

# Elisa Mitiko Kawamoto

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

2,469  
citations

249298

26  
h-index

252626

46  
g-index

46  
all docs

46  
docs citations

46  
times ranked

4566  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Janus face of ouabain in Na <sup>+</sup> /K <sup>+</sup> -ATPase and calcium signalling in neurons. <i>British Journal of Pharmacology</i> , 2022, 179, 1512-1524.	2.7	12
2	The role of PTEN signaling in synaptic function: Implications in autism spectrum disorder. <i>Neuroscience Letters</i> , 2021, 759, 136015.	1.0	9
3	Inverse sex-based expression profiles of PTEN and Klotho in mice. <i>Scientific Reports</i> , 2020, 10, 20189.	1.6	7
4	Effects of Physical Exercise on Autophagy and Apoptosis in Aged Brain: Human and Animal Studies. <i>Frontiers in Nutrition</i> , 2020, 7, 94.	1.6	27
5	Insulin and Autophagy in Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 491.	1.4	38
6	Activity-dependent neuronal Klotho enhances astrocytic aerobic glycolysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1544-1556.	2.4	31
7	Ouabain increases neuronal branching in hippocampus and improves spatial memory. <i>Neuropharmacology</i> , 2018, 140, 260-274.	2.0	15
8	Intermittent fasting uncovers and rescues cognitive phenotypes in PTEN neuronal haploinsufficient mice. <i>Scientific Reports</i> , 2018, 8, 8595.	1.6	16
9	The relevance of KLOTHO to the central nervous system: Some key questions. <i>Ageing Research Reviews</i> , 2017, 36, 137-148.	5.0	44
10	Alpha 2 Na <sup>+</sup> ,K <sup>+</sup> -ATPase silencing induces loss of inflammatory response and ouabain protection in glial cells. <i>Scientific Reports</i> , 2017, 7, 4894.	1.6	28
11	The Role of Steroid Hormones in the Modulation of Neuroinflammation by Dietary Interventions. <i>Frontiers in Endocrinology</i> , 2016, 7, 9.	1.5	28
12	Cardiotonic Steroids as Modulators of Neuroinflammation. <i>Frontiers in Endocrinology</i> , 2016, 7, 10.	1.5	26
13	The Influence of Na <sup>+</sup> , K <sup>+</sup> -ATPase on Glutamate Signaling in Neurodegenerative Diseases and Senescence. <i>Frontiers in Physiology</i> , 2016, 7, 195.	1.3	49
14	Effects of intermittent fasting on age-related changes on Na,K-ATPase activity and oxidative status induced by lipopolysaccharide in rat hippocampus. <i>Neurobiology of Aging</i> , 2015, 36, 1914-1923.	1.5	34
15	Altered KLOTHO and NF- $\kappa$ B-TNF- $\alpha$ Signaling Are Correlated with Nephrectomy-Induced Cognitive Impairment in Rats. <i>PLoS ONE</i> , 2015, 10, e0125271.	1.1	38
16	Age-related neuroinflammation and changes in AKT-GSK-3 $\beta$ and WNT/ $\beta$ -CATENIN signaling in rat hippocampus. <i>Aging</i> , 2015, 7, 1094-1108.	1.4	76
17	Longevity Pathways (mTOR, SIRT, Insulin/IGF-1) as Key Modulatory Targets on Aging and Neurodegeneration. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 2116-2138.	1.0	73
18	Signaling function of Na,K-ATPase induced by ouabain against LPS as an inflammation model in hippocampus. <i>Journal of Neuroinflammation</i> , 2014, 11, 218.	3.1	46

