

# Nataliia V Shults

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

408  
citations

933447

10  
h-index

794594

19  
g-index

26  
all docs

26  
docs citations

26  
times ranked

684  
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 spike protein-mediated cell signaling in lung vascular cells. <i>Vascular Pharmacology</i> , 2021, 137, 106823.	2.1	64
2	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, 1687.	4.1	61
3	Carfilzomib reverses pulmonary arterial hypertension. <i>Cardiovascular Research</i> , 2016, 110, 188-199.	3.8	47
4	COVID-19 patients may become predisposed to pulmonary arterial hypertension. <i>Medical Hypotheses</i> , 2021, 147, 110483.	1.5	37
5	Modulators of right ventricular apoptosis and contractility in a rat model of pulmonary hypertension. <i>Cardiovascular Research</i> , 2016, 110, 30-39.	3.8	35
6	Transmission Electron Microscopy Study of Mitochondria in Aging Brain Synapses. <i>Antioxidants</i> , 2019, 8, 171.	5.1	25
7	Oxidative profiling of the failing right heart in rats with pulmonary hypertension. <i>PLoS ONE</i> , 2017, 12, e0176887.	2.5	24
8	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.	2.5	15
9	Redox Biology of Right-Sided Heart Failure. <i>Antioxidants</i> , 2018, 7, 106.	5.1	15
10	Natural reversal of pulmonary vascular remodeling and right ventricular remodeling in SU5416/hypoxia-treated Sprague-Dawley rats. <i>PLoS ONE</i> , 2017, 12, e0182551.	2.5	14
11	Effects of Bcl-2/Bcl-xL Inhibitors on Pulmonary Artery Smooth Muscle Cells. <i>Antioxidants</i> , 2018, 7, 150.	5.1	10
12	Short-term very low caloric intake causes endothelial dysfunction and increased susceptibility to cardiac arrhythmias and pathology in male rats. <i>Experimental Physiology</i> , 2020, 105, 1172-1184.	2.0	10
13	Apoptosis-based therapy to treat pulmonary arterial hypertension. , 2016, 1, 17-24.		9
14	Ligand-mediated dephosphorylation signaling for MAP kinase. <i>Cellular Signalling</i> , 2018, 52, 147-154.	3.6	8
15	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.	3.8	8
16	Antioxidant Regulation of Cell Reprogramming. <i>Antioxidants</i> , 2019, 8, 323.	5.1	7
17	Redox Signaling in the Right Ventricle. <i>Advances in Experimental Medicine and Biology</i> , 2017, 967, 315-323.	1.6	5
18	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.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Tau Protein in Lung Smooth Muscle Cells. <i>Journal of Respiration</i> , 2020, 1, 30-39.	1.1	4
20	Major vault protein in cardiac and smooth muscle. <i>International Journal of Mechanical Engineering and Applications</i> , 2016, 3, .	0.3	3
21	Vasa Vasorum Lumen Narrowing in Brain Vascular Hyalinosis in Systemic Hypertension Patients Who Died of Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9611.	4.1	1
22	Susceptibility of female rats to cardiac arrhythmias following refeeding after severe food restriction. <i>Biology of Sex Differences</i> , 2022, 13, 11.	4.1	1
23	Long-term consequences of severe food restriction on the heart of female Fischer rats. <i>FASEB Journal</i> , 2019, 33, 592.1.	0.5	0
24	Endogenous mechanism of right ventricular repair in pulmonary hypertension. <i>FASEB Journal</i> , 2019, 33, 550.11.	0.5	0
25	Cell Signaling by Vitamin E Nicotinate. <i>FASEB Journal</i> , 2019, 33, .	0.5	0
26	Role of Intra-cardiac Neurohumoral Factors in Human Chronic Ischemic Heart Disease. <i>FASEB Journal</i> , 2019, 33, 374.3.	0.5	0