

# Ulrike B Hendgen-Cotta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8650502/publications.pdf>

Version: 2024-02-01

39  
papers

1,801  
citations

411340

20  
h-index

340414

39  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2716  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrite Concentration in the Striated Muscles Is Reversely Related to Myoglobin and Mitochondrial Proteins Content in Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2686.	1.8	8
2	Revealing Subtle Changes in Cardiac Function using Transthoracic Dobutamine Stress Echocardiography in Mice. <i>Journal of Visualized Experiments</i> , 2021, . .	0.2	4
3	Superiority of focused ion beam scanning electron microscope tomography of cardiomyocytes over standard 2D analyses highlighted by unmasking mitochondrial heterogeneity. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 933-954.	2.9	4
4	The impact of percutaneous peripheral interventions on endothelial function. <i>Vasa - European Journal of Vascular Medicine</i> , 2021, 50, 423-430.	0.6	5
5	Platinum-Based Drugs Cause Mitochondrial Dysfunction in Cultured Dorsal Root Ganglion Neurons. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8636.	1.8	21
6	9-PAHSA Prevents Mitochondrial Dysfunction and Increases the Viability of Steatotic Hepatocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8279.	1.8	11
7	Fingolimod Improves the Outcome of Experimental Graves' Disease and Associated Orbitopathy by Modulating the Autoimmune Response to the Thyroid-Stimulating Hormone Receptor. <i>Thyroid</i> , 2019, 29, 1286-1301.	2.4	14
8	Mitochondria at the Crossroads of Survival and Demise. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-2.	1.9	5
9	Angiotensin-(1-7)-induced Mas receptor activation attenuates atherosclerosis through a nitric oxide-dependent mechanism in apolipoproteinE-KO mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 661-667.	1.3	22
10	Mouse cardiac mitochondria do not separate in subsarcolemmal and interfibrillar subpopulations. <i>Mitochondrion</i> , 2018, 38, 1-5.	1.6	10
11	Real-time Pressure-volume Analysis of Acute Myocardial Infarction in Mice. <i>Journal of Visualized Experiments</i> , 2018, . .	0.2	1
12	Inorganic nitrite modulates miRNA signatures in acute myocardial <i>in vivo</i> ischemia/reperfusion. <i>Free Radical Research</i> , 2017, 51, 91-102.	1.5	24
13	A novel physiological role for cardiac myoglobin in lipid metabolism. <i>Scientific Reports</i> , 2017, 7, 43219.	1.6	29
14	S-nitrosation of calpains is associated with cardioprotection in myocardial I/R injury. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 67, 68-74.	1.2	9
15	Myocardial Expression of Macrophage Migration Inhibitory Factor in Patients with Heart Failure. <i>Journal of Clinical Medicine</i> , 2017, 6, 95.	1.0	12
16	Cytosolic BNIP3 Dimer Interacts with Mitochondrial BAX Forming Heterodimers in the Mitochondrial Outer Membrane under Basal Conditions. <i>International Journal of Molecular Sciences</i> , 2017, 18, 687.	1.8	12
17	Impact of dietary nitrate on age-related diastolic dysfunction. <i>European Journal of Heart Failure</i> , 2016, 18, 599-610.	2.9	20
18	Renal replacement therapy neutralizes elevated MIF levels in septic shock. <i>Journal of Intensive Care</i> , 2016, 4, 39.	1.3	22

#	ARTICLE	IF	CITATIONS
19	Targeted intracellular accumulation of macrophage migration inhibitory factor in the reperfused heart mediates cardioprotection. <i>Thrombosis and Haemostasis</i> , 2016, 115, 200-212.	1.8	25
20	Vasculoprotective Effects of Dietary Cocoa Flavanols in Patients on Hemodialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 108-118.	2.2	46
21	Percutaneous Mitral Valve Repair in Mitral Regurgitation Reduces Cell-Free Hemoglobin and Improves Endothelial Function. <i>PLoS ONE</i> , 2016, 11, e0151203.	1.1	7
22	A practical approach to remote ischemic preconditioning and ischemic preconditioning against myocardial ischemia/reperfusion injury. <i>Journal of Biological Methods</i> , 2016, 3, e57.	1.0	8
23	Dietary Nitrate Is a Modifier of Vascular Gene Expression in Old Male Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-12.	1.9	13
24	Nitrite circumvents canonical cGMP signaling to enhance proliferation of myocyte precursor cells. <i>Molecular and Cellular Biochemistry</i> , 2015, 401, 175-183.	1.4	14
25	Filtration of Macrophage Migration Inhibitory Factor (MIF) in Patients with End Stage Renal Disease Undergoing Hemodialysis. <i>PLoS ONE</i> , 2015, 10, e0140215.	1.1	7
26	Crosstalk between Nitrite, Myoglobin and Reactive Oxygen Species to Regulate Vasodilation under Hypoxia. <i>PLoS ONE</i> , 2014, 9, e105951.	1.1	28
27	Modulation of Circulating Macrophage Migration Inhibitory Factor in the Elderly. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	25
28	Circulating Nitrite Contributes to Cardioprotection by Remote Ischemic Preconditioning. <i>Circulation Research</i> , 2014, 114, 1601-1610.	2.0	295
29	Myoglobin's novel role in nitrite-induced hypoxic vasodilation. <i>Trends in Cardiovascular Medicine</i> , 2014, 24, 69-74.	2.3	26
30	Dietary Nitrate Reverses Vascular Dysfunction in Older Adults With Moderately Increased Cardiovascular Risk. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1584-1585.	1.2	130
31	Age-related vascular gene expression profiling in mice. <i>Mechanisms of Ageing and Development</i> , 2014, 135, 15-23.	2.2	31
32	Myoglobin functions in the heart. <i>Free Radical Biology and Medicine</i> , 2014, 73, 252-259.	1.3	52
33	Cardioprotection Through S-Nitrosylation of Macrophage Migration Inhibitory Factor. <i>Circulation</i> , 2012, 125, 1880-1889.	1.6	84
34	Dietary Nitrate Supplementation Improves Revascularization in Chronic Ischemia. <i>Circulation</i> , 2012, 126, 1983-1992.	1.6	97
35	Nitrite Regulates Hypoxic Vasodilation via Myoglobin-Dependent Nitric Oxide Generation. <i>Circulation</i> , 2012, 126, 325-334.	1.6	173
36	Assessment of the functional diversity of human myoglobin. <i>Nitric Oxide - Biology and Chemistry</i> , 2012, 26, 211-216.	1.2	29

#	ARTICLE	IF	CITATIONS
37	Dietary inorganic nitrate mobilizes circulating angiogenic cells. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1767-1772.	1.3	67
38	Reductive Gas-Phase Chemiluminescence and Flow Injection Analysis for Measurement of the Nitric Oxide Pool in Biological Matrices. <i>Methods in Enzymology</i> , 2008, 441, 295-315.	0.4	35
39	Nitrite reductase activity of myoglobin regulates respiration and cellular viability in myocardial ischemia-reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10256-10261.	3.3	376