155592

55  
g-index

111  
all docs

111  
docs citations

111  
times ranked

5578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Purple sweet potato color attenuates oxidative stress and inflammatory response induced by d-galactose in mouse liver. <i>Food and Chemical Toxicology</i> , 2009, 47, 496-501.	1.8	161
2	Quercetin activates AMP-activated protein kinase by reducing PP2C expression protecting old mouse brain against high cholesterol-induced neurotoxicity. <i>Journal of Pathology</i> , 2010, 222, 199-212.	2.1	159
3	Purple Sweet Potato Color Alleviates D-galactose-induced Brain Aging in Old Mice by Promoting Survival of Neurons via PI3K Pathway and Inhibiting Cytochrome C-mediated Apoptosis. <i>Brain Pathology</i> , 2010, 20, 598-612.	2.1	127
4	LncRNA SNHG15 acts as a ceRNA to regulate YAP1-Hippo signaling pathway by sponging miR-200a-3p in papillary thyroid carcinoma. <i>Cell Death and Disease</i> , 2018, 9, 947.	2.7	122
5	Troloxerutin protects against high cholesterol-induced cognitive deficits in mice. <i>Brain</i> , 2011, 134, 783-797.	3.7	119
6	Troloxerutin protects the mouse kidney from d-galactose-caused injury through anti-inflammation and anti-oxidation. <i>International Immunopharmacology</i> , 2009, 9, 91-96.	1.7	118
7	Hypoxia-responsive lipid-poly-(hypoxic radiosensitized polyprodrug) nanoparticles for glioma chemo- and radiotherapy. <i>Theranostics</i> , 2018, 8, 5088-5105.	4.6	104
8	Luteoloside Suppresses Proliferation and Metastasis of Hepatocellular Carcinoma Cells by Inhibition of NLRP3 Inflammasome. <i>PLoS ONE</i> , 2014, 9, e89961.	1.1	102
9	Chronic administration of troloxerutin protects mouse brain against d-galactose-induced impairment of cholinergic system. <i>Neurobiology of Learning and Memory</i> , 2010, 93, 157-164.	1.0	87
10	Troloxerutin Protects the Mouse Liver against Oxidative Stress-Mediated Injury Induced by D-Galactose. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7731-7736.	2.4	84
11	Purple sweet potato color attenuates hepatic insulin resistance via blocking oxidative stress and endoplasmic reticulum stress in high-fat-diet-treated mice. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1008-1018.	1.9	84
12	Troloxerutin Counteracts Domoic Acid-Induced Memory Deficits in Mice by Inhibiting CCAAT/Enhancer Binding Protein $\beta$ -Mediated Inflammatory Response and Oxidative Stress. <i>Journal of Immunology</i> , 2013, 190, 3466-3479.	0.4	78
13	Role of Circular RNA DLEU2 in Human Acute Myeloid Leukemia. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	78
14	Purple sweet potato color attenuates domoic acid-induced cognitive deficits by promoting estrogen receptor- $\alpha$ -mediated mitochondrial biogenesis signaling in mice. <i>Free Radical Biology and Medicine</i> , 2012, 52, 646-659.	1.3	74
15	SIRT1 antagonizes liver fibrosis by blocking hepatic stellate cell activation in mice. <i>FASEB Journal</i> , 2018, 32, 500-511.	0.2	67
16	Troloxerutin improves hepatic lipid homeostasis by restoring NAD <sup>+</sup> -depletion-mediated dysfunction of lipin 1 signaling in high-fat diet-treated mice. <i>Biochemical Pharmacology</i> , 2014, 91, 74-86.	2.0	63
17	Troloxerutin protects against 2,2,4,4-tetrabromodiphenyl ether (BDE-47)-induced liver inflammation by attenuating oxidative stress-mediated NAD <sup>+</sup> -depletion. <i>Journal of Hazardous Materials</i> , 2015, 283, 98-109.	6.5	59
18	Purple sweet potato color suppresses lipopolysaccharide-induced acute inflammatory response in mouse brain. <i>Neurochemistry International</i> , 2010, 56, 424-430.	1.9	56

