

Akiyuki Nishimura

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8286663/publications.pdf>

Version: 2024-02-01

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	CysteinyI-tRNA synthetase governs cysteine polysulfidation and mitochondrial bioenergetics. <i>Nature Communications</i> , 2017, 8, 1177.	12.8	373
2	Hypoxia-induced interaction of filamin with Drp1 causes mitochondrial hyperfission-associated myocardial senescence. <i>Science Signaling</i> , 2018, 11, .	3.6	83
3	TRPC3 positively regulates reactive oxygen species driving maladaptive cardiac remodeling. <i>Scientific Reports</i> , 2016, 6, 37001.	3.3	80
4	Purinergic P2Y ₆ receptors heterodimerize with angiotensin AT1 receptors to promote angiotensin II-induced hypertension. <i>Science Signaling</i> , 2016, 9, ra7.	3.6	63
5	TRPC3-GEF-H1 axis mediates pressure overload-induced cardiac fibrosis. <i>Scientific Reports</i> , 2016, 6, 39383.	3.3	60
6	TRPC3-Nox2 complex mediates doxorubicin-induced myocardial atrophy. <i>JCI Insight</i> , 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 doxorubicin-induced cytotoxicity by suppressing formation of TRPC3 channel and NADPH oxidase 2 protein complexes. <i>British Journal of Pharmacology</i> , 2019, 176, 3723-3738.	5.4	30
9	TRPC6 regulates phenotypic switching of vascular smooth muscle cells through plasma membrane potential-dependent coupling with PTEN. <i>FASEB Journal</i> , 2019, 33, 9785-9796.	0.5	27
10	Depolysulfidation of Drp1 induced by low-dose methylmercury exposure increases cardiac vulnerability to hemodynamic overload. <i>Science Signaling</i> , 2019, 12, .	3.6	25
11	TRPC6 counteracts TRPC3-Nox2 protein complex leading to attenuation of hyperglycemia-induced heart failure in mice. <i>Scientific Reports</i> , 2017, 7, 7511.	3.3	21
12	TRPC5-eNOS Axis Negatively Regulates ATP-Induced Cardiomyocyte Hypertrophy. <i>Frontiers in Pharmacology</i> , 2018, 9, 523.	3.5	20
13	TRPC3-Nox2 axis mediates nutritional deficiency-induced cardiomyocyte atrophy. <i>Scientific Reports</i> , 2019, 9, 9785.	3.3	18
14	Canonical Transient Receptor Potential Channels and Vascular Smooth Muscle Cell Plasticity. <i>Journal of Lipid and Atherosclerosis</i> , 2020, 9, 124.	3.5	16
15	Redox-dependent internalization of the purinergic P2Y ₆ receptor limits colitis progression. <i>Science Signaling</i> , 2022, 15, eabj0644.	3.6	12
16	Drug repurposing for the treatment of COVID-19. <i>Journal of Pharmacological Sciences</i> , 2022, 149, 108-114.	2.5	12
17	Modulation of P2Y6R expression exacerbates pressure overload-induced cardiac remodeling in mice. <i>Scientific Reports</i> , 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. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 431-436.	1.4	7

#	ARTICLE	IF	CITATIONS
19	Cardiac robustness regulated by reactive sulfur species. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2022, 70, 1-6.	1.4	3
20	4. Eco-pharma Research Aimed at Therapeutic Agents for Amyotrophic Diseases. <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , 2021, 52, 39-42.	0.1	0