Toshiko Yamazawa

List of Publications by Year
in descending order

17	483	759233 12	839539 18
papers	citations	h-index	g-index

20	20	20	753
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel RyR1-selective inhibitor prevents and rescues sudden death in mouse models of malignant hyperthermia and heat stroke. Nature Communications, 2021, 12, 4293.	12.8	26
2	Regulatory mechanisms of ryanodine receptor/Ca2+ release channel revealed by recent advancements in structural studies. Journal of Muscle Research and Cell Motility, 2021, 42, 291-304.	2.0	31
3	Insights into channel modulation mechanism of RYR1 mutants using Ca2+ imaging and molecular dynamics. Journal of General Physiology, 2020, 152, .	1.9	8
4	Single-cell temperature mapping with fluorescent thermometer nanosheets. Journal of General Physiology, 2020, 152, .	1.9	16
5	Primary cultured neuronal networks and type 2 diabetes model mouse fatty liver tissues in aqueous liquid observed by atmospheric SEM (ASEM): Staining preferences of metal solutions. Micron, 2019, 118, 9-21.	2.2	10
6	CLEM of Neurons, Tissues and Biofilms immersed in Liquid using The Atmospheric Scanning Electron Microscope (ASEM): Dual Gold-Labeling. Microscopy and Microanalysis, 2018, 24, 340-341.	0.4	0
7	Correlative lightâ€“electron microscopy in liquid usingÂan inverted SEM (ASEM). Methods in Cell Biology, 2017, 140, 187-213.	1.1	2
8	Essential Roles of Natural Products and Gaseous Mediators on Neuronal Cell Death or Survival. International Journal of Molecular Sciences, 2016, 17, 1652.	4.1	12
9	Genotype-Phenotype Correlations of Malignant Hyperthermia and Central Core Disease Mutations in the Central Region of the RYR1 Channel. Human Mutation, 2016, 37, 1231-1241.	2.5	48
10	Secretory glands and microvascular systems imaged in aqueous solution by atmospheric scanning electron microscopy (ASEM). Microscopy Research and Technique, 2016, 79, 1179-1187.	2.2	15
11	Nitric Oxide-induced Activation of the Type 1 Ryanodine Receptor Is Critical for Epileptic Seizure-induced Neuronal Cell Death. EBioMedicine, 2016, 11, 253-261.	6.1	29
12	Divergent Activity Profiles of Type 1 Ryanodine Receptor Channels Carrying Malignant Hyperthermia and Central Core Disease Mutations in the Amino-Terminal Region. PLoS ONE, 2015, 10, e0130606.	2.5	43
13	Chlorogenic acid, a polyphenol in coffee, protects neurons against glutamate neurotoxicity. Life Sciences, 2015, 139, 69-74.	4.3	83
14	Construction and Expression of Ryanodine Receptor Mutants Relevant to Malignant Hyperthermia Patients in Japan. The Showa University Journal of Medical Sciences, 2014, 26, 27-38.	0.1	6
15	Nitric oxide-induced calcium release. Channels, 2013, 7, 1-5.	2.8	33
16	Nitric oxide-induced calcium release via ryanodine receptors regulates neuronal function. EMBO Journal, 2012, 31, 417-428.	7.8	97
17	Temporal switching and cellâ€toâ€cell variability in Ca ²⁺ release activity in mammalian cells. Molecular Systems Biology, 2009, 5, 247.	7.2	22