

# Shirley Yan

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,960  
citations

218677

26  
h-index

302126

39  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial oxidative stress contributes to the pathological aggregation and accumulation of tau oligomers in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2022, 31, 2498-2507.	2.9	25
2	Age-dependent accumulation of dicarbonyls and advanced glycation endproducts (AGEs) associates with mitochondrial stress. <i>Free Radical Biology and Medicine</i> , 2021, 164, 429-438.	2.9	33
3	Gain of PITRM1 peptidase in cortical neurons affords protection of mitochondrial and synaptic function in an advanced age mouse model of Alzheimer's disease. <i>Aging Cell</i> , 2021, 20, e13368.	6.7	6
4	PINK1 Activation Attenuates Impaired Neuronal-Like Differentiation and Synaptogenesis and Mitochondrial Dysfunction in Alzheimer's Disease Trans-Mitochondrial Cybrid Cells. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1749-1761.	2.6	11
5	High Dietary Advanced Glycation End Products Impair Mitochondrial and Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 165-178.	2.6	33
6	Anxiety and task performance changes in an aging mouse model. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 246-251.	2.1	17
7	Astrocytes Attenuate Mitochondrial Dysfunctions in Human Dopaminergic Neurons Derived from iPSC. <i>Stem Cell Reports</i> , 2018, 10, 366-374.	4.8	43
8	RAGE mediates A $\beta$ accumulation in a mouse model of Alzheimer's disease via modulation of $\beta$ - and $\beta$ -secretase activity. <i>Human Molecular Genetics</i> , 2018, 27, 1002-1014.	2.9	62
9	Overexpression of endophilin A1 exacerbates synaptic alterations in a mouse model of Alzheimer's disease. <i>Nature Communications</i> , 2018, 9, 2968.	12.8	37
10	Mitochondrial permeability transition pore: a potential drug target for neurodegeneration. <i>Drug Discovery Today</i> , 2018, 23, 1983-1989.	6.4	77
11	Identification and Characterization of Amyloid- $\beta$ Accumulation in Synaptic Mitochondria. <i>Methods in Molecular Biology</i> , 2018, 1779, 415-433.	0.9	9
12	Entorhinal Cortex dysfunction can be rescued by inhibition of microglial RAGE in an Alzheimer's disease mouse model. <i>Scientific Reports</i> , 2017, 7, 42370.	3.3	64
13	Mitochondrial Dysfunction Triggers Synaptic Deficits via Activation of p38 MAP Kinase Signaling in Differentiated Alzheimer's Disease Trans-Mitochondrial Cybrid Cells. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 223-239.	2.6	38
14	PINK1 signalling rescues amyloid pathology and mitochondrial dysfunction in Alzheimer's disease. <i>Brain</i> , 2017, 140, 3233-3251.	7.6	211
15	Increased Electron Paramagnetic Resonance Signal Correlates with Mitochondrial Dysfunction and Oxidative Stress in an Alzheimer's disease Mouse Brain. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 571-580.	2.6	36
16	Development and Dynamic Regulation of Mitochondrial Network in Human Midbrain Dopaminergic Neurons Differentiated from iPSCs. <i>Stem Cell Reports</i> , 2016, 7, 678-692.	4.8	30
17	F1FO ATP Synthase-Cyclophilin D Interaction Contributes to Diabetes-Induced Synaptic Dysfunction and Cognitive Decline. <i>Diabetes</i> , 2016, 65, 3482-3494.	0.6	41
18	Mfn2 is Required for Mitochondrial Development and Synapse Formation in Human Induced Pluripotent Stem Cells/hPSC Derived Cortical Neurons. <i>Scientific Reports</i> , 2016, 6, 31462.	3.3	74

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19	Antioxidants Rescue Mitochondrial Transport in Differentiated Alzheimer's Disease Trans-Mitochondrial Cybrid Cells. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 679-690.	2.6	32
20	Identification of a Small Molecule Cyclophilin D Inhibitor for Rescuing A $\beta$ -Mediated Mitochondrial Dysfunction. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 294-299.	2.8	38
21	Overexpression of 17 $\beta$ -hydroxysteroid dehydrogenase type 10 increases pheochromocytoma cell growth and resistance to cell death. <i>BMC Cancer</i> , 2015, 15, 166.	2.6	19
22	NR2B-dependent cyclophilin D translocation suppresses the recovery of synaptic transmission after oxygen-glucose deprivation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2225-2234.	3.8	9
23	Increased neuronal PreP activity reduces A $\beta$ accumulation, attenuates neuroinflammation and improves mitochondrial and synaptic function in Alzheimer disease's mouse model. <i>Human Molecular Genetics</i> , 2015, 24, 5198-5210.	2.9	70
24	Blockade of Drp1 rescues oxidative stress-induced osteoblast dysfunction. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 719-725.	2.1	47
25	Drp1-Mediated Mitochondrial Abnormalities Link to Synaptic Injury in Diabetes Model. <i>Diabetes</i> , 2015, 64, 1728-1742.	0.6	121
26	Multi-faced neuroprotective effects of geniposide depending on the RAGE-mediated signaling in an Alzheimer mouse model. <i>Neuropharmacology</i> , 2015, 89, 175-184.	4.1	80
27	Determination of Small Molecule ABAD Inhibitors Crossing Blood-Brain Barrier and Pharmacokinetics. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 333-344.	2.6	11
28	Oxidative stress-mediated activation of extracellular signal-regulated kinase contributes to mild cognitive impairment-related mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2014, 75, 230-240.	2.9	55
29	RAGE Inhibition in Microglia Prevents Ischemia-Dependent Synaptic Dysfunction in an Amyloid-Enriched Environment. <i>Journal of Neuroscience</i> , 2014, 34, 8749-8760.	3.6	47
30	High-resolution crystal structures of two crystal forms of human cyclophilin D in complex with PEG 400 molecules. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 717-722.	0.8	5
31	Identification of human presequence protease (hPreP) agonists for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 506-516.	5.5	25
32	Inhibition of ERK-DLP1 signaling and mitochondrial division alleviates mitochondrial dysfunction in Alzheimer's disease cybrid cell. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 220-231.	3.8	151
33	Mitochondrial permeability transition pore is a potential drug target for neurodegeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1267-1272.	3.8	232
34	Synergistic Exacerbation of Mitochondrial and Synaptic Dysfunction and Resultant Learning and Memory Deficit in a Mouse Model of Diabetic Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 451-463.	2.6	30
35	Cyclophilin D deficiency rescues A $\beta$ -impaired PKA/CREB signaling and alleviates synaptic degeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2517-2527.	3.8	73
36	The potential role of damage-associated molecular patterns derived from mitochondria in osteocyte apoptosis and bone remodeling. <i>Bone</i> , 2014, 62, 67-68.	2.9	11

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37	From a cell's viewpoint: targeting mitochondria in Alzheimer's disease. Drug Discovery Today: Therapeutic Strategies, 2013, 10, e91-e98.	0.5	4
38	RAGE is a key cellular target for Abeta-induced perturbation in Alzheimer's disease. Frontiers in Bioscience - Scholar, 2012, S4, 240.	2.1	41
39	Unlocking the Door to Neuronal Woes in Alzheimer's Disease: A $\beta$ and Mitochondrial Permeability Transition Pore. Pharmaceuticals, 2010, 3, 1936-1948.	3.8	12