

Hermann Kalwa

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

496
citations

1040056

9
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

1191
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial PGC-1 β Mediates Vascular Dysfunction in Diabetes. <i>Cell Metabolism</i> , 2014, 19, 246-258.	16.2	135
2	Caveolin-1 Is a Critical Determinant of Autophagy, Metabolic Switching, and Oxidative Stress in Vascular Endothelium. <i>PLoS ONE</i> , 2014, 9, e87871.	2.5	102
3	The MARCKS Protein Plays a Critical Role in Phosphatidylinositol 4,5-Bisphosphate Metabolism and Directed Cell Movement in Vascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 2320-2330.	3.4	50
4	Nitric oxide mediates glial-induced neurodegeneration in Alexander disease. <i>Nature Communications</i> , 2015, 6, 8966.	12.8	44
5	Synthesis and dephosphorylation of MARCKS in the late stages of megakaryocyte maturation drive proplatelet formation. <i>Blood</i> , 2016, 127, 1468-1480.	1.4	34
6	Insulin-dependent metabolic and inotropic responses in the heart are modulated by hydrogen peroxide from NADPH-oxidase isoforms NOX2 and NOX4. <i>Free Radical Biology and Medicine</i> , 2017, 113, 16-25.	2.9	33
7	Phospholipase C Epsilon (PLC ϵ) Induced TRPC6 Activation: A Common but Redundant Mechanism in Primary Podocytes. <i>Journal of Cellular Physiology</i> , 2015, 230, 1389-1399.	4.1	27
8	Angiotensin-II and MARCKS. <i>Journal of Biological Chemistry</i> , 2012, 287, 29147-29158.	3.4	24
9	Central role for hydrogen peroxide in P2Y1 ADP receptor-mediated cellular responses in vascular endothelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3383-3388.	7.1	22
10	Restoration of MARCK enhances chemosensitivity in cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 843-858.	2.5	10
11	Artifact-free objective-type multicolor total internal reflection fluorescence microscopy with light-emitting diode light sources" Part I. <i>Journal of Biophotonics</i> , 2019, 12, e201900033.	2.3	9
12	Role of PTEN in modulation of ADP-dependent signaling pathways in vascular endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2586-2595.	4.1	4
13	Theoretical background of light-emitting diode total internal reflection fluorescence microscopy and photobleaching lifetime analysis of membrane-associated proteins" Part II. <i>Journal of Biophotonics</i> , 2020, 13, e201960181.	2.3	0
14	PLC ϵ -dependent activation of TRPC6 channels in kidney podocytes, murine embryonic fibroblasts (MEFs) and human embryonic kidney cells (HEK 293): A general mechanism?. <i>FASEB Journal</i> , 2011, 25, lb622.	0.5	0
15	Lipoxins control neutrophil superoxide anion production by regulation of polyisoprenyl diphosphate phosphatase 1 activity. <i>FASEB Journal</i> , 2013, 27, 137.2.	0.5	0
16	Caveolin-1 is a critical determinant of autophagy and oxidative stress. <i>FASEB Journal</i> , 2013, 27, 831.21.	0.5	0
17	Insulin Attenuates Cardiac Myocyte Contractility via NADPH Oxidase: Implications for Diabetic Cardiomyopathy. <i>FASEB Journal</i> , 2015, 29, 1025.9.	0.5	0
18	A Central Role for H ₂ O ₂ in Insulin Signal Transduction in Cardiac Myocytes. <i>FASEB Journal</i> , 2015, 29, 728.33.	0.5	0