Yuichiro J Suzuki

List of Publications by Year in descending order

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57 papers	3,164 citations	279487 23 h-index	161609 54 g-index
96 all docs	96 docs citations	96 times ranked	5018 citing authors

#	Article	IF	Citations
1	Protein Carbonylation. Antioxidants and Redox Signaling, 2010, 12, 323-325.	2.5	311
2	Oxidative stress and oxidant signaling in obstructive sleep apnea and associated cardiovascular diseases. Free Radical Biology and Medicine, 2006, 40, 1683-1692.	1.3	198
3	Protein Carbonylation as a Novel Mechanism in Redox Signaling. Circulation Research, 2008, 102, 310-318.	2.0	164
4	Cell Signaling by Protein Carbonylation and Decarbonylation. Antioxidants and Redox Signaling, 2010, 12, 393-404.	2.5	146
5	Juglone in Oxidative Stress and Cell Signaling. Antioxidants, 2019, 8, 91.	2.2	95
6	Effects of intermittent hypoxia on oxidative stress-induced myocardial damage in mice. Journal of Applied Physiology, 2007, 102, 1806-1814.	1.2	85
7	SARS-CoV-2 spike protein-mediated cell signaling in lung vascular cells. Vascular Pharmacology, 2021, 137, 106823.	1.0	64
8	Cell signaling pathways for the regulation of GATA4 transcription factor: Implications for cell growth and apoptosis. Cellular Signalling, 2011, 23, 1094-1099.	1.7	62
9	Protein Expression of Angiotensin-Converting Enzyme 2 (ACE2) is Upregulated in Brains with Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2021, 22, 1687.	1.8	61
10	The role of antioxidants in the era of cardio-oncology. Cancer Chemotherapy and Pharmacology, 2013, 72, 1157-1168.	1.1	57
11	Mechanism of protein decarbonylation. Free Radical Biology and Medicine, 2013, 65, 1126-1133.	1.3	53
12	GATA-4 regulation of myocardial survival in the preconditioned heart. Journal of Molecular and Cellular Cardiology, 2004, 37, 1195-1203.	0.9	47
13	Carfilzomib reverses pulmonary arterial hypertension. Cardiovascular Research, 2016, 110, 188-199.	1.8	47
14	Proposed role of primary protein carbonylation in cell signaling. Redox Report, 2012, 17, 90-94.	1.4	45
15	SARS-CoV-2 Spike Protein Elicits Cell Signaling in Human Host Cells: Implications for Possible Consequences of COVID-19 Vaccines. Vaccines, 2021, 9, 36.	2.1	41
16	Effects of Intermittent Hypoxia on the Heart. Antioxidants and Redox Signaling, 2007, 9, 723-729.	2.5	40
17	Pulmonary Hypertension-Induced GATA4 Activation in the Right Ventricle. Hypertension, 2010, 56, 1145-1151.	1.3	40
18	Iron chelation inhibits the development of pulmonary vascular remodeling. Free Radical Biology and Medicine, 2012, 53, 1738-1747.	1.3	39

