

Yuichiro J Suzuki

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Oxidative stress and oxidant signaling in obstructive sleep apnea and associated cardiovascular diseases. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 1683-92	7.8	171
54	Protein carbonylation as a novel mechanism in redox signaling. <i>Circulation Research</i> , 2008 , 102, 310-8	15.7	144
53	Cell signaling by protein carbonylation and decarbonylation. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 393-404	8.4	126
52	Effects of intermittent hypoxia on oxidative stress-induced myocardial damage in mice. <i>Journal of Applied Physiology</i> , 2007 , 102, 1806-14	3.7	75
51	Cell signaling pathways for the regulation of GATA4 transcription factor: Implications for cell growth and apoptosis. <i>Cellular Signalling</i> , 2011 , 23, 1094-9	4.9	52
50	Mechanism of protein decarbonylation. <i>Free Radical Biology and Medicine</i> , 2013 , 65, 1126-1133	7.8	45
49	Juglone in Oxidative Stress and Cell Signaling. <i>Antioxidants</i> , 2019 , 8,	7.1	43
48	GATA-4 regulation of myocardial survival in the preconditioned heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2004 , 37, 1195-203	5.8	42
47	The role of antioxidants in the era of cardio-oncology. <i>Cancer Chemotherapy and Pharmacology</i> , 2013 , 72, 1157-68	3.5	39
46	Proposed role of primary protein carbonylation in cell signaling. <i>Redox Report</i> , 2012 , 17, 90-4	5.9	39
45	Carfilzomib reverses pulmonary arterial hypertension. <i>Cardiovascular Research</i> , 2016 , 110, 188-99	9.9	37
44	Pulmonary hypertension-induced GATA4 activation in the right ventricle. <i>Hypertension</i> , 2010 , 56, 1145-58	5.5	35
43	Effects of intermittent hypoxia on the heart. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 723-9	8.4	33
42	SARS-CoV-2 spike protein-mediated cell signaling in lung vascular cells. <i>Vascular Pharmacology</i> , 2021 , 137, 106823	5.9	33
41	Regulation of Bcl-xL expression in lung vascular smooth muscle. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 36, 678-87	5.7	32
40	Iron chelation inhibits the development of pulmonary vascular remodeling. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 1738-47	7.8	29
39	Mechanism of the susceptibility of remodeled pulmonary vessels to drug-induced cell killing. <i>Journal of the American Heart Association</i> , 2014 , 3, e000520	6	28

38	Modulators of right ventricular apoptosis and contractility in a rat model of pulmonary hypertension. <i>Cardiovascular Research</i> , 2016 , 110, 30-9	9.9	23
37	COVID-19 patients may become predisposed to pulmonary arterial hypertension. <i>Medical Hypotheses</i> , 2021 , 147, 110483	3.8	19
36	Protein Expression of Angiotensin-Converting Enzyme 2 (ACE2) is Upregulated in Brains with Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	19
35	Oxidative profiling of the failing right heart in rats with pulmonary hypertension. <i>PLoS ONE</i> , 2017 , 12, e0176887	3.7	18
34	IL-22 activates oxidant signaling in pulmonary vascular smooth muscle cells. <i>Cellular Signalling</i> , 2013 , 25, 2727-33	4.9	16
33	SARS-CoV-2 Spike Protein Elicits Cell Signaling in Human Host Cells: Implications for Possible Consequences of COVID-19 Vaccines. <i>Vaccines</i> , 2021 , 9,	5.3	16
32	Redox control of growth factor signaling: recent advances in cardiovascular medicine. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 829-34	8.4	15
31	Angiotensin-converting enzyme 2 (ACE2) is upregulated in Alzheimer's disease brain 2020 ,		13
30	Docetaxel Reverses Pulmonary Vascular Remodeling by Decreasing Autophagy and Resolves Right Ventricular Fibrosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 363, 20-34	4.7	12
29	Vitamin E Nicotinate. <i>Antioxidants</i> , 2017 , 6,	7.1	12
28	Transmission Electron Microscopy Study of Mitochondria in Aging Brain Synapses. <i>Antioxidants</i> , 2019 , 8,	7.1	11
27	Major vault protein regulates cell growth/survival signaling through oxidative modifications. <i>Cellular Signalling</i> , 2016 , 28, 12-8	4.9	11
26	Ultrastructural Changes of the Right Ventricular Myocytes in Pulmonary Arterial Hypertension. <i>Journal of the American Heart Association</i> , 2019 , 8, e011227	6	11
25	Oxidant-Mediated Protein Amino Acid Conversion. <i>Antioxidants</i> , 2019 , 8,	7.1	9
24	Apoptosis-based therapy to treat pulmonary arterial hypertension 2016 , 1, 17-24		9
23	Natural reversal of pulmonary vascular remodeling and right ventricular remodeling in SU5416/hypoxia-treated Sprague-Dawley rats. <i>PLoS ONE</i> , 2017 , 12, e0182551	3.7	8
22	Redox Biology of Right-Sided Heart Failure. <i>Antioxidants</i> , 2018 , 7,	7.1	7
21	Viral Infection and Cardiovascular Disease: Implications for the Molecular Basis of COVID-19 Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6

