

Norbert Leitinger

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,596
citations

257450

24
h-index

330143

37
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41
all docs

41
docs citations

41
times ranked

4688
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotypic Polarization of Macrophages in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1120-1126.	2.4	221
2	Efferocytosis induces a novel SLC program to promote glucose uptake and lactate release. <i>Nature</i> , 2018, 563, 714-718.	27.8	220
3	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. <i>Nature Medicine</i> , 2018, 24, 50-61.	30.7	205
4	Chanzyme TRPM7 Mediates the Ca ²⁺ Influx Essential for Lipopolysaccharide-Induced Toll-Like Receptor 4 Endocytosis and Macrophage Activation. <i>Immunity</i> , 2018, 48, 59-74.e5.	14.3	179
5	Novel Role of IL (Interleukin)-1 β in Neutrophil Extracellular Trap Formation and Abdominal Aortic Aneurysms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 843-853.	2.4	173
6	Pannexin 1 channels regulate leukocyte emigration through the venous endothelium during acute inflammation. <i>Nature Communications</i> , 2015, 6, 7965.	12.8	159
7	NKp46+ natural killer cells attenuate metabolism-induced hepatic fibrosis by regulating macrophage activation in mice. <i>Hepatology</i> , 2016, 63, 799-812.	7.3	107
8	Macrophage metabolism in atherosclerosis. <i>FEBS Letters</i> , 2017, 591, 3042-3060.	2.8	103
9	Macrophage phenotype and bioenergetics are controlled by oxidized phospholipids identified in lean and obese adipose tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6254-E6263.	7.1	102
10	S-Nitrosylation Inhibits Pannexin 1 Channel Function. <i>Journal of Biological Chemistry</i> , 2012, 287, 39602-39612.	3.4	89
11	The role of pannexin1 in the induction and resolution of inflammation. <i>FEBS Letters</i> , 2014, 588, 1416-1422.	2.8	84
12	Purinergic and Calcium Signaling in Macrophage Function and Plasticity. <i>Frontiers in Immunology</i> , 2014, 5, 580.	4.8	76
13	Pannexin 1 Channels as an Unexpected New Target of the Anti-Hypertensive Drug Spironolactone. <i>Circulation Research</i> , 2018, 122, 606-615.	4.5	76
14	Combined CDK4/6 and mTOR Inhibition Is Synergistic against Glioblastoma via Multiple Mechanisms. <i>Clinical Cancer Research</i> , 2017, 23, 6958-6968.	7.0	74
15	The Role of Phospholipid Oxidation Products in Inflammatory and Autoimmune Diseases. <i>Sub-Cellular Biochemistry</i> , 2008, 49, 325-350.	2.4	71
16	Oxidized phospholipids as triggers of inflammation in atherosclerosis. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 1063-1071.	3.3	68
17	Dietary effects on liver tumor burden in mice treated with the hepatocellular carcinogen diethylnitrosamine. <i>Journal of Hepatology</i> , 2015, 62, 599-606.	3.7	60
18	Nuclear Factor (Erythroid-Derived 2)-Like 2 and Thioredoxin-1 in Atherosclerosis and Ischemia/Reperfusion Injury in the Heart. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 630-644.	5.4	59

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19	Pannexin 1 is required for full activation of insulin-stimulated glucose uptake in adipocytes. <i>Molecular Metabolism</i> , 2015, 4, 610-618.	6.5	54
20	B-Cell Depletion Promotes Aortic Infiltration of Immunosuppressive Cells and Is Protective of Experimental Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2191-2202.	2.4	54
21	The effect of oxidized phospholipids on phenotypic polarization and function of macrophages. <i>Free Radical Biology and Medicine</i> , 2017, 111, 156-168.	2.9	48
22	Macrophages sensing oxidized DAMPs reprogram their metabolism to support redox homeostasis and inflammation through a TLR2-Syk-ceramide dependent mechanism. <i>Molecular Metabolism</i> , 2018, 7, 23-34.	6.5	46
23	Loss of Endothelial FTO Antagonizes Obesity-Induced Metabolic and Vascular Dysfunction. <i>Circulation Research</i> , 2020, 126, 232-242.	4.5	46
24	Innate immune signaling in Drosophila shifts anabolic lipid metabolism from triglyceride storage to phospholipid synthesis to support immune function. <i>PLoS Genetics</i> , 2020, 16, e1009192.	3.5	43
25	Repurposing anti-inflammasome NRTIs for improving insulin sensitivity and reducing type 2 diabetes development. <i>Nature Communications</i> , 2020, 11, 4737.	12.8	31
26	Distinct insulin granule subpopulations implicated in the secretory pathology of diabetes types 1 and 2. <i>ELife</i> , 2020, 9, .	6.0	26
27	Cinnamic Acid Derivatives Enhance the Efficacy of Transarterial Embolization in a Rat Model of Hepatocellular Carcinoma. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 430-437.	2.0	19
28	Adaptive thermogenesis in brown adipose tissue involves activation of pannexin-1 channels. <i>Molecular Metabolism</i> , 2021, 44, 101130.	6.5	18
29	Mitochondrial Ca ²⁺ Signaling Is an Electrometabolic Switch to Fuel Phagosome Killing. <i>Cell Reports</i> , 2020, 33, 108411.	6.4	16
30	Endothelial Pannexin 1 Regulates Cardiac Response to Myocardial Infarction. <i>Circulation Research</i> , 2021, 128, 1211-1213.	4.5	14
31	Myeloid P2Y2 receptor promotes acute inflammation but is dispensable for chronic high-fat diet-induced metabolic dysfunction. <i>Purinergic Signalling</i> , 2018, 14, 19-26.	2.2	11
32	Targeting oxidized phospholipids by AAV-based gene therapy in mice with established hepatic steatosis prevents progression to fibrosis. <i>Science Advances</i> , 2022, 8, .	10.3	11
33	Iron control of erythroid microtubule cytoskeleton as a potential target in treatment of iron-restricted anemia. <i>Nature Communications</i> , 2021, 12, 1645.	12.8	9
34	The Anti-Apoptotic Properties of APEX1 in the Endothelium Require the First 20 Amino Acids and Converge on Thioredoxin-1. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 616-629.	5.4	8
35	B Cell-Activating Factor Antagonism Attenuates the Growth of Experimental Abdominal Aortic Aneurysm. <i>American Journal of Pathology</i> , 2021, 191, 2231-2244.	3.8	8
36	Extracellular nucleotide signaling in solid organ transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 633-640.	4.7	6

#	ARTICLE	IF	CITATIONS
37	Impact of a short-term low calorie diet alone or with interval exercise on quality of life and oxidized phospholipids in obese females. <i>Physiology and Behavior</i> , 2022, 246, 113706.	2.1	2
38	POVPC induces the smooth muscle cells inflammatory phenotype. <i>FASEB Journal</i> , 2007, 21, A517.	0.5	0
39	BAFF 60â€mer binding to BAFF receptor 3 utilizes the NFâ€B1 signaling pathway to hyperactivate B cells. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
40	A Critical Role for Pannexin 1 in Heart Failure Induced by Acute and Chronic Isoproterenol Administration. <i>FASEB Journal</i> , 2022, 36, .	0.5	0