Akiyuki Nishimura

List of Publications by Year
in descending order

20 papers	963 citations	687363 13 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	1254 citing authors

#	Article	IF	Citations
1	Cardiac robustness regulated by reactive sulfur species. Journal of Clinical Biochemistry and Nutrition, 2022, 70, 1-6.	1.4	3
2	Redox-dependent internalization of the purinergic P2Y ₆ receptor limits colitis progression. Science Signaling, 2022, 15, eabj0644.	3.6	12
3	Drug repurposing for the treatment of COVID-19. Journal of Pharmacological Sciences, 2022, 149, 108-114.	2.5	12
4	4. Eco-pharma Research Aimed at Therapeutic Agents for Amyotrophic Diseases. Japanese Journal of Clinical Pharmacology and Therapeutics, 2021, 52, 39-42.	0.1	0
5	Deletion of TRPC3 or TRPC6 Fails to Attenuate the Formation of Inflammation and Fibrosis in Non-alcoholic Steatohepatitis. Biological and Pharmaceutical Bulletin, 2021, 44, 431-436.	1.4	7
6	Modulation of P2Y6R expression exacerbates pressure overload-induced cardiac remodeling in mice. Scientific Reports, 2020, 10, 13926.	3.3	11
7	Canonical Transient Receptor Potential Channels and Vascular Smooth Muscle Cell Plasticity. Journal of Lipid and Atherosclerosis, 2020, 9, 124.	3.5	16
8	Depolysulfidation of Drp1 induced by low-dose methylmercury exposure increases cardiac vulnerability to hemodynamic overload. Science Signaling, 2019, 12, .	3.6	25
9	TRPC3-Nox2 axis mediates nutritional deficiency-induced cardiomyocyte atrophy. Scientific Reports, 2019, 9, 9785.	3.3	18
10	Ibudilast attenuates doxorubicinâ€induced cytotoxicity by suppressing formation of TRPC3 channel and NADPH oxidase 2 protein complexes. British Journal of Pharmacology, 2019, 176, 3723-3738.	5.4	30
11	TRPC6 regulates phenotypic switching of vascular smooth muscle cells through plasma membrane potentialâ€dependent coupling with PTEN. FASEB Journal, 2019, 33, 9785-9796.	0.5	27
12	Hypoxia-induced interaction of filamin with Drp1 causes mitochondrial hyperfissionâ€“associated myocardial senescence. Science Signaling, 2018, 11, .	3.6	83
13	TRPC5-eNOS Axis Negatively Regulates ATP-Induced Cardiomyocyte Hypertrophy. Frontiers in Pharmacology, 2018, 9, 523.	3.5	20
14	Cysteinyl-tRNA synthetase governs cysteine polysulfidation and mitochondrial bioenergetics. Nature Communications, 2017, 8, 1177.	12.8	373
15	TRPC6 counteracts TRPC3-Nox2 protein complex leading to attenuation of hyperglycemia-induced heart failure in mice. Scientific Reports, 2017, 7, 7511.	3.3	21
16	Purinergic P2Y receptors: Molecular diversity and implications for treatment of cardiovascular diseases. , 2017, 180, 113-128.		48
17	TRPC3-Nox2 complex mediates doxorubicin-induced myocardial atrophy. JCI Insight, 2017, 2, .	5.0	50
18	TRPC3-GEF-H1 axis mediates pressure overload-induced cardiac fibrosis. Scientific Reports, 2016, 6, 39383.	3.3	60

#	Article	IF	Citations
19	TRPC3 positively regulates reactive oxygen species driving maladaptive cardiac remodeling. Scientific Reports, 2016, 6, 37001.	3.3	80
20	Purinergic P2Y ₆ receptors heterodimerize with angiotensin AT1 receptors to promote angiotensin IIâ€“induced hypertension. Science Signaling, 2016, 9, ra7.	3.6	63