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19	Purple sweet potato color protects mouse liver against d-galactose-induced apoptosis via inhibiting caspase-3 activation and enhancing PI3K/Akt pathway. <i>Food and Chemical Toxicology</i> , 2010, 48, 2500-2507.	1.8	47
20	Purple sweet potato color ameliorates kidney damage via inhibiting oxidative stress mediated NLRP3 inflammasome activation in high fat diet mice. <i>Food and Chemical Toxicology</i> , 2014, 69, 339-346.	1.8	46
21	Epigenetic modification of miR-10a regulates renal damage by targeting CREB1 in type 2 diabetes mellitus. <i>Toxicology and Applied Pharmacology</i> , 2016, 306, 134-143.	1.3	44
22	The Inhibitory Effects of Purple Sweet Potato Color on Hepatic Inflammation Is Associated with Restoration of NAD <sup>+</sup> Levels and Attenuation of NLRP3 Inflammasome Activation in High-Fat-Diet-Treated Mice. <i>Molecules</i> , 2017, 22, 1315.	1.7	39
23	Relationship Between Neonatal Vitamin D at Birth and Risk of Autism Spectrum Disorders: the NBSIB Study. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 458-466.	3.1	39
24	Troloxerutin Attenuates Enhancement of Hepatic Gluconeogenesis by Inhibiting NOD Activation-Mediated Inflammation in High-Fat Diet-Treated Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 31.	1.8	38
25	Purple sweet potato color inhibits endothelial premature senescence by blocking the NLRP3 inflammasome. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1029-1040.	1.9	37
26	Troloxerutin Reduces Kidney Damage against BDE-47-Induced Apoptosis via Inhibiting NOX2 Activity and Increasing Nrf2 Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	35
27	Salidroside Protection Against Oxidative Stress Injury Through the Wnt/ $\beta$ -Catenin Signaling Pathway in Rats with Parkinson's Disease. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 1793-1806.	1.1	35
28	Troloxerutin Protects Kidney Tissue against BDE-47-Induced Inflammatory Damage through CXCR4-TXNIP/NLRP3 Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	1.9	33
29	Troloxerutin inhibits 2,2',4,4'-tetrabromodiphenyl ether (BDE-47)-induced hepatocyte apoptosis by restoring proteasome function. <i>Toxicology Letters</i> , 2015, 233, 246-257.	0.4	32
30	Purple sweet potato color protects against high-fat diet-induced cognitive deficits through AMPK-mediated autophagy in mouse hippocampus. <i>Journal of Nutritional Biochemistry</i> , 2019, 65, 35-45.	1.9	30
31	GLUL Promotes Cell Proliferation in Breast Cancer. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2018-2025.	1.2	27
32	2,2',4,4'-tetrabromodiphenyl ether (BDE-47) induces mitochondrial dysfunction and related liver injury via eliciting miR-34a-5p-mediated mitophagy impairment. <i>Environmental Pollution</i> , 2020, 258, 113693.	3.7	27
33	AGPAT9 suppresses cell growth, invasion and metastasis by counteracting acidic tumor microenvironment through KLF4/LASS2/V-ATPase signaling pathway in breast cancer. <i>Oncotarget</i> , 2015, 6, 18406-18417.	0.8	27
34	Protective effect of autophagy on endoplasmic reticulum stress induced apoptosis of alveolar epithelial cells in rat models of COPD. <i>Bioscience Reports</i> , 2017, 37, .	1.1	26
35	MicroRNA-17 inhibition overcomes chemoresistance and suppresses epithelial-mesenchymal transition through a DEDD-dependent mechanism in gastric cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 102, 59-70.	1.2	26
36	A sweet potato cinnamate 4-hydroxylase gene, lbc4H, increases phenolics content and enhances drought tolerance in tobacco. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	1.0	25