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19	COVID-19 patients may become predisposed to pulmonary arterial hypertension. Medical Hypotheses, 2021, 147, 110483.	0.8	37
20	Modulators of right ventricular apoptosis and contractility in a rat model of pulmonary hypertension. Cardiovascular Research, 2016, 110, 30-39.	1.8	35
21	Regulation of Bcl-xLExpression in Lung Vascular Smooth Muscle. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 678-687.	1.4	34
22	Mechanism of the Susceptibility of Remodeled Pulmonary Vessels to Drugâ€Induced Cell Killing. Journal of the American Heart Association, 2014, 3, e000520.	1.6	32
23	Ultrastructural Changes of the Right Ventricular Myocytes in Pulmonary Arterial Hypertension. Journal of the American Heart Association, 2019, 8, e011227.	1.6	26
24	Transmission Electron Microscopy Study of Mitochondria in Aging Brain Synapses. Antioxidants, 2019, 8, 171.	2.2	25
25	Oxidative profiling of the failing right heart in rats with pulmonary hypertension. PLoS ONE, 2017, 12, e0176887.	1.1	24
26	Redox Control of Growth Factor Signaling: Recent Advances in Cardiovascular Medicine. Antioxidants and Redox Signaling, 2005, 7, 829-834.	2.5	19
27	IL-22 activates oxidant signaling in pulmonary vascular smooth muscle cells. Cellular Signalling, 2013, 25, 2727-2733.	1.7	17
28	Major vault protein regulates cell growth/survival signaling through oxidative modifications. Cellular Signalling, 2016, 28, 12-18.	1.7	17
29	Vitamin E Nicotinate. Antioxidants, 2017, 6, 20.	2.2	17
30	Viral Infection and Cardiovascular Disease: Implications for the Molecular Basis of COVID-19 Pathogenesis. International Journal of Molecular Sciences, 2021, 22, 1659.	1.8	16
31	Docetaxel Reverses Pulmonary Vascular Remodeling by Decreasing Autophagy and Resolves Right Ventricular Fibrosis. Journal of Pharmacology and Experimental Therapeutics, 2017, 363, 20-34.	1.3	15
32	Redox Biology of Right-Sided Heart Failure. Antioxidants, 2018, 7, 106.	2.2	15
33	Natural reversal of pulmonary vascular remodeling and right ventricular remodeling in SU5416/hypoxia-treated Sprague-Dawley rats. PLoS ONE, 2017, 12, e0182551.	1.1	14
34	Oxidant-Mediated Protein Amino Acid Conversion. Antioxidants, 2019, 8, 50.	2.2	13
35	The viral protein fragment theory of COVID-19 pathogenesis. Medical Hypotheses, 2020, 144, 110267.	0.8	11
36	Effects of Bcl-2/Bcl-xL Inhibitors on Pulmonary Artery Smooth Muscle Cells. Antioxidants, 2018, 7, 150.	2.2	10

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37	Apoptosis-based therapy to treat pulmonary arterial hypertension. , 2016, 1, 17-24.		9
38	Ligand-mediated dephosphorylation signaling for MAP kinase. Cellular Signalling, 2018, 52, 147-154.	1.7	8
39	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.	1.9	8
40	Antioxidant Regulation of Cell Reprogramming. Antioxidants, 2019, 8, 323.	2.2	7
41	Protein Redox State Monitoring Studies of Thiol Reactivity. Antioxidants, 2019, 8, 143.	2.2	6
42	Metabolomics Studies to Assess Biological Functions of Vitamin E Nicotinate. Antioxidants, 2019, 8, 127.	2.2	6
43	SARS-CoV-2 Spike Protein and Lung Vascular Cells. Journal of Respiration, 2021, 1, 40-48.	0.4	6
44	Redox Signaling in the Right Ventricle. Advances in Experimental Medicine and Biology, 2017, 967, 315-323.	0.8	5
45	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.	0.7	5
46	Tau Protein in Lung Smooth Muscle Cells. Journal of Respiration, 2020, 1, 30-39.	0.4	4
47	Major vault protein in cardiac and smooth muscle. International Journal of Mechanical Engineering and Applications, 2016, 3, .	0.3	3
48	Differential stress response mechanisms in right and left ventricles. , 2016, 1, 39-45.		3
49	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.	0.8	2
50	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, 2022, 298, 101433.	1.6	2
51	Oxidative stress in obstructive sleep apnea: Need for continuous monitoring. Free Radical Biology and Medicine, 2007, 42, 895.	1.3	1
52	Vasa Vasorum Lumen Narrowing in Brain Vascular Hyalinosis in Systemic Hypertension Patients Who Died of Ischemic Stroke. International Journal of Molecular Sciences, 2020, 21, 9611.	1.8	1
53	Evidence for the oxidant-mediated amino acid conversion, a naturally occurring protein engineering process, in human cells. F1000Research, 2017, 6, 594.	0.8	1
54	Cell signaling promoting protein carbonylation does not cause sulfhydryl oxidation: Implications to the mechanism of redox signaling. F1000Research, 2017, 6, 455.	0.8	1

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55	ILâ€13 mediates PDGFâ€induced bronchial smooth muscle cell proliferation: Involvement of oxidant signaling. FASEB Journal, 2011, 25, 864.4.	0.2	0
56	Evidence for the Role of Cell Reprogramming in Naturally Occurring Cardiac Repair. , 0, , .		0
57	Post-Translationally Regulated Protein Arginine-to-Proline Conversion in Alzheimerâ€™s Brains. Life, 2022, 12, 967.	1.1	0