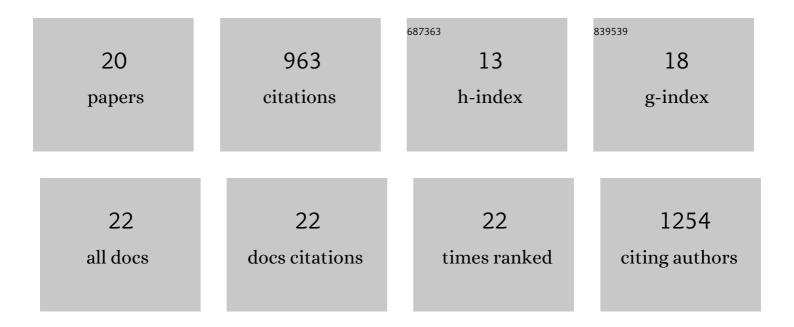
## Akiyuki Nishimura

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8286663/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Cysteinyl-tRNA synthetase governs cysteine polysulfidation and mitochondrial bioenergetics. Nature Communications, 2017, 8, 1177.	12.8	373
2	Hypoxia-induced interaction of filamin with Drp1 causes mitochondrial hyperfission–associated myocardial senescence. Science Signaling, 2018, 11, .	3.6	83
3	TRPC3 positively regulates reactive oxygen species driving maladaptive cardiac remodeling. Scientific Reports, 2016, 6, 37001.	3.3	80
4	Purinergic P2Y <sub>6</sub> receptors heterodimerize with angiotensin AT1 receptors to promote angiotensin II–induced hypertension. Science Signaling, 2016, 9, ra7.	3.6	63
5	TRPC3-GEF-H1 axis mediates pressure overload-induced cardiac fibrosis. Scientific Reports, 2016, 6, 39383.	3.3	60
6	TRPC3-Nox2 complex mediates doxorubicin-induced myocardial atrophy. JCI Insight, 2017, 2, .	5.0	50
7	Purinergic P2Y receptors: Molecular diversity and implications for treatment of cardiovascular diseases. , 2017, 180, 113-128.		48
8	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
9	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
10	Depolysulfidation of Drp1 induced by low-dose methylmercury exposure increases cardiac vulnerability to hemodynamic overload. Science Signaling, 2019, 12, .	3.6	25
11	TRPC6 counteracts TRPC3-Nox2 protein complex leading to attenuation of hyperglycemia-induced heart failure in mice. Scientific Reports, 2017, 7, 7511.	3.3	21
12	TRPC5-eNOS Axis Negatively Regulates ATP-Induced Cardiomyocyte Hypertrophy. Frontiers in Pharmacology, 2018, 9, 523.	3.5	20
13	TRPC3-Nox2 axis mediates nutritional deficiency-induced cardiomyocyte atrophy. Scientific Reports, 2019, 9, 9785.	3.3	18
14	Canonical Transient Receptor Potential Channels and Vascular Smooth Muscle Cell Plasticity. Journal of Lipid and Atherosclerosis, 2020, 9, 124.	3.5	16
15	Redox-dependent internalization of the purinergic P2Y <sub>6</sub> receptor limits colitis progression. Science Signaling, 2022, 15, eabj0644.	3.6	12
16	Drug repurposing for the treatment of COVID-19. Journal of Pharmacological Sciences, 2022, 149, 108-114.	2.5	12
17	Modulation of P2Y6R expression exacerbates pressure overload-induced cardiac remodeling in mice. Scientific Reports, 2020, 10, 13926.	3.3	11
18	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

#	Article	IF	CITATIONS
19	Cardiac robustness regulated by reactive sulfur species. Journal of Clinical Biochemistry and Nutrition, 2022, 70, 1-6.	1.4	3
20	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