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37	Diastereo- and Enantioselective Construction of Biologically Important Chiral 1,3-Dioxolochroman Frameworks via Catalytic Asymmetric [4+2] Cycloaddition. <i>Journal of Organic Chemistry</i> , 2020, 85, 5403-5415.	1.7	24
38	High expression of glutamateâ€‘ammonia ligase is associated with unfavorable prognosis in patients with ovarian cancer. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6008-6015.	1.2	23
39	Inhibition of microRNA-200a Upregulates the Expression of Striatal Dopamine Receptor D2 to Repress Apoptosis of Striatum via the cAMP/PKA Signaling Pathway in Rats with Parkinsonâ€™s Disease. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1600-1615.	1.1	23
40	TDP-43 upregulation mediated by the NLRP3 inflammasome induces cognitive impairment in 2,4,4-tetrabromodiphenyl ether (BDE-47)-treated mice. <i>Brain, Behavior, and Immunity</i> , 2017, 65, 99-110.	2.0	22
41	MicroRNA-182 downregulates Wnt/ $\beta$ -catenin signaling, inhibits proliferation, and promotes apoptosis in human osteosarcoma cells by targeting HOXA9. <i>Oncotarget</i> , 2017, 8, 101345-101361.	0.8	21
42	Effects of long noncoding RNA SPRY4â€‘IT1â€‘mediated EZH2 on the invasion and migration of lung adenocarcinoma. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1827-1840.	1.2	20
43	PTEN gene silencing contributes to airway remodeling and induces airway smooth muscle cell proliferation in mice with allergic asthma. <i>Journal of Thoracic Disease</i> , 2018, 10, 202-211.	0.6	20
44	MiR-142-3p Enhances Cell Viability and Inhibits Apoptosis by Targeting CDKN1B and TIMP3 Following Sciatic Nerve Injury. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 2347-2357.	1.1	20
45	Ameliorating effect of quercetin on epilepsy by inhibition of inflammation in glial cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 854-859.	0.8	20
46	Lipoprotein (a) as a Predictor of Early Stroke Recurrence in Acute Ischemic Stroke. <i>Molecular Neurobiology</i> , 2018, 55, 718-726.	1.9	18
47	Downregulation of sonic hedgehog signaling in the hippocampus leads to neuronal apoptosis in high-fat diet-fed mice. <i>Behavioural Brain Research</i> , 2019, 367, 91-100.	1.2	18
48	Reversibly cross-linked poly(ethylene glycol)â€‘poly(amino acid)s copolymer micelles: a promising approach to overcome the extracellular stability versus intracellular drug release challenge. <i>RSC Advances</i> , 2015, 5, 20025-20034.	1.7	17
49	Roles of $\beta$ -catenin, TCF-4, and survivin in nasopharyngeal carcinoma: correlation with clinicopathological features and prognostic significance. <i>Cancer Cell International</i> , 2019, 19, 48.	1.8	16
50	Purple sweet potato color improves hippocampal insulin resistance via down-regulating SOCS3 and galectin-3 in high-fat diet mice. <i>Behavioural Brain Research</i> , 2019, 359, 370-377.	1.2	16
51	Purple sweet potato color attenuated NLRP3 inflammasome by inducing autophagy to delay endothelial senescence. <i>Journal of Cellular Physiology</i> , 2019, 234, 5926-5939.	2.0	15
52	Attenuation of hepatic steatosis by purple sweet potato colour is associated with blocking Src/ERK/C/EBP $\beta$ signalling in high-fat-dietâ€‘treated mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 1082-1091.	0.9	14
53	Purple Sweet Potato Color Attenuates Kidney Damage by Blocking VEGFR2/ROS/NLRP3 Signaling in High-Fat Diet-Treated Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	14
54	MicroRNA-433 inhibits oral squamous cell carcinoma cells by targeting FAK. <i>Oncotarget</i> , 2017, 8, 100227-100241.	0.8	14