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19	Intermittent fasting attenuates lipopolysaccharide-induced neuroinflammation and memory impairment. <i>Journal of Neuroinflammation</i> , 2014, 11, 85.	3.1	151
20	TLR4-dependent metabolic changes are associated with cognitive impairment in an animal model of type 1 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 731-737.	1.0	20
21	Curcumin Requires Tumor Necrosis Factor $\alpha$ Signaling to Alleviate Cognitive Impairment Elicited by Lipopolysaccharide. <i>NeuroSignals</i> , 2013, 21, 75-88.	0.5	23
22	Ouabain activates NF $\kappa$ B through an NMDA signaling pathway in cultured cerebellar cells. <i>Neuropharmacology</i> , 2013, 73, 327-336.	2.0	32
23	Nicotinamide forestalls pathology and cognitive decline in Alzheimer mice: evidence for improved neuronal bioenergetics and autophagy procession. <i>Neurobiology of Aging</i> , 2013, 34, 1564-1580.	1.5	181
24	Naphthazarin protects against glutamate-induced neuronal death via activation of the Nrf2/ARE pathway. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 602-606.	1.0	29
25	Evidence for miR $\alpha$ 181 involvement in neuroinflammatory responses of astrocytes. <i>Glia</i> , 2013, 61, 1018-1028.	2.5	208
26	Age-related changes in nitric oxide activity, cyclic GMP, and TBARS levels in platelets and erythrocytes reflect the oxidative status in central nervous system. <i>Age</i> , 2013, 35, 331-342.	3.0	24
27	Sonic hedgehog promotes autophagy in hippocampal neurons. <i>Biology Open</i> , 2013, 2, 499-504.	0.6	45
28	Physiology and Pathology of Calcium Signaling in the Brain. <i>Frontiers in Pharmacology</i> , 2012, 3, 61.	1.6	169
29	Influence of N $\alpha$ -methyl-D $\alpha$ -aspartate receptors on ouabain activation of nuclear factor $\kappa$ B in the rat hippocampus. <i>Journal of Neuroscience Research</i> , 2012, 90, 213-228.	1.3	35
30	Role of vascular Kinin B1 and B2 receptors in endothelial nitric oxide metabolism. <i>Peptides</i> , 2011, 32, 1700-1705.	1.2	21
31	The role of Wnt signaling and its interaction with diverse mechanisms of cellular apoptosis in the pathophysiology of bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 11-17.	2.5	18
32	Altered reactivity of gastric fundus smooth muscle in the mouse with targeted disruption of the kinin B1 receptor gene. <i>Peptides</i> , 2009, 30, 901-905.	1.2	2
33	Cocaine induces cell death and activates the transcription nuclear factor kappa-b in pc12 cells. <i>Molecular Brain</i> , 2009, 2, 3.	1.3	54
34	Apolipoprotein E genotype is related to nitric oxide production in platelets. <i>Cell Biochemistry and Function</i> , 2008, 26, 852-858.	1.4	16
35	Age-related changes in cerebellar phosphatase-1 reduce Na,K-ATPase activity. <i>Neurobiology of Aging</i> , 2008, 29, 1712-1720.	1.5	10
36	Peripheral biomarkers of oxidative stress in aging and Alzheimer's disease. <i>Dementia E Neuropsychologia</i> , 2008, 2, 2-8.	0.3	14

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37	Changes in vascular reactivity following administration of isoproterenol for 1 week: a role for endothelial modulation. <i>British Journal of Pharmacology</i> , 2006, 148, 629-639.	2.7	46
38	Chronic Unpredictable Stress Exacerbates Lipopolysaccharide-Induced Activation of Nuclear Factor- $\kappa$ B in the Frontal Cortex and Hippocampus via Glucocorticoid Secretion. <i>Journal of Neuroscience</i> , 2006, 26, 3813-3820.	1.7	238
39	Glutamate modulates sodium-potassium-ATPase through cyclic GMP and cyclic GMP-dependent protein kinase in rat striatum. <i>Cell Biochemistry and Function</i> , 2005, 23, 115-123.	1.4	29
40	Oxidative state in platelets and erythrocytes in aging and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2005, 26, 857-864.	1.5	110
41	Age-related changes in cyclic GMP and PKG-stimulated cerebellar Na,K-ATPase activity. <i>Neurobiology of Aging</i> , 2005, 26, 907-916.	1.5	45
42	Changes in sodium, potassium-ATPase induced by repeated fencamfamine: the roles of cyclic AMP-dependent protein kinase and the nitric oxide-cyclic GMP pathway. <i>Neuropharmacology</i> , 2003, 45, 1151-1159.	2.0	7
43	MK-801 and 7-Ni attenuate the activation of brain NF- $\kappa$ B induced by LPS. <i>Neuropharmacology</i> , 2003, 45, 1120-1129.	2.0	75
44	Intrauterine undernutrition: expression and activity of the endothelial nitric oxide synthase in male and female adult offspring. <i>Cardiovascular Research</i> , 2002, 56, 145-153.	1.8	139
45	Enhanced Oxidative Stress As a Potential Mechanism Underlying the Programming of Hypertension In Utero. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 40, 501-509.	0.8	121
46	Panic disorder patients have reduced cyclic AMP in platelets. <i>Journal of Psychiatric Research</i> , 2002, 36, 105-110.	1.5	10