Yuichiro J Suzuki

List of Publications by Year in Descending Order

55 papers	2,461 citations	20 h-index	49 g-index
96 ext. papers	2,874 ext. citations	5.7 avg, IF	5.34 L-index

#	Paper	IF	Citations
55	Investigation of PAS and CNBH domain interactions in hERG channels and effects of long-QT syndrome-causing mutations with surface plasmon resonance. *Journal of Biological Chemistry*, **2021**, 101433	5.4	
54	SARS-CoV-2 Spike Protein and Lung Vascular Cells. *Journal of Respiration*, **2021**, 1, 40-48	0	4
53	SARS-CoV-2 spike protein-mediated cell signaling in lung vascular cells. *Vascular Pharmacology*, **2021**, 137, 106823	5.9	33
52	SARS-CoV-2 Spike Protein Elicits Cell Signaling in Human Host Cells: Implications for Possible Consequences of COVID-19 Vaccines. *Vaccines*, **2021**, 9,	5.3	16
51	COVID-19 patients may become predisposed to pulmonary arterial hypertension. *Medical Hypotheses*, **2021**, 147, 110483	3.8	19
50	Viral Infection and Cardiovascular Disease: Implications for the Molecular Basis of COVID-19 Pathogenesis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	6
49	Protein Expression of Angiotensin-Converting Enzyme 2 (ACE2) is Upregulated in Brains with Alzheimer‡s Disease. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	19
48	Effects induced by a 50 Hz electromagnetic field and doxorubicin on Walker-256 carcinosarcoma growth and hepatic redox state in rats. *Electromagnetic Biology and Medicine*, **2021**, 40, 475-487	2.2	0
47	The viral protein fragment theory of COVID-19 pathogenesis. *Medical Hypotheses*, **2020**, 144, 110267	3.8	5
46	Angiotensin-converting enzyme 2 (ACE2) is upregulated in Alzheimer‡s disease brain **2020**,		13
45	Increased Smooth Muscle Kv11.1 Channel Expression in Pulmonary Hypertension and Protective Role of Kv11.1 Channel Blocker Dofetilide. *American Journal of Pathology*, **2020**, 190, 48-56	5.8	5
44	Tau Protein in Lung Smooth Muscle Cells. *Journal of Respiration*, **2020**, 1, 30-39	0	0
43	Protein Redox State Monitoring Studies of Thiol Reactivity. *Antioxidants*, **2019**, 8,	7.1	3
42	Transmission Electron Microscopy Study of Mitochondria in Aging Brain Synapses. *Antioxidants*, **2019**, 8,	7.1	11
41	Metabolomics Studies to Assess Biological Functions of Vitamin E Nicotinate. *Antioxidants*, **2019**, 8,	7.1	3
40	Oxidant-Mediated Protein Amino Acid Conversion. *Antioxidants*, **2019**, 8,	7.1	9
39	Juglone in Oxidative Stress and Cell Signaling. *Antioxidants*, **2019**, 8,	7.1	43

38	Antioxidant Regulation of Cell Reprogramming. *Antioxidants*, **2019**, 8,	7.1	4
37	Ultrastructural Changes of the Right Ventricular Myocytes in Pulmonary Arterial Hypertension. *Journal of the American Heart Association*, **2019**, 8, e011227	6	11
36	Effects of Bcl-2/Bcl-x Inhibitors on Pulmonary Artery Smooth Muscle Cells. *Antioxidants*, **2018**, 7,	7.1	6
35	Ligand-mediated dephosphorylation signaling for MAP kinase. *Cellular Signalling*, **2018**, 52, 147-154	4.9	6
34	Redox Biology of Right-Sided Heart Failure. *Antioxidants*, **2018**, 7,	7.1	7
33	Mechanism and Functions of Protein Decarbonylation **2017**, 97-109		1
32	Redox Signaling in the Right Ventricle. *Advances in Experimental Medicine and Biology*, **2017**, 967, 315-323	3.6	3
31	Natural reversal of pulmonary vascular remodeling and right ventricular remodeling in SU5416/hypoxia-treated Sprague-Dawley rats. *PLoS ONE*, **2017**, 12, e0182551	3.7	8
30	Docetaxel Reverses Pulmonary Vascular Remodeling by Decreasing Autophagy and Resolves Right Ventricular Fibrosis. *Journal of Pharmacology and Experimental Therapeutics*, **2017**, 363, 20-34	4.7	12
29	Vitamin E Nicotinate. *Antioxidants*, **2017**, 6,	7.1	12
28	Evidence for the oxidant-mediated amino acid conversion, a naturally occurring protein engineering process, in human cells. *F1000Research*, **2017**, 6, 594	3.6	1
27	Oxidative profiling of the failing right heart in rats with pulmonary hypertension. *PLoS ONE*, **2017**, 12, e0176887	3.7	18
26	Results supporting the concept of the oxidant-mediated protein amino acid conversion, a naturally occurring protein engineering process, in human cells. *F1000Research*, **2017**, 6, 594	3.6	2
25	Cell signaling promoting protein carbonylation does not cause sulfhydryl oxidation: Implications to the mechanism of redox signaling. *F1000Research*, **2017**, 6, 455	3.6	1
24	Modulators of right ventricular apoptosis and contractility in a rat model of pulmonary hypertension. *Cardiovascular Research*, **2016**, 110, 30-9	9.9	23
23	Carfilzomib reverses pulmonary arterial hypertension. *Cardiovascular Research*, **2016**, 110, 188-99	9.9	37
22	Major vault protein regulates cell growth/survival signaling through oxidative modifications. *Cellular Signalling*, **2016**, 28, 12-8	4.9	11
21	Major vault protein in cardiac and smooth muscle. *International Journal of Mechanical Engineering and Applications*, **2016**, 3,	1.3	3

