

# Fei Yin

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5265674/fei-yin-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54  
papers

1,869  
citations

23  
h-index

43  
g-index

62  
ext. papers

2,480  
ext. citations

6.5  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
54	Energy metabolism and inflammation in brain aging and Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 100, 108-122	7.8	218
53	Perimenopause as a neurological transition state. <i>Nature Reviews Endocrinology</i> , <b>2015</b> , 11, 393-405	15.2	165
52	Mitochondrial energy metabolism and redox signaling in brain aging and neurodegeneration. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 20, 353-71	8.4	163
51	Monoamine oxidase A mediates prostate tumorigenesis and cancer metastasis. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 2891-908	15.9	134
50	High-fat diet induces hepatic insulin resistance and impairment of synaptic plasticity. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128274	3.7	113
49	Gut microbiota mediates intermittent-fasting alleviation of diabetes-induced cognitive impairment. <i>Nature Communications</i> , <b>2020</b> , 11, 855	17.4	101
48	White Matter Lipids as a Ketogenic Fuel Supply in Aging Female Brain: Implications for Alzheimer's Disease. <i>EBioMedicine</i> , <b>2015</b> , 2, 1888-904	8.8	92
47	Mitochondrial thiols in the regulation of cell death pathways. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 17, 1714-27	8.4	89
46	The perimenopausal aging transition in the female rat brain: decline in bioenergetic systems and synaptic plasticity. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2282-2295	5.6	64
45	Silencing of nicotinamide nucleotide transhydrogenase impairs cellular redox homeostasis and energy metabolism in PC12 cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2012</b> , 1817, 401-9	4.6	61
44	Short-term cigarette smoke exposure leads to metabolic alterations in lung alveolar cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2014</b> , 51, 284-93	5.7	59
43	Age-dependent modulation of synaptic plasticity and insulin mimetic effect of lipoic acid on a mouse model of Alzheimer's disease. <i>PLoS ONE</i> , <b>2013</b> , 8, e69830	3.7	59
42	Chronic expression of RCAN1-1L protein induces mitochondrial autophagy and metabolic shift from oxidative phosphorylation to glycolysis in neuronal cells. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 14088-98	5.4	54
41	Metabolic triad in brain aging: mitochondria, insulin/IGF-1 signalling and JNK signalling. <i>Biochemical Society Transactions</i> , <b>2013</b> , 41, 101-5	5.1	49
40	Mitochondrial function in ageing: coordination with signalling and transcriptional pathways. <i>Journal of Physiology</i> , <b>2016</b> , 594, 2025-42	3.9	47
39	Lipoic acid restores age-associated impairment of brain energy metabolism through the modulation of Akt/JNK signaling and PGC1 $\alpha$ transcriptional pathway. <i>Ageing Cell</i> , <b>2013</b> , 12, 1021-31	9.9	45
38	Elevated neuronal nitric oxide synthase expression during ageing and mitochondrial energy production. <i>Free Radical Research</i> , <b>2009</b> , 43, 431-9	4	42

37	ApoE4 Impairs Neuron-Astrocyte Coupling of Fatty Acid Metabolism. <i>Cell Reports</i> , <b>2021</b> , 34, 108572	10.6	33
36	High-fiber diet mitigates maternal obesity-induced cognitive and social dysfunction in the offspring via gut-brain axis. <i>Cell Metabolism</i> , <b>2021</b> , 33, 923-938.e6	24.6	25
35	Downregulation of the Werner syndrome protein induces a metabolic shift that compromises redox homeostasis and limits proliferation of cancer cells. <i>Aging Cell</i> , <b>2014</b> , 13, 367-78	9.9	24
34	Effects of Lipoic Acid on High-Fat Diet-Induced Alteration of Synaptic Plasticity and Brain Glucose Metabolism: A PET/CT and C-NMR Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 5391	4.9	23
33	Metabolic shift in lung alveolar cell mitochondria following acrolein exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 305, L764-73	5.8	23
32	Neuroendocrine aging precedes perimenopause and is regulated by DNA methylation. <i>Neurobiology of Aging</i> , <b>2019</b> , 74, 213-224	5.6	17
31	Geniposide protects pancreatic $\beta$ cells from high glucose-mediated injury by activation of AMP-activated protein kinase. <i>Cell Biology International</i> , <b>2017</b> , 41, 544-554	4.5	14
30	Cellular Specificity and Inter-cellular Coordination in the Brain Bioenergetic System: Implications for Aging and Neurodegeneration. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1531	4.6	13
29	5VAMP-activated protein kinase plays an essential role in geniposide-regulated glucose-stimulated insulin secretion in rat pancreatic INS-1 $\beta$ cells. <i>Journal of Natural Medicines</i> , <b>2017</b> , 71, 123-130	3.3	11
28	Geniposide Increases Unfolded Protein Response-Mediating HRD1 Expression to Accelerate APP Degradation in Primary Cortical Neurons. <i>Neurochemical Research</i> , <b>2018</b> , 43, 669-680	4.6	10
27	Trilobatin, a Novel SGLT1/2 Inhibitor, Selectively Induces the Proliferation of Human Hepatoblastoma Cells. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
26	Midlife Chronological and Endocrinological Transitions in Brain Metabolism: System Biology Basis for Increased Alzheimer's Risk in Female Brain. <i>Scientific Reports</i> , <b>2020</b> , 10, 8528	4.9	8
25	Methionine restriction alleviates age-associated cognitive decline via fibroblast growth factor 21. <i>Redox Biology</i> , <b>2021</b> , 41, 101940	11.3	7
24	Trilobatin ameliorates insulin resistance through IRS-AKT-GLUT4 signaling pathway in C2C12 myotubes and ob/ob mice. <i>Chinese Medicine</i> , <b>2020</b> , 15, 110	4.7	6
23	Mitochondria-Targeted Therapeutics for Alzheimer's Disease: The Good, the Bad, the Potential. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> , 34, 611-630	8.4	6
22	Retrospective analysis of phytoSERM for management of menopause-associated vasomotor symptoms and cognitive decline: a pilot study on pharmacogenomic effects of mitochondrial haplogroup and APOE genotype on therapeutic efficacy. <i>Menopause</i> , <b>2020</b> , 27, 57-65	2.5	5
21	Blueberry-derived exosomes-like nanoparticles ameliorate nonalcoholic fatty liver disease by attenuating mitochondrial oxidative stress. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> ,	8	5
20	Dynamic Neuroimmune Profile during Mid-life Aging in the Female Brain and Implications for Alzheimer Risk. <i>iScience</i> , <b>2020</b> , 23, 101829	6.1	4

