

# Liqin Zhao

## List of Publications by Year in descending order

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29  
papers

1,811  
citations

304743

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477307

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g-index

32  
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32  
docs citations

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times ranked

2284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human apolipoprotein E isoforms are differentially sialylated and the sialic acid moiety in ApoE2 attenuates ApoE2-A $\beta$ interaction and A $\beta$ fibrillation. <i>Neurobiology of Disease</i> , 2022, 164, 105631.	4.4	11
2	Clusterin: a multifaceted protein in the brain. <i>Neural Regeneration Research</i> , 2021, 16, 1438.	3.0	11
3	Sialometabolism in Brain Health and Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 648617.	2.8	32
4	Glycolytic Metabolism, Brain Resilience, and Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 662242.	2.8	47
5	Non-invasive Brain Delivery and Efficacy of BDNF in APP/PS1 Transgenic Mice. <i>Medical Research Archives</i> , 2020, 8, .	0.2	14
6	Safety and feasibility of estrogen receptor- $\beta$ targeted phytoSERM formulation for menopausal symptoms: phase 1b/2a randomized clinical trial. <i>Menopause</i> , 2019, 26, 874-884.	2.0	22
7	Brain clusterin protein isoforms and mitochondrial localization. <i>ELife</i> , 2019, 8, .	6.0	31
8	Pharmacokinetics and safety profile of single-dose administration of an estrogen receptor $\beta$ -selective phytoestrogenic (phytoSERM) formulation in perimenopausal and postmenopausal women. <i>Menopause</i> , 2018, 25, 191-196.	2.0	10
9	Estrogen receptor $\beta$ deficiency impairs BDNF-5-HT 2A signaling in the hippocampus of female brain: A possible mechanism for menopausal depression. <i>Psychoneuroendocrinology</i> , 2017, 82, 107-116.	2.7	67
10	ER $\beta$ and ApoE isoforms interact to regulate BDNF-5-HT2A signaling and synaptic function in the female brain. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 79.	6.2	18
11	Sex differences in metabolic aging of the brain: insights into female susceptibility to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 42, 69-79.	3.1	108
12	Human ApoE $\epsilon$ 2 Promotes Regulatory Mechanisms of Bioenergetic and Synaptic Function in Female Brain: A Focus on V-type H <sup>+</sup> -ATPase. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1015-1031.	2.6	17
13	ApoE2 and Alzheimer's disease: time to take a closer look. <i>Neural Regeneration Research</i> , 2016, 11, 412.	3.0	51
14	Human ApoE Isoforms Differentially Modulate Glucose and Amyloid Metabolic Pathways in Female Brain: Evidence of the Mechanism of Neuroprotection by ApoE2 and Implications for Alzheimer's Disease Prevention and Early Intervention. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 411-424.	2.6	76
15	Estrogen receptor $\beta$ in Alzheimer's disease: From mechanisms to therapeutics. <i>Ageing Research Reviews</i> , 2015, 24, 178-190.	10.9	70
16	Early Intervention with an Estrogen Receptor $\beta$ -Selective Phytoestrogenic Formulation Prolongs Survival, Improves Spatial Recognition Memory, and Slows Progression of Amyloid Pathology in a Female Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 37, 403-419.	2.6	47
17	Continuous versus Cyclic Progesterone Exposure Differentially Regulates Hippocampal Gene Expression and Functional Profiles. <i>PLoS ONE</i> , 2012, 7, e31267.	2.5	49
18	17 $\beta$ -Estradiol regulates insulin-degrading enzyme expression via an ER $\beta$ /PI3-K pathway in hippocampus: Relevance to Alzheimer's prevention. <i>Neurobiology of Aging</i> , 2011, 32, 1949-1963.	3.1	121

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19	Estrogen receptor $\hat{1}^2$ -selective phytoestrogenic formulation prevents physical and neurological changes in a preclinical model of human menopause. <i>Menopause</i> , 2011, 18, 1131-1142.	2.0	38
20	A Select Combination of Clinically Relevant Phytoestrogens Enhances Estrogen Receptor $\hat{1}^2$ -Binding Selectivity and Neuroprotective Activities in Vitro and in Vivo. <i>Endocrinology</i> , 2009, 150, 770-783.	2.8	82
21	WHI and WHIMS follow-up and human studies of soy isoflavones on cognition. <i>Expert Review of Neurotherapeutics</i> , 2007, 7, 1549-1564.	2.8	75
22	Design, Synthesis, and Estrogenic Activity of a Novel Estrogen Receptor ModulatorA Hybrid Structure of $17\hat{1}^2$ -Estradiol and Vitamin E in Hippocampal Neurons. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 4471-4481.	6.4	41
23	Estrogen receptor $\hat{1}\pm$ and $\hat{1}^2$ differentially regulate intracellular $Ca^{2+}$ dynamics leading to ERK phosphorylation and estrogen neuroprotection in hippocampal neurons. <i>Brain Research</i> , 2007, 1172, 48-59.	2.2	189
24	Select estrogens within the complex formulation of conjugated equine estrogens (Premarin) are protective against neurodegenerative insults: implications for a composition of estrogen therapy to promote neuronal function and prevent Alzheimer's disease. <i>BMC Neuroscience</i> , 2006, 7, 24.	1.9	76
25	Estrogenic Agonist Activity of ICI 182,780 (Faslodex) in Hippocampal Neurons: Implications for Basic Science Understanding of Estrogen Signaling and Development of Estrogen Modulators with a Dual Therapeutic Profile. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1124-1132.	2.5	70
26	Estrogen receptor $\hat{1}^2$ as a therapeutic target for promoting neurogenesis and preventing neurodegeneration. <i>Drug Development Research</i> , 2005, 66, 103-117.	2.9	25
27	Structure-Based Virtual Screening for Plant-Based $ER\hat{1}^2$ -Selective Ligands as Potential Preventative Therapy against Age-Related Neurodegenerative Diseases. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3463-3466.	6.4	85
28	Selective estrogen receptor modulators (SERMs) for the brain: Current status and remaining challenges for developing NeuroSERMs. <i>Brain Research Reviews</i> , 2005, 49, 472-493.	9.0	104
29	Estrogen receptor subtypes alpha and beta contribute to neuroprotection and increased Bcl-2 expression in primary hippocampal neurons. <i>Brain Research</i> , 2004, 1010, 22-34.	2.2	222