20	Apoptosis-based therapy to treat pulmonary arterial hypertension **2016**, 1, 17-24		9
19	Differential stress response mechanisms in right and left ventricles **2016**, 1, 39-45		3
18	Mechanism of the susceptibility of remodeled pulmonary vessels to drug-induced cell killing. *Journal of the American Heart Association*, **2014**, 3, e000520	6	28
17	The role of antioxidants in the era of cardio-oncology. *Cancer Chemotherapy and Pharmacology*, **2013**, 72, 1157-68	3.5	39
16	IL-22 activates oxidant signaling in pulmonary vascular smooth muscle cells. *Cellular Signalling*, **2013**, 25, 2727-33	4.9	16
15	Mechanism of protein decarbonylation. *Free Radical Biology and Medicine*, **2013**, 65, 1126-1133	7.8	45
14	Iron chelation inhibits the development of pulmonary vascular remodeling. *Free Radical Biology and Medicine*, **2012**, 53, 1738-47	7.8	29
13	Proposed role of primary protein carbonylation in cell signaling. *Redox Report*, **2012**, 17, 90-4	5.9	39
12	Cell signaling pathways for the regulation of GATA4 transcription factor: Implications for cell growth and apoptosis. *Cellular Signalling*, **2011**, 23, 1094-9	4.9	52
11	IL-13 mediates PDGF-induced bronchial smooth muscle cell proliferation: Involvement of oxidant signaling. *FASEB Journal*, **2011**, 25, 864.4	0.9	
10	Pulmonary hypertension-induced GATA4 activation in the right ventricle. *Hypertension*, **2010**, 56, 1145-51	8.5	35
9	Cell signaling by protein carbonylation and decarbonylation. *Antioxidants and Redox Signaling*, **2010**, 12, 393-404	8.4	126
8	Protein carbonylation as a novel mechanism in redox signaling. *Circulation Research*, **2008**, 102, 310-8	15.7	144
7	Effects of intermittent hypoxia on oxidative stress-induced myocardial damage in mice. *Journal of Applied Physiology*, **2007**, 102, 1806-14	3.7	75
6	Oxidative stress in obstructive sleep apnea: Need for continuous monitoring. *Free Radical Biology and Medicine*, **2007**, 42, 895	7.8	1
5	Regulation of Bcl-xL expression in lung vascular smooth muscle. *American Journal of Respiratory Cell and Molecular Biology*, **2007**, 36, 678-87	5.7	32
4	Effects of intermittent hypoxia on the heart. *Antioxidants and Redox Signaling*, **2007**, 9, 723-9	8.4	33
3	Oxidative stress and oxidant signaling in obstructive sleep apnea and associated cardiovascular diseases. *Free Radical Biology and Medicine*, **2006**, 40, 1683-92	7.8	171

2	Redox control of growth factor signaling: recent advances in cardiovascular medicine. *Antioxidants and Redox Signaling*, **2005**, 7, 829-34	8.4	15
1	GATA-4 regulation of myocardial survival in the preconditioned heart. *Journal of Molecular and Cellular Cardiology*, **2004**, 37, 1195-203	5.8	42