19	Unfolded protein response is involved in geniposide-regulating glucose-stimulated insulin secretion in INS-1 cells. <i>Cell Biochemistry and Function</i> , <b>2019</b> , 37, 368-376	4.2	3
18	Geniposide improves insulin resistance through AMPK-mediated Txnip protein degradation in 3T3-L1 adipocytes. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2021</b> , 53, 160-169	2.8	3
17	Geniposide Balances the Redox Signaling to Mediate Glucose-Stimulated Insulin Secretion in Pancreatic $\beta$ Cells. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2020</b> , 13, 509-520	3.4	2
16	Characterizing brain metabolic function <i>ex vivo</i> with acute mouse slice punches. <i>STAR Protocols</i> , <b>2021</b> , 2, 100559	1.4	2
15	APOE4 impairs neuron-astrocyte coupling of fatty acid metabolism. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e045251	1.2	1
14	Energy-Redox Axis in Mitochondria: Interconnection of Energy-Transducing Capacity and Redox Status. <i>Oxidative Stress and Disease</i> , <b>2015</b> , 29-44		1
13	A tale of two systems: Lessons learned from female mid-life aging with implications for Alzheimer's prevention & treatment.. <i>Ageing Research Reviews</i> , <b>2021</b> , 74, 101542	12	1
12	Gut Microbiota Mediates High-Fiber Diet Alleviation of Maternal Obesity-Induced Cognitive and Social Deficits in Offspring		1
11	P1-101: SEX DIFFERENCES IN BIOENERGETIC AGING OF THE BRAIN AND RISK OF ALZHEIMER'S DISEASE <b>2014</b> , 10, P339-P339		
10	P1-072: Aging transition of perimenopause is associated with bioenergetic shift in the female brain and decline in long-term potentiation <b>2015</b> , 11, P365-P366		
9	[P1005]: SEX DIFFERENCES IN METABOLIC AND NEUROLOGICAL OUTCOMES IN HUMANIZED APOE- $\eta$ KNOCK-IN RAT MODEL <b>2017</b> , 13, P232-P233		
8	[P2047]: IMPACT OF APOE GENOTYPE ON THE SEX-DIFFERENTIATED BIOENERGETIC TRAJECTORIES AND AD RISKS IN AGING MOUSE BRAINS <b>2017</b> , 13, P664-P664		
7	[P2088]: FEMALE BRAIN BIOENERGETIC SYSTEM IS REGULATED BY ENDOCRINE AGING: IMPLICATIONS FOR ALZHEIMER'S DISEASE <b>2017</b> , 13, P678-P678		
6	Geniposide inhibits glucolipototoxicity and cooperates with Txnip knockdown to potentiate cell adaption to endoplasmic reticulum stress in pancreatic beta cells. <i>Cell Biology International</i> , <b>2020</b> , 44, 1535-1543	4.5	
5	Free fatty acids induce the demethylation of the fructose 1,6-biphosphatase 2 gene promoter and potentiate its expression in hepatocytes. <i>Food and Function</i> , <b>2021</b> , 12, 4165-4175	6.1	
4	P3-133: A BIOENERGETIC-INFLAMMATORY TRANSITION STATE CHARACTERIZES PERIMENOPAUSAL AGING BRAIN AND INDICATES ALZHEIMER'S VULNERABILITY <b>2018</b> , 14, P1118-P1119		
3	F2-01-01: TRANSITIONS OF THE AGING FEMALE BRAIN: WINDOW INTO UNDERLYING MECHANISMS OF LATE ONSET ALZHEIMER'S DISEASE <b>2018</b> , 14, P601-P602		
2	P2-204: SEX DIFFERENCES IN METABOLIC AND INFLAMMATORY AGING OF THE BRAIN IN HUMANIZED APOE- $\eta$ KNOCK-IN RATS <b>2018</b> , 14, P746-P747		

- 1 P3-147: RESPONSE TO HORMONAL INTERVENTION IN AGING FEMALE BRAIN IS ENDOCRINE STATUS DEPENDENT: IMPLICATIONS FOR ALZHEIMER'S DISEASE **2018**, 14, P1124-P1124