20	Effects of Bcl-2/Bcl-x Inhibitors on Pulmonary Artery Smooth Muscle Cells. <i>Antioxidants</i> , 2018 , 7,	7.1	6
19	Ligand-mediated dephosphorylation signaling for MAP kinase. <i>Cellular Signalling</i> , 2018 , 52, 147-154	4.9	6
18	The viral protein fragment theory of COVID-19 pathogenesis. <i>Medical Hypotheses</i> , 2020 , 144, 110267	3.8	5
17	Increased Smooth Muscle Kv11.1 Channel Expression in Pulmonary Hypertension and Protective Role of Kv11.1 Channel Blocker Dofetilide. <i>American Journal of Pathology</i> , 2020 , 190, 48-56	5.8	5
16	Antioxidant Regulation of Cell Reprogramming. <i>Antioxidants</i> , 2019 , 8,	7.1	4
15	SARS-CoV-2 Spike Protein and Lung Vascular Cells. <i>Journal of Respiration</i> , 2021 , 1, 40-48	0	4
14	Redox Signaling in the Right Ventricle. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 967, 315-323	3.6	3
13	Protein Redox State Monitoring Studies of Thiol Reactivity. <i>Antioxidants</i> , 2019 , 8,	7.1	3
12	Metabolomics Studies to Assess Biological Functions of Vitamin E Nicotinate. <i>Antioxidants</i> , 2019 , 8,	7.1	3
11	Major vault protein in cardiac and smooth muscle. <i>International Journal of Mechanical Engineering and Applications</i> , 2016 , 3,	1.3	3
10	Differential stress response mechanisms in right and left ventricles 2016 , 1, 39-45		3
9	Results supporting the concept of the oxidant-mediated protein amino acid conversion, a naturally occurring protein engineering process, in human cells. <i>F1000Research</i> , 2017 , 6, 594	3.6	2
8	Mechanism and Functions of Protein Decarboxylation 2017 , 97-109		1
7	Oxidative stress in obstructive sleep apnea: Need for continuous monitoring. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 895	7.8	1
6	Evidence for the oxidant-mediated amino acid conversion, a naturally occurring protein engineering process, in human cells. <i>F1000Research</i> , 2017 , 6, 594	3.6	1
5	Cell signaling promoting protein carbonylation does not cause sulfhydryl oxidation: Implications to the mechanism of redox signaling. <i>F1000Research</i> , 2017 , 6, 455	3.6	1
4	Tau Protein in Lung Smooth Muscle Cells. <i>Journal of Respiration</i> , 2020 , 1, 30-39	0	0
3	Effects induced by a 50 Hz electromagnetic field and doxorubicin on Walker-256 carcinosarcoma growth and hepatic redox state in rats. <i>Electromagnetic Biology and Medicine</i> , 2021 , 40, 475-487	2.2	0

- 2 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
- 1 IL-13 mediates PDGF-induced bronchial smooth muscle cell proliferation: Involvement of oxidant signaling. *FASEB Journal*, **2011**, 25, 864.4 0.9