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55	Long Non-Coding RNA LINC01260 Inhibits the Proliferation, Migration and Invasion of Spinal Cord Glioma Cells by Targeting CARD11 Via the NF- $\kappa$ B Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 1563-1578.	1.1	13
56	Protective effect of different flavonoids against endothelial senescence via NLRP3 inflammasome. <i>Journal of Functional Foods</i> , 2016, 26, 598-609.	1.6	12
57	Low expression of ENC1 predicts a favorable prognosis in patients with ovarian cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 861-871.	1.2	12
58	Conditional Inactivation of Pen-2 in the Developing Neocortex Leads to Rapid Switch of Apical Progenitors to Basal Progenitors. <i>Journal of Neuroscience</i> , 2019, 39, 2195-2207.	1.7	11
59	Low expression of CRISP3 predicts a favorable prognosis in patients with mammary carcinoma. <i>Journal of Cellular Physiology</i> , 2019, 234, 13629-13638.	2.0	10
60	HDAC4 stimulates MRTF-A expression and drives fibrogenesis in hepatic stellate cells by targeting miR-206. <i>Oncotarget</i> , 2017, 8, 47586-47594.	0.8	10
61	Silencing of SOCS $\alpha$ 1 and SOCS $\alpha$ 3 suppresses renal interstitial fibrosis by alleviating renal tubular damage in a rat model of hydronephrosis. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2200-2211.	1.2	9
62	High expression of LASS2 is associated with unfavorable prognosis in patients with ovarian cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 13001-13013.	2.0	9
63	Impact of serum omentin-1 levels on functional prognosis in nondiabetic patients with ischemic stroke. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 1854-1863.	0.0	9
64	Down-regulation of XIAP enhances the radiosensitivity of esophageal cancer cells <i>in vivo</i> and <i>in vitro</i> . <i>Bioscience Reports</i> , 2017, 37, .	1.1	8
65	Network meta-analysis of the efficacy of first-line chemotherapy regimens in patients with advanced colorectal cancer. <i>Oncotarget</i> , 2017, 8, 100668-100677.	0.8	8
66	ZNF300 stimulates fatty acid oxidation and alleviates hepatosteatosis through regulating PPAR $\alpha$ . <i>Biochemical Journal</i> , 2019, 476, 385-404.	1.7	8
67	Purple sweet potato color protects against hepatocyte apoptosis through Sirt1 activation in high-fat-diet-treated mice. <i>Food and Nutrition Research</i> , 2020, 64, .	1.2	8
68	Hepatocyte-specific deletion of LASS2 protects against diet-induced hepatic steatosis and insulin resistance. <i>Free Radical Biology and Medicine</i> , 2018, 120, 330-341.	1.3	7
69	Antimicrobial cocktails to control bacterial and fungal contamination in <i>Chlamydomonas reinhardtii</i> cultures. <i>BioTechniques</i> , 2016, 60, 145-149.	0.8	6
70	Adeno-associated virus vector-mediated expression of DJ-1 attenuates learning and memory deficits in 2, 2', 4, 4'-tetrabromodiphenyl ether (BDE-47)-treated mice. <i>Journal of Hazardous Materials</i> , 2018, 347, 390-402.	6.5	6
71	LncRNA AB209371 up-regulated Survivin gene by down-regulating miR-203 in ovarian carcinoma. <i>Journal of Ovarian Research</i> , 2019, 12, 92.	1.3	6
72	Comprehensive RNA-Seq Data Analysis Identifies Key mRNAs and lncRNAs in Atrial Fibrillation. <i>Frontiers in Genetics</i> , 2019, 10, 908.	1.1	6

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73	Association between plasma macrophage migration inhibitor factor and deep vein thrombosis in patients with spinal cord injuries. <i>Aging</i> , 2019, 11, 2447-2456.	1.4	6
74	Effect of different anesthetic methods on cellular immune functioning and the prognosis of patients with ovarian cancer undergoing oophorectomy. <i>Bioscience Reports</i> , 2017, 37, .	1.1	5
75	Micro-RNA-143 inhibits proliferation and promotes apoptosis of thymocytes by targeting CXCL13 in a myasthenia gravis mouse model. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C70-C80.	2.1	4
76	Associations of TGFBR1 and TGFBR2 gene polymorphisms with the risk of hypospadias: a caseâ€“control study in a Chinese population. <i>Bioscience Reports</i> , 2017, 37, .	1.1	3
77	Correlations of <i>CTLA4</i> exonâ€“4 49 A/G and promoter region 318C/T polymorphisms with the therapeutic efficacy of <sup>131</sup>I radionuclide in gravesâ€“ disease in Chinese Han population. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6383-6390.	1.2	3
78	Survival Benefit of Three Different Therapies in Postoperative Patients With Advanced Gastric Cancer: A Network Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2018, 9, 929.	1.6	3
79	High-throughput screening of novel pyruvate dehydrogenase kinases inhibitors and biological evaluation of their inÂvitro and inÂvivo antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 164, 252-262.	2.6	3
80	Correlation of the expressions of IGF1Râ€“RACK1â€“STAT3 and Bclâ€“x1 in nasopharyngeal carcinoma with the clinicopathological features and prognosis of nasopharyngeal carcinoma. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1931-1941.	1.2	2
81	The role of HOTAIRâ€“induced downregulation of microRNAâ€“126 and interleukinâ€“13 in the development of bronchial hyperresponsiveness in neonates. <i>Journal of Cellular Physiology</i> , 2019, 234, 16400-16411.